Coo	de	Description	Grade	Changed	Program		Career Cluster 2	Career Cluster 3	Career Cluster 4	Career Cluster 6	Career Cluster 7
013	11	Agricultural Explorations - Recommended for Students Grades 7 - Surveys a wide array of topics within the agricultural industry, exposing students to the many and varied types of agricultural career opportunities and to those in related fields. As the name implies, these courses serve simply to introduce the agricultural field, providing students the opportunity to identify and focus for continued study. Primarily designed for seventh and/or eighth grade.									
013	.2	Agricultural Science - Recommended for Students Grades 8 - Surveys a wide array of topics within the agricultural industry, exposing students to the main and varied types of agricultural career opportunities and to those in related fields. This course serves as a stage two, building upon the seventh grade class.	8								
013		Introduction to the Science of Agriculture - Recommended for Students Grades 9-10 - The local, national, and global definitions, history, and scope of agriculture in society is covered in this course. It also covers plant and animal sciences, production and processing agricultural mechanics, including tool and machine operation; business and natural resource management; management of food and fiber systems; soil characteristics, formation and properties; and development of leadership and communication skills.				Agriculture, Food and Natural Resources					

0134	Intro to the Physical Science of Agriculture - Recommended for Students Grades 10- 12 - The course covers the global market place, development of a Program of Activities, and leadership development. Animal science emphasis is on the selection, reproduction and genetics of breeds of beefs sheep, and swine, dairy cattle, horses, poultry, and specialty animals. Plant science emphasis is on the structure and function of plant parts; identification of common pasture and range plants; plant growth and development; sexual and asexual reproduction of plants. Soil science topics include nutrients, fertilizers, and organic matter; conservation practices and sampling techniques.		Agriculture, Food and Natural Resources				
0136	Applied Science in Agriculture - Recommended for Students Grades 10 - 12 - Specific subject matter covered in this course includes current issues relevant to the agricultural industry, marketing and sales techniques. Disease and parasites effecting the various breeds of livestock; Animal welfare and relationship to the human environment; May include the horticultural practices of greenhouse management; fruit, nut and vegetable production; and landscaping principles; Forest fire prevention and techniques, public and private land forests; Wildlife mammals, waterfowl, freshwater fish, and game management.		Agriculture, Food and Natural Resources				
0137	Agricultural Leadership/Communication - Recommended for Students Grades 10 - 12 - Course is designed to strengthen students' personal and group leadership skills. Topics such as public speaking, effective communication, human relations, parliamentary law, and group dynamics are covered. Also covered is the development of Programs of Activity, and Service Learning projects, including student development, chapter development, and community development.		Marketing Sales and Service	Government and Public Administration	Business Management and Administration		
0141	Science-Horticulture/Botany - Recommended for Students Grades 10 - 12 - The focus of this course is on the science of plants (botany). Specific topics include photosynthesis and respiration, analysis of the difference of plant and animal cell structure, genetics, taxonomy and classification. Also included are topics covering entomology, soil chemistry, and plant diseases; virus and bacteria life cycles and effects on plant growth. Focus is on horticultural crops including greenhouse, landscape and floral plants.		Agriculture, Food and Natural Resources				

0143	Greenhouse/Nursery Operations - Recommended for Students Grades 10 - 12 - This course covers greenhouse/nursery operation and management. Plant propagation including grafting, budding, and layering. Students are often involved in the planning, management, and marketing associated with the school greenhouse/nursery.		Agriculture, Food and Natural Resources					
0144	Landscape - Recommended for Students Grades 10 - 12 - Introduction to landscape design, construction, and maintenance. Irrigation systems for the landscape, including water conservation and use, and xeriscape for plants. Drawing instruments and symbols used in designing the landscape plan, identification and selection of landscape ground covers, shrubs, trees, and other construction materials. Cost estimates and landscaped proposals are also covered in this course.		Architecture and Construction	Agriculture, Food and Natural Resources				
0145	Floriculture - Recommended for Students Grades 10 - 12 - Focus is on the floriculture industry including plant production, processing, marketing, and principles of floral design. Students are often involved in a simulated floral shop on the school grounds. Interior landscaping may also be included in this course.		Marketing Sales and Service					
0151	Introduction to Agricultural Mechanics - Recommended for Students Grades 9 - 12 - Course provides for the skill and knowledge development applicable to the tools and equipment used in the agricultural industry. In learning to apply basic industrial knowledge and skills (engines, power, welding, and carpentry), a broad range of topics may be explored, including the operation, mechanics, and care of tools and machines; the construction and repair of structures; introduction to electricity and power. Procedures for safe operations in the agricultural mechanics laboratory are included in this course.		Transportation, Distribution and Logistics	Science, Technology, Engineering and Math	Architecture and Construction	Agriculture, Food and Natural Resources		

0152	Agricultural Structures and Construction - Recommended for Students Grades 10 - 12. Topics include surveying, concrete and masonry, plumbing, drafting, carpentry and electrical wiring; use of bids and billing information to develop a complete materials list and project cost estimate; use of measurement and layout tools. Procedures for safe operations in the agricultural mechanics laboratory are included in this course.	10-12	Agriculture, Food and Natural Resources	Science Technology Engineering and Math	Architecture and Construction		
0153	Metal Fabrication for the Agricultural Industry - Recommended for Students Grades 10 12 - Topics include oxyacetylene and mig welding techniques including cutting, brazing, and welding; Fabrication techniques and project design including estimating and developing materials list. Tool room management and safety procedures are essential to the course.		Agriculture, Food and Natural Resources	Science Technology Engineering and Math			
0154	Agricultural Power and Machinery - Recommended for Students Grades 10 - 12 - The course includes maintenance and troubleshooting, and repair of small gas engines, auto and farm equipment maintenance; Identification and comparison of energy sources. Troubleshoot problems and evaluate performance to service and repair components of internal combustion engines. Follow manufacturers' guidelines to service and repair power transmission systems. Utilize maintenance manuals to service and repair hydraulic systems. Utilize schematics to service vehicle electrical systems.		Science, Technology, Engineering and Math	Transportation, Distribution and Logistics	Agriculture, Food and Natural Resources		
0161	Science of Large Agriculture Animals - Recommended for Students Grades 10 - 12 - Course imparts information about the care and management of domesticated animals. Animal nutrition, health, reproduction, genetics, facilities, and marketing are all possible topics; Study of anatomy and physiology of livestock and other domesticated animals Examination of developmental stages and analysis of feed ration for different parts of an animal's life cycle. Identification of environmental factors that affect an animal's performance, and recognition of animal behaviors to facilitate working with animals safely.		Agriculture, Food and Natural Resources				

0162	Science of Small Animals - Recommended for Students Grades 10 - 12 - Course imparts information about the care and management of domesticated animals. Animal nutrition, health, reproduction, genetics, facilities, and marketing are all possible topics; Study of anatomy and physiology of livestock and other domesticated animals. Examination developmental stages and analysis of feed ration for different parts of an animal's life cycle; Identification of environmental factors that affect an animal's performance; Recognition of animal behaviors to facilitate working with animal safely. Specific focus of this course is or small animals including rabbits, fowl, dogs, and cats.		Agriculture, Food and Natural Resources				
0163	Science of Large Animals - Recommended for Students Grades 11 - 12 - Course imparts information about the care and management of domesticated animals. Animal nutrition health, reproduction, genetics, facilities, and marketing are all possible topics; Study of anatomy and physiology of livestock and other domesticated animals. Examination developmental stages and analysis of feed ration for different parts of an animal's life cycle identification of environmental factors that affect an animal's performance and recognition of animal behaviors to facilitate working with animal safety. Specific focus of this course is or dairy cattle and equine.		Agriculture, Food and Natural Resources				
0164	Veterinary Science/Technician – Grades 11-12 – Course imparts basic information about employment as a veterinary technician. Animal health, nutrition, reproduction, genetics, facilities maintenance, anatomy and physiology and business management are all possible areas of study. Specific focus of this course is on mastering the entry level skills needed for employment as a veterinary assistant or technician. (Introductory units available via New Mexico Secondary Agriculture Education. Resources should be followed by dual credit enrollment in a recognized certification program).		Agriculture, Food and Natural Resources				
0171	Agricultural Economics and Business Management - Recommended for Students Grades 10 - 12 - Course provides students with the information and skills necessary for career success in agribusiness and in the operation of entrepreneurial ventures. Topics include economic principles, budgeting, risk management, finance, business law, insurance and resource management. Other possible topics are development of a business plan employee/employer relations, problem solving and decision making, using computers. A survey of the careers within the agricultural industry is also incorporated.		Business Management and Administration	Marketing Sales and Service	Agriculture, Food and Natural Resources		

0173	Science of Food Products and Food Processing - Recommended for Students Grades 10 - 12 - Course imparts the knowledge and skill needed to bring animal and plant products to market. Processing topics will include quality selection and preservation, equipment care and sanitation, government regulations, and consumer trends.		Agriculture, Food and Natural Resources					
0181	Environmental Science/Natural Resources - Recommended for Students Grades 10 - 12 - Course combines the fields of ecology and conservation with planning for the efficient use and preservation of land, water, wildlife, and forests. Within this course may be topics covering environmental factors affecting water, water pollution, water and land use management, alternative energy resources, metals and minerals.		Science, Technology, Engineering and Math	Health Science	Government and Public Administration	Agriculture, Food and Natural Resources		
0182	Science of Wildlife and Forestry Management - Recommended for Students Grades 10- 12 - Course provide the information necessary for the cultivation and care of forests or timberlands. Forestry topics covered are the processes of regeneration and reforestation, conservation of natural resources, ensoin control, trail development and maintenance, mapping and surveying, operation of forestry tools, government regulations, and recreational uses. Wildlife topics include land and ecological systems that enable non-domesticated animal to thrive. Emphasize on how humans and animals may both take advantage of the same land, how to gain economic benefits from the land while not degrading its natural resources or depleting the plant and animal populations.		Science, Technology, Engineering and Math	Agriculture, Food and Natural Resources	Government and Public Administration			
0183	PLTW - Environmental Sustainability - Recommended for Students Grades 9 - 12 - In ES, students investigate and design solutions in response to real-world challenges related to clean and abundant drinking water, food supply issues, and renewable energy. Applying their knowledge through hands-on activities and simulations, students research and design potential solutions to these true-to-life challenges. (A "Project Lead the Way" course).	PLTW	Agriculture, Food and Natural Resources	Science, Technology, Engineering and Math				

0191	Agricultural Internship/OJT/Coop - Recommended for Students Grades 11 - 12 - Through these courses, work experience is gained within the agricultural industry. Goals are set for the employment period. Classroom experience may involve further study in the field, improvement of employability and career readiness skills.	11-12		Agriculture, Food and Natural Resources				
0192	Agricultural Entrepreneurship - Recommended for Students Grades 11 - 12 - Through this course the student will gain knowledge in the development of a business enterprise. Financial and resource management is an important aspect of this course. Classroom experience may involve further study in the field, improvement of responsibility and career readiness skills.			Marketing Sales and Service	Business Management and Administration	Agriculture, Food and Natural Resources		
0199	Agriculture Other - Recommended for Students Grades 11 - 12 - Course provides knowledge and skills in specific areas of the agricultural industry and is designed to adapt to the needs of the local community. Typically used with advanced dual credit topics.			Agriculture, Food and Natural Resources				
0201	Business/Office Career Exploration - Recommended for Students Grades 6 - 8 - Geared for students with a possible interest in business or office technology. Business/Office Career Exploration courses expose students to the opportunities available in the accounting, administration, computer applications, data processing, management, and secretarial fields. Emphasis is placed on responsibilities, qualifications, work environment, rewards, and career paths. These courses may also include consumer education topics, computer exposure, employability skills, and/or hands-on experience within the various occupational areas.							

0202	Office Technology - (formerly Office Technology - Comprehensive) - Recommended for Students Grades 9 - 10 - Courses provide numerous opportunities to explore and understand the responsibilities and duties common to most office personnel. These comprehensive courses cover such topics as communication skills, reception and transmission of information via electronic media, filing and electronic record keeping, management, mail handling, scheduling meetings and conferences, creating itineraries, dictation and machine transcription, and varied computer applications to include are word processing, spreadsheets, data bases, presentation software, and internet.	9-10				
0203	Business Communication and Technology II – Grades 10-12 – Business Communication and Technology II flocuses on the integration of information technology, communication skills, leadership skills, and workplace skills in the business world and/or post-secondary education arena. In addition, the student examines career paths available after graduation.	10-12				
0204	Keyboarding - Recommended for Students Grades 3 - 12 - This middle-school level course provides an introduction to the keyboard (letter, numbers, and symbols), basic machine operation, and proper keyboarding technique. As students progress through the course and into advanced courses, they improve their speed and accuracy. Initial courses typically focus on producing business letters and reports that incorporate column typing. Advanced courses or indicate the producing a variety of increasingly complex business documents. Such courses develop proficiency, production skills, and problem solving skills. Keyboarding skills may be developed on typewriters or computers.					
0205	Word Processing - Recommended for Students Grades 6 - 12 - Courses introduce automated document production using one or more software packages. These courses may introduce keyboarding techniques or may require prior experience; in either case, speed and accuracy are emphasized. A parallel focus is placed on the use of software commands and functions to create, edit, format, and manipulate documents, capitalizing on the power offered by word processing software programs. File and disk management and other computer related skills may also be covered in Word Processing courses.					

0206	Data Management - Recommended for Students Grades 9 - 12 - Classes provide a basic understanding of the procedures involved in recording personal financial transactions as well as transactions typically undertaken by small businesses. Partial emphasis may be placed on personal banking, budgeting, and income tax calculations; additional emphasis is usually placed on cashier and clerical procedures, inventory control for small businesses, database management, merchandising, and payroll. Data management courses teach students the value of data management to the organization, operation, and control of a business.	9-12	Finance	Business Management and Administration					
0207	Accounting - Recommended for Students Grades 9 - 12 - Courses introduce and then expand upon the fundamental accounting procedures used in small businesses. Typically, the first year covers the full accounting cycle, and incorporates topics such as payorll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students may learn how to apply standard auditing principles to the projects they work on and may prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools may be used. In advanced courses, elementary principles of partnership and corporate accounting are introduced and explored, as are the managerial uses of control systems and the accounting process.	9-12	Marketing Sales and Service	Government and Public Administration	Hospitality and Tourism	Agriculture, Food and Natural Resources	Business Management and Administration	Finance	
0210	Advanced Accounting - Recommended for Students Grades 10 - 12 - This course builds upon the concepts learned in Accounting Fundamentals. Students will study and apply advanced accounting principles relating to partnerships, corporations, cost accounting, number systems, inventory control, depreciation, petty cash systems, accruals, notes and interest, payroll and taxes, and computerized accounting. Computerized spreadsheet applications and a "simulation" project are integral to the class.		Business Management and Administration						
0212	Cost Accounting - Recommended for Students Grades 11 - 12 - This course builds upon the concepts learned in Advanced accounting, and introduces students to principals of cost accounting with an emphasis on job order costing. Topics covered may include manufacturing statements; cost theory; and integration of materials, labor and overhead to the computerized job cost situation. Computerized spreadsheet applications are emphasized	11-12	Business Management and Administration						

0220	Exploring Business and Marketing - Recommended for Students Grades 6 - 8 - This middle-school course is designed to explore the nature of business and to study related careers in fields such as financial services, fashion merchandising, information systems, marketing, office systems technology, public relations and promotion, and travel and tourism. Emphasis is on using the computer while studying applications in these careers along with problem solving and thinking skills. Entrepreneurship practices and principles may be surveyed or implemented through a project or thematic unit.						
0221	Introductory Business - Recommended for Students Grades 9 - 12 - Courses survey a array of topics and concepts related to the field of business. These courses introduce business concepts such as banking and finance; the role of government in business, consumerism, credit, investment, and management; and may provide a brief overview of the American economic system and corporate organization. In addition, Introductory Business courses may expose students to the varied opportunities in secretarial, accounting, management, and related fields.		Business Management and Administration				
0223	Business Management - Recommended for Students Grades 9 - 12 - Courses acquaint students with management opportunities and effective human relations. These courses may provide students with the skills to perform planning, staffing, financing, and controlling functions within a business. In addition, they may provide a macro level study of the business world, including business structure and finance, and the interconnections between industry, government, and the global economy.		Business Management and Administration				
0224	Business Ownership and Management Entrepreneurship - Recommended for Students Grades 10 - 12 - Courses acquaint students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication. Several topics surveyed in Business Management courses may also be included.		Finance	Business Management and Administration			

0225	Financial Services - Recommended for Students Grades 10 - 12 - Courses provide students with an overview of the American monetary and banking system, types of financial institutions, and the services and products they offer. Course content may include government regulations; checking, savings, and money market accounts; loans; investments, and negotiable instruments. As the courses provide information about career opportunities students may practice the varying responsibilities of personnel within the banking and finance industries.	10-12	Finance	Business Management and Administration	Government and Public Administration			
0226	General Business (formerly Business & Marketing) - Recommended for Students Grades 7 - 12 - This business and marketing course explores the world of business and marketing. Curriculum will focus on the skills, knowledge, and attitudes demanded by employers in the workplace. Students will study economics, marketing and basic accounting concepts. Emphasis will be placed on business computer applications including vor processing, spreadsheets, and databases. Students will have the opportunity to demonstrate knowledge of retail merchandising, customer service, and working with a team by participating in the operation of a school-owned student operated snack bar and classroom projects. Student participation in related co-curricular vocational student organizations, DECA and BPA, is strongly encouraged.		Business Management and Administration					
0227	Business, Marketing and Finance II – Grades 11-12– Business, Marketing, and Finance II continues the exploration of business, marketing, and financial concepts. This course continues to focus on the skills, knowledge, and attitudes demanded by employers in the workplace. The student studies advanced economic, marketing, and financial concepts Emphasis is placed on business computer applications including word processing, spreadsheets, and multimedia applications.		Marketing Sales and Service	Hospitality and Tourism	Business Management and Administration	Finance		
0228	Personal and Business Finance - Recommended for Students Grades 10 - 12 - Course covers fundamental concepts of personal financial management to include insurance, budgeting, credit, savings, investments, home financing, retirement, and estate planning, and consumer debt management. Finance relating to problems, methods, and policies in financing business enterprise are also covered.		Finance	Business Management and Administration				

0229	Word Processing for Business – Grades 10-12 – Word Processing for Business is intended for the student who desires additional hands-on training in the use of computer software programs with an emphasis in word processing (e.g. Microsoft Word®). Topics include merges, macros, tables with formulas and templates used in a real-life work simulation within the classroom.		Finance	Marketing Sales and Service	Business Management and Administration			
0230	Consumer/Business Math - Recommended for Students Grades 7 - 12 - This course covers mathematical applications that reinforce general math topics, such as arithmetic using rational numbers, measurement, and basic statistics. Consumer applications may induce personal and business budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment.							
0231	Financial Spreadsheets - Recommended for Students Grades 7 - 12 - This course provides an in-depth study of Microsoft Excel spreadsheet software. A hands-on approach is taken with projects and assignments and may cover the MOUS certification requirement.		Government and Public Administration	Hospitality and Tourism	Agriculture, Food and Natural Resources	Business Finance Management and Administration	Marketing Sales and Service	
0232	Business Computer Skills for the Workplace – Grades 9-12 – In Business Computer Skills for the Workplace, the student becomes proficient in the use of Windows TM and computer software programs including word processing (e.g., Microsoft TM Word), databases (e.g., Microsoft TM Access), spreadsheets and charts (e.g., Microsoft TM Excel), presentation (e.g., Microsoft TM PowerPoint8), and desktop publishing (e.g., Microsoft TM Dublisher®) as at the Internet and basic Web page design. The student becomes competent in workplace skills and is prepared for employment or advanced training.							

0239	Individual Taxation - Recommended for Students Grades 11 - 12 - This course examines the fundamental characteristics of Federal and state legislation as applied to individual incomes. Students will be introduced to basic tax return preparation issues and the software to do basic tax returns. On the job training and a certification examination may be integral to this class.	11-12		Government and Public Administration	Finance	Business Management and Administration				
0240	Business Communications - Recommended for Students Grades 9 - 12 - Deleted as it was a duplication of course 1850	9-12	Deleted	Government and Public Administration	Marketing Sales and Service	Hospitality and Tourism	Business Management and Administration			
0250	Business Law - Recommended for Students Grades 10 - 12 - Course is designed to give students an understanding of the U.S. legal system, the law of contracts, and Uniform Commercial Code statutes regulating the sale of goods and commercial paper. Student will investigate the nature and role of the law in our society with emphasis in personal, consumer, and business law. The legal environment in which business operates will be investigated.			Hospitality and Tourism	Government and Public Administration	Law Public Safety & Security	Business Management and Administration			
0254	Business Ethics - Recommended for Students Grades 10 - 12 - Reasoning for issues in business and business practices that uses both a theoretical and practical approach to business decision-making are examined as well as quality and customer service insight and skills. An emphasis on current events/issues in the local, state, national, and world economy are integrated in the instruction.	10-12		Government and Public Administration	Business Management and Administration	Manufacturing	Marketing Sales and Service	Hospitality and Tourism	Finance	

0261	Hospitality and Tourism - Recommended for Students Grades 10 - 12 - Course provides basic knowledge plus as well as job shadowing experiences for the student who is interested in a career in lodging, hospitality, travel and tourism. Areas of study may cover culinary arts, lodging occupations, travel services, customer service and management of recreation, sales, marketing, leisure programs or events. In some school districts, membership in the student vocational organization may be required to involve students in leadership, community service and competitive events. Course may also be a part of a team-teaching approach to a career pathway (several aligned sequential courses)	10-12	Hospitality and Tourism	Business Management and Administration			
0265	Hotel Management I - Recommended for Students Grades 11 - 12 - Sequential course designed to introduce students to industry standards such as customer relations, accounting, management techniques, public relations, customer services, and marketing. Industry standards and certifications for front and back of the house are also available. Students are also encouraged to explore a wide variety of careers found in the hospitality and lodging/resort industries. School districts involved in this program must complete an RFP process and be a recognized site. Co-sponsored by the Educational Institute of the American Hotel and Lodging Association. Course may also be a part of a team-teaching approach to a career pathway (several aligned sequential courses)		Hospitality and Tourism	Business Management and Administration			
0266	Hotel Management/Lodging Management II - Recommended for Students Grades 11- 12 - Sequential course designed for students pursuing careers in hospitality and lodging/resort industries. This is an intensive program involving topics covering entrepreneurship and managerial techniques, portfolio and customer service skills, safety and related work issues, beverage/banquet, limited service, full service, resort, and bed and breakfast operations. Golf course maintenance and human resource management are also covered with certifications available. Students who complete the program, a 400-hour internship, and pass the national exam leave high school with a national certification recognized by the hospitality industry. Cosponsored by Educational institute of the American Hotel and Lodging Association. Course may also be a part of a team-teaching approach to a career pathway (several aligned sequential courses)	11-12	Hospitality and Tourism	Business Management and Administration			
0267	Human Resource Management - Recommended for Students Grades 11 - 12 - This course is designed to provide the student with a contemporary and comprehensive introduction to the field of personnel/human resource management aimed at the student who wants to know how these functions and tools will assist one in becoming a better manager. The International Sector is also covered. Emphasis is placed on cooperation among all managers for the successful administration of human resources.		Hospitality and Tourism	Business Management and Administration			

0269	Hotel Management Internship - Recommended for Students Grades 10 - 12 - Sequential course designed to provide the work experience component of the Hotel Management Program of study offered through the American Hotel and Lodging Association. Student will work in an industry-based setting and be evaluated by work-based competencies. Varying numbers of hours must be completed in the internship in order to receive the industry-recognized certification.	10-12	Hospitality and Tourism	Business Management and Administration			
0270	Computer/Business Technologies - Recommended for Students Grades 7 - 12 - This course is designed to develop the student's computer technology skills as they prepare for a career in the world of business. Student will produce business documents using word processing, spreadsheet, database and presentation skills to be an effective employee operate business equipment, read and write technical documents, apply office management procedures, learn communication etiquette, manage time and projects, develop interpersonal skills, examine employer/employee interactions, and develop job preparation skills.	7-12					
0271	Database Design and Programming - Oracle Academy - Recommended for Students Grades 7 - 12 - Students analyze case studies to identify patterns and connections between information not obviously related and to develop solutions to make a business effective. The program teaches inductive reasoning to solve problems and think conceptually, systematically, and critically by transforming business requirements into an operational database, creating and implementing database design, managing a business project, and preparing for SQL Certification exam. Students become proficient business analysts, technical experts in structured quey language (SQL), and develop essential "professional skills" including teamwork, project management, presentation, and interviewing techniques.	7-12	Business Management and Administration	Information Technology	Science Technology Engineering and Math		
0276	Web Page Design - Recommended for Students Grades 7 - 12 - Course emphasizes skill development that will enable students to author, edit, evaluate and publish web pages. The basics of planning and creating Web Pages, using a variety of editors such as Word'erses, selecting and adding images, choosing background colors, creating active internal and external links, adding lists and testing pages created are also covered. Basic introduction to HTML can be covered.	7-12	Marketing Sales and Service	Arts Audio-Video Technology and Communications	Information Technology		

029	0	Business Economics - Recommended for Students Grades 9 - 12 - This course provides an understanding of basic economic principles and use of economic reasoning skills to analyze the impact of economic systems on individuals, families, businesses, communities and governments. Course includes basic concepts of macro and micro economics, definition of economics, demand and supply, output and cost, competition, monopoly, markets and government, income distribution and equality, national income, employment and unemployment, budget and fiscal policy, foreign trade and business.	9-12		Business Management and Administration	Marketing Sales and Service	Finance	Hospitality and Tourism	Manufacturing	
029	4	AP Microeconomics - Recommended for Students Grades 10 - 12 - Course is designed to parallel a semester of college-level microeconomics, AP Microeconomics courses provide students with a thorough understanding of the principles of economics that apply to the functions of individual decision makers (both consumers and producers), and place primary emphasis on the nature and functions of product markets, while also including a study of factor markets and the role of government in the economy. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.	10-12	AP	Government and Public Administration	Marketing Sales and Service	Business Management and Administration			
029	5	AP Macroeconomics - Recommended for Students Grades 10 - 12 - Course is designed to parallel a semester of college-level macroeconomics, AP Macroeconomics courses provide students with a thorough understanding of the principles of economics that apply to an economic system as a whole, placing particular emphasis on the study of national income and price determination, and developing students 'familiarity with economic performance measures, economic growth, and international economics. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.	10-12	AP	Government and Public Administration	Marketing Sales and Service	Business Management and Administration			
029		Business Work Experience (Co-op) (formerly Business Work Site Experience - Cooperative Education - OJT) - Recommended for Students Grades 11 - 12 - Course work experience is gained within the business field. The student, teacher, and employer will set goals cooperatively: classroom attendance, related training experience, and related course work are an integral part of the Business -OJT Experience - Course may also include work-study, internships, school based enterprises, service learning, mentor programs, or job shadowing experiences. Goals are set for the employment period and related classroom experiences will align with occupational training in the field. Improvement of employability skills and discussion regarding the experiences and problems encountered on the job will also be included in classroom activity.	11-12		Marketing Sales and Service	Business Management and Administration	Finance	Hospitality and Tourism	Manufacturing	

Business - Recommended for Students Grades 7 - 12 – Other. Typically used with advanced dual credit topics.	7-12		Business Management and Administration						
uses of computers, the language of the computer industry, possible applications, and occupations related to computer hardware and software. Legal and ethical issues may be									
luses of the personal computer, General Computer Applications courses provide experience in the proper use of previously written software packages. A wide range of applications is explored, including (but not limited to) word processing, spreadsheet, graphics, and database programs. Electronic mail, desktop publishing, surveillance and detection tech may also be			Business Management and Administration						
occupations, Business Computer Applications courses provide experience in the proper use of previously written software packages. Generally, a wide range of applications is explored, including (but not limited to) word processing, spreadsheet, graphics, and database programs. More advanced topics (such as electronic mail, desktop publishing, and			Finance	Business Management and Administration	Marketing Sales and Service	information Technology			
	Basic Computer - Courses introduce the computer and peripheral devices, the functions and uses of computers, the language of the computer industry, possible applications, and occupations related to computer hardware and software. Legal and ethical issues may be explored, as well as the effect of the computer on modern society. Performance of some computer operations may be required. General Computer Applications - Designed for students with an interest in exploring the uses of the personal computer, General Computer Applications courses provide experience in the proper use of previously written software packages. A wide range of applications is explored, including (but not limited to) word processing, spreadsheet, graphics, and database programs. Electronic mail, desktop publishing, surveillance and detection tech may also be included. Exercises and problems integrate data and manipulation and are tied to students' career interests. Business Computer Applications - Designed for students with an interest in business/office occupations, Business Computer Applications courses provide experience in the proper use of previously written software packages. Generally, a wide range of applications is explored, including (but not limited to) word processing, spreadsheet, graphics, and database programs. More advanced topics (such as electronic mail, desktop publishing, and electronic mail and problems are specifically business.	Basic Computer - Courses introduce the computer and peripheral devices, the functions and uses of computers, the language of the computer industry, possible applications, and occupations related to computer hardware and software. Legal and ethical issues may be explored, as well as the effect of the computer on modern society. Performance of some computer operations may be required. 7-12 7-12 This proper use of previously written software peakages. A vide range of applications is explored, including (but not limited to) word processing, spreadsheet, graphics, and database programs. Electronic mail, desktop publishing, surveillance and detection tech may also be included. Exercises and problems integrate data and manipulation and are tied to students' carrier interests. Business Computer Applications - Designed for students with an interest in business/office occupations, Business Computer Applications courses provide experience in the proper use of previously written software packages. Generally, a wide range of applications is explored, including (but not limited to) word processing, spreadsheet, graphics, and database programs. Birds of applications is explored, including (but not limited to) word processing, spreadsheet, graphics, and database programs. More advanced topics (such as electronic mail, desktop publishing, and telecommunications) may also be included. Exercises and problems are specifically business related.	Basic Computer - Counses introduce the computer and peripheral devices, the functions and uses of computers, the language of the computer industry, possible applications, and occupations related to computer hardware and software. Legal and ethical issues may be explored, as well as the effect of the computer industry, possible applications, and occupations related to computer hardware and software. Legal and ethical issues may be explored, as well as the effect of the computer on modern society. Performance of some computer operations may be required. 7.12 General Computer Applications - Designed for students with an interest in exploring the uses of the personal computer, General Computer Applications courses provide experience in explored, including four not limited to) word processing, spreadthere, graphics, and database programs. Electrocine mail, desktop publishing, surveillance and described her may also be included. 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General Computer Applications - Designed for students with an interest in exploring the uses of the personal computer, General Computer Applications courses provide experience in the program of the protocol in the provide interest in the proper use of protocols where some publications are also that many of speciations in the program and the protocols where the publication and are tied to students career interests. Business Computer Applications - Designed for students with an interest in business/office-occupations. Business Computer Applications are publicated. Exercises and problems integrate data and manipulation and are tied to students career interests. Pauliness Computer Applications - Designed for students with an interest in business/office-occupations. Business Computer Applications courses provides and design publishing and telecommunications in such as electrons mall, desident publishing, and telecommunications in any size to included. 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Note administration of the provisoal programs are provisoally pro	Basic Compater - Fluorese procubes the competer and perphased devices, the functions and tasks of computer in the longrape of the competer industry, proseble septembers, and conceptions related to competer behavior and children and perphased devices, and conceptions related to competer and perphased and children and perphased devices, and conceptions related to competer produces and children and perphased of the competer produces and children and perphased of the competer produces and children and perphased of these competer produces and children and perphased of the competer produces and children and perphased of the competer produces and children and perphased of the competer produces and perphased of the com	Basic Computer - Counce introduce the computer and prophroni divisions, the fundamental properties of control and prophroni divisions, the fundamental prophroni divisions and prophroni divisions, the fundamental prophroni divisions and prophroni

0304	Computer Applications II – Grades 10-12 – In Computer Applications II, the emphasis is or the mastery of advanced computer usage techniques for post high school education and career enhancement. Topics include: language scripting, advanced telecommunications with national and international access, the consolidation of word processing, database and spreadsheet skills into report production, advanced computer graphic manipulation, desktop integration for industry publication, beginning multi-platform network information management, and multimedia presentations.	10-12	Information Business Management Technology and Administration	Arts Audic-Video Technology and Communications		
0305	Desktop Publishing I – Grades 9-12 – This course provides skill development in the electronic procedures of producing and editing publications. Students will create, format illustrate, design, edit/revise, and print publications. Improved productivity of electronically produced brochures, programs, newsletters, web pages, presentations and manuscripts.	0.12	Marketing Sales and Service Arts Audio-Video Technology and Communications			
0306	Desktop Publishing II – Grades 10-12 – In Desktop Publishing II, the student continues to build on his/her technical design skills developed in Desktop Publishing I. The studen produces professional high-quality page design for business publications (e.g., newsletters flyers, brochures, business cards) using page layout tools for print and the Web.	10-12	Marketing Sales and Service Arts Audio-Video Technology and Communications			
0307	Computer Graphics II – Grades 10-12 – In Computer Graphics II, the student learns a new medium with which to create art. The Student learns the basics of visual design elements and principles, learns to use the computer as a visual design medium, and develops skill confidence, and sensitivity in applying knowledge of art media and techniques to the production of art work. The student receives training in an industry standard bitmap graphics program (e.g., Adobe Photoshop) in addition to a vector-based (e.g., Illustrator, Blendr, and Maya) graphics program. The production of computer art is applied to various other conten areas and acquired skills are related to careers in art and other fields that now require computer graphics capabilities. Areas of study are visual design, conventions and history technical literacy, visual communication, career awareness, and preparation of work for public display.	10-12	Marketing Sales and Service Arts Audio-Video Technology and Communications	Information Technology		

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0308	Computer Graphics III – Grades 11-12 – Computer Graphics III offers the student an opportunity to study computer graphics applications with emphasis on mastery of advanced technical skills and concepts. The student continues to apply visual design elements and principles, to use the computer as a visual design medium, and to gain proficiency. confidence, and sensitivity in applying advanced knowledge of art media and techniques to the creation of graphic products. Advanced skills are learned through a variety of applications. Areas of study are visual design, conventions and history, technical literacy, visual communication, career awareness, and preparation of work for public display. Emphasis is placed on creating an individualized body of work that represents a personal exploration of viewpoints.	44.40		Marketing Sales and Service	Arts Audio-Video Technology and Communications	Information Technology		
0309	Computer Graphics IV – Grade 12 – Computer Graphics IV offers the student an opportunity to demonstrate a high level of competency in graphics applications with an emphasis on professional portfolio development. The student develops an individual style through a variety of graphic applications. Areas of study are visual design, conventions and history, technical literacy, visual communication, career awareness, and preparation of work for public display. Emphasis is placed on creating an individualized body of work that represents a personal exploration of viewpoints.	12		Marketing Sales and Service	Arts Audio-Video Technology and Communications	Information Technology		
0310	Intro to 3D Design and Animation — Grade 9-12 - Students work with industry standard software to simulate 3D environments and apply 3D effects to create realistic still images and animations. Each lesson is a building block for future projects of increasing complexity. As students progress through the course, they will create products that can be integrated to other media types using familiar composition and editing techniques. Projects will culminate in the production of products from the following areas: broadcast, animated films, visual effects, video games graphics, visualizations, web based media, mechanical modeling, forensic modeling, and architectural studies.			Information Technology				
0313	Business Programming - Courses provide students with experience in using previously written software packages as well as designing and writing programs of their own. With a focus on business application, the word processing, spreadsheet, graphics, and database exercises contain a business industry focus, and the original programs are written in languages typical of the business industry.	7-12		Information Technology				

0314	Database Foundations - This course introduces students to basic relational database concepts. It teaches students relational database terminology, as well as data modeling concepts, building Entity Relationship Diagrams (ERDs), and mapping ERDs. Oracle SQL Developer Data Modeler is utilized to build ERDs, and Structured Query Language (SQL) is used to interact with a relational database and manipulate data within the database. Oracle Application Express (APEX) is utilized to provide practical, hands-on, engaging activities. Leveraging project-based learning techniques, students create and work with projects that challenge them to design, implement, and demonstrate a database solution for a business or organization.	7-12	Description	Information Technology	Science Technology Engineering and Math			
0315	Computer Graphics - Courses provide students with the opportunity to explore the capability of the computer to produce visual imagery and to apply graphic techniques to various fields, such as advertising, TV/video, and architecture. Modeling, simulation, animation, and image retouching are possible course topics.	7-12		Information Technology	Architecture and Construction	Marketing Sales and Service	Arts Audio-Video Technology and Communications	
0316	Computing Systems - Courses offer a broad exploration of the use of computers in a variety of fields. Course content may have a considerable range, but typically includes; the introduction of robotics and control systems, computer assisted design, computer aided manufacturing systems, and other computer technologies as they relate to industry applications.			information Technology	Business Management and Administration	Science Technology Engineering and Math		
0317	Computer Technology - Courses introduce students to the features, functions, and design of computer hardware, and provide instruction in the maintenance and repair of computer components and peripheral devices.	7-12		information Technology	Science Technology Engineering and Math			

0318	Network Technology - Courses introduce students to the technology involved in the transmission of data between and among computers through data lines, telephone lines, or other transmission media (such as hard wiring, cable television networks, radio waves, and sc on). The course may emphasize the capabilities of networks, network technology itself, or both. Content topics emphasizing network capabilities include electronic mail, public networks and electronic bulletin boards; topics emphasizing the technology include network software, hardware, and peripherals involved in setting up and maintaining a computer network.			Information Technology	Business Management and Administration	Science Technology Engineering and Math		
0319	Computer Networking II — Grades 11-12 — In Computer Networking III the student works more independently and continues to split his/her time between the classroom and in the field, working on the school's local network and supporting Level I students. The student works on a live network as they learn about the many components of network management. The course is designed to train the student in the implementation of network management tools that support such network issues as security, ethics, software, hardware, and business. The student becomes familiar with: Software – Microsoft, Symantec, LAN Guard, 3Com, Adobe and more Hardware – At the systems and component level, Server versus Client Network systems – Hardware, Software, and Management Tools Network Topology, Protocols and Standards Network Topology, Protocols and Standards Network Susiness Side of Network Management (This includes development of a Business Plan.) Methods of Quality Control & Tools	11-12		Information Technology	Science Technology Engineering and Math	Information Technology	Law Public Safety & Security	
0320	Computer Technology Assistant I – Grades 9-12 – Provides an essential introduction to GenYES, including GenYES basics information literacy, digital citizenship, and foundational software to ensure all students are informed on common software and practices. Elements of content creation are covered based on the need of the school's IT community, including digital audio and video, digital art, web publishing, and game design. IT support is introduced, including hardware and software maintenance, troubleshooting and customer support, and supporting a 1:1 program.	9-12	Description	Information Technology	Science Technology Engineering and Math			
0321	Computer Technology Assistant II – Grades 9-12 – Provides continued knowledge and skill development in content creation from Computer Technology Assistant I. Further emphasis in content creation and IT support is developed in this course. Mentoring skills in the areas of online communication are developed by students. Students learn to "become the teacher", creating tutorials and giving professional development workshops. In addition, students learn to develop leadership skills and the ability to work as a team.	9-12	Description	Information Technology	Science Technology Engineering and Math			

0322	Computer Technology Assistant III – Grades 11-12 – In year three of the GenYES program of studies, students continue to be engaged in content creation, IT support, and mentoring, in addition, they are working in advanced units related to creating 21st century schools. Students develop and implement a community service plan for their school. Finally, students explore college and career options, find the right college, and locate sources of funding for college.	11-12		Information Technology	Science Technology Engineering and Math			
0323	Computer Science/Programming - Courses provide the background knowledge and skills to construct computer programs in one or more languages. Computer coding and program structure are often introduced with the Java language, but other computer languages may be used instead. Initially, students learn to structure, create, document, and debug computer programs. In advanced courses, more emphasis is placed on design, skills to relevant applications such as modeling, data management, graphics, and text processing.	7.40	Description	Information Technology	Science Technology Marketing Sales an Engineering and Math Service	Arts Audio-Video Technology and Communications		
0324	Programming - Courses provide the opportunity to gain expertise in current computer programs. Emphasis is on how to structure and document computer programs, and how to use problem solving techniques. As students advance, they learn to capitalize on more advanced features and tools (top down design, procedures, and loops) and to place greater emphasis on design and efficiency.	7-12		Information Technology	Science Technology Engineering and Math			
0325	Advanced Programming - Courses provide the opportunity to gain expertise in computer programs using the C++ and Python language. Emphasis is on how to structure and document computer programs, and how to use problem solving techniques. However, as students advance, they learn to capitalize on the features and strengths of C++ and Python (top down design, procedures, and loops) and to place greater emphasis on design and efficiency.	7 12		Information Technology	Science Technology Engineering and Math			

0326	Computer Programming - Other Language - Other Language - Computer programming is a one-year course designed to enable students to develop skills in writing computer programs. Topics will include algorithmic solutions of mathematical problems, software development, top down program design, object-oriented programming, web page design, objects and methods, syntax, primitive data types, strings loops, arrays, searching and sorting.		Information Technology	Science Technology Engineering and Math			
0327	AP Computer Science A - AP Computer Science A course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object -oriented and imperative problem solving and design. These techniques represent proven approaches for developing solutions that can scale from small, simple problems to large, complex problems. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.	9-12	Information Technology	Science Technology Engineering and Math			
0328	IB Computer Studies - Courses prepare students to take the International Baccalaureate Computing Studies exam at either the Subsidiary or Higher level. Usually a two-year study, the courses emphasize problem analysis, efficient use of data structures and manipulation procedures, and logical decision-making. The IB Computing Studies course content also covers the applications and effects of the computer on modern society as well as the limitations of computer technology.	9-12	Information Technology	Science Technology Engineering and Math			
0330	Database Design and Programming - Oracle Academy - This course of study teaches students to analyze complex business scenarios, design, and create data models and create databases using SQL. Oracle SQL Developer Data Modeler and APEX are utilized to provide practical, hands-on activities. Leveraging project-based learning techniques, students create projects that challenge them to design, implement, and demonstrate a database solution for a business or organization.	9-12	Information Technology		Business Management and Administration		

0331	Database Programming with PL/SQL – Oracle Academy - This course of study introduces students to PL/SQL. Oracle's procedural extension language for SQL and the Oracle relational database. Participants explore the differences between SQL and PL/SQL and explore how PL/SQL is used to extend and automate SQL in administering the Oracle database. APEX is utilized to provide practical, hands-on, engaging activities. Leveraging project-based learning techniques, students create and work with projects that challenge them to enhance the SQL of a database solution for a business or organization.	9-12	Description	Information Technology	Science Technology Engineering and Math			
0332	Advanced Career - Computers, Networks and Databases - Grades 9-12 - This project based-learning course engages students who are curious about informatics. In this course students will learn how to use a design process to create systems that acquire, store and communicate data for a variety of career fields. Students will work collaboratively in teams to design systems, solve problems, think critically, be creative and communicate with each other and business partners. Students will participate in real-world experiences such as designing an inventory system for a retail store, comparing stores in a company to project future sales track customer buying habits and more. This course is a precursor to 0333.	9-12		Information Technology				
0333	Advanced Career - Design for the Digital World — Grades 9-12 - This project-based learning course engages students who are interested in applying the design process to create systems such as a cloud-based digital storage system for images. Students will design a system to automatically collect and report data on highway usage. They will apply a geospatial system to map a store and develop a database that studies shopping habits Through these projects, students will learn about data management and logic-based queries by collecting data, using the Global Positioning System (GPS) and analyzing data utilizing a geographic information system (GIS). They will learn how to automate data collection to mas and demonstrate their knowledge and skills by presenting new and innovative ideas, techniques and solutions to business and industry partners. This is a precursor to 0334.	9-12		Information Technology				
0334	Advanced Career – Databases in the Cloud – Grades 9-12 - This project-based-learning course is for students who successfully completed courses one and two and who want to tackle the more complex challenges that business and industry face. Students at this level will learn about Web technologies, cloud storage, information security, data, animation introductory computer programming and database applications. Students will take more responsibility for their own learning, problem solving and thinking outside of the box. Real world challenges will require higher levels of research, building, testing, analyzing and improving systems. Students will develop solutions for real-world problems by designing a database for ticket sales; designing security for a database; creating a game with animation reporting information based on population data in a community; and designing, building and testing an application for a database. This course is a precursor to 0335.	9-12		Information Technology				

0335	Advanced Career – Developing a Cloud Presence – Grades 11-12 - Students in this capstone course will focus on the ethics of privacy, social networking, designing for clients and artificial intelligence through six authentic projects. Students will select a business partner and design, build and test a Web presence for a company that will apply the concepts from the three prior courses. Student teams will work collaboratively with a business partner to develop a proposal for the project with evaluation criteria. Once the business partner accepts the proposal, the student team will implement it by designing, planning, building the system, and testing and revising the system to meet the needs of the business. Depending on articulation agreements or state policy, opportunity for dual credit may be available to students who successfully complete this course.	11-12		Information Technology			
0336	AP Computer Science Principles – Grades 9-12 - AP Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, this course prepares students for college and career. It is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.	9-12	АР	Information Technology			
0340	IT Essentials: PC Hardware and Software- Cisco Academy Grades 9 - 12 - An introduction to computer components, laptops and portable devices, wireless connectivity, security, safety, environmental concerns and diagnostic tools. In this course, students develop hands-on networking skills to understand the role networks play in our lives. This course introduces students to networking careers and prepares them for further study. Students learn; how to plan and install a network using real equipment and connect it to the Internet; practice verifying and troubleshooting network and internet connectivity; learn how to recognize and mitigate security threats to a home network; configure common internet applications; set up sharing between computers; and configure basic Internet providers (IP) services.	9-12		Information Technology	Science Technology Engineering and Math		
0341	CCNA Routing and Switching Part 1 - Grades 9 – 12 - A gateway to entry-level networking jobs and IT careers. Part 1 curriculum consists of two units: Introduction to Networks and Routing and Switching Essentials. Students develop a working knowledge of routing and switching, network applications, protocols, and services. These first two units prepare students for the Cisco CCENT certification exam.	9-12		Information Technology	Science Technology Engineering and Math		

0344	12	CCNA Routing and Switching Part 2 - Grades 9 – 12 - This course is a continuation of 0341. Part 2 curriculum consists of two units: Scaling Networks and Connecting Networks. Students develop a working knowledge of routing and switching, network applications, protocols, and services. All four units between course 0341 and 0342 are recommended to prepare students to take the Cisco CCNA Routing and Switching certification exam.	9-12		Information Technology	Science Technology Engineering and Math			
0344	13	CCNP v5.0- Cisco Academy = Grades 9 – 12 - An advanced overview of complex network configurations, diagnostic tools, and troubleshooting processes.	9-12		Information Technology	Science Technology Engineering and Math			
034		PLTW – Computer Science Essentials – Grades 9-12 - With emphasis on computational thinking and collaboration, this year-long course provides an excellent entry point for students to begin or continue the PLTW Computer Science K-12 experience. In CSE, students will use visual, block-based programming and seamlessly transition to text-based programming with languages such as Python to create apps and develop websites, and learn how to make computers work together to put their design into practice. Computer Science Essentials helps students create a strong foundation to advance to Computer Science Principles, Computer Science A, and beyond. (A "Project Lead the Way" course).	9-12	PLTW	Information Technology	Science, Technology, Engineering and Math			
034		PLTW - Computer Science Principles— Grades 9-12 - Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. While this course can be a student's first in computer science, students without prior computing experience are encouraged to start with Computer Science Essentials. Projects and problems include app development, visualization of data, cybersecurity, and simulation. The course curriculum and professional development is endorsed by the College Board. This course serves as the beginning course for PLTW Computer Science (A "PLTW" course).	9-12	PLTW	Information Technology	Science, Technology, Engineering and Math			

034		PLTW—Computer Science A. This course focuses on further developing computational thinking skills through the medium of Android TM App development for mobile platforms. The course utilizes industry-standard tools such as Android Studio, JavaTM programming language, XML, and device emulators. Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Webbased databases. This course aligns with the AP CS A course. This course is sequenced after PLTW Computer Science Principles 0345 (a "PLTW" course).	9-12	Description	PLTW	Information Technology	Science, Technology, Engineering and Math		
034		PLTW—Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked: in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students knowledge of, and commitment to, ethical computing behavior. It also aims to develop students' skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber infrastructure that moves and processes information safely. This course is sequenced after PLTW Computer Science A 0346 (a "PLTW" course).	9-12		PLTW	Information Technology	Science, Technology, Engineering and Math		
039	4	Application Development Foundations - This course introduces students to the techniques and tools required to develop database-driven web applications. The course teaches students how to design, develop, and deploy beautiful, responsive, database-driven web applications using APEX. APEX is utilized to provide practical, hands-on, engaging activities. Leveraging project-based learning techniques, students create and work with projects that challenge them to design, implement, and demonstrate a database-driven web application solution for a business or organization.				Information Technology			
039	5	Computer and Information Sciences - Related Subjects - Courses in this category offer instruction in realted topics that are nevessary or helpful in occupations involving computer and computer related technologies; such topics may include mathematics, science, and/or technical writing.	7.10			Information Technology	Science Technology Engineering and Math		

0396	Computer and Information Sciences-Independent Study - Courses often conducted with instructors as mentors, enable students to explore computer related topics of interest in greater depth and detail. Independent Study courses may serve as an opportunity to expand expertise in a particular programming language, explore a topic of special interest within the computer industry, or develop skill in a specific computer application.	9-12	Information Technology	Science Technology Engineering and Math			
0397	Computer and Information Sciences Work Site Experiences - Cooperative Education - OJT - Recommended for Students Grades - Through these courses, work experience is gained within either the computer or information sciences fields. Goals will be cooperatively by the student, teacher, and employer: classroom attendance, related classroom training experience, and related course work are an integral part of the Computer and Information Sciences.	9-12	Information Technology	Science Technology Engineering and Math			
0399	Computer and Information Sciences – Other. Typically used with advanced dual credit topics.	9-12	Information Technology				
0401	Construction Career Exploration - Recommended for Students Grades 6 - 8 - Courses expose students to the opportunities available in construction related trades, such as carpentry, masonry, air conditioning/refrigeration, plumbing, and so on. Students learn about the processes involved in construction projects, and may engage in a variety of small projects. Emphasis is placed on responsibilities, qualifications, work environment, rewards, and career paths within construction related fields.	t t					

0402	Construction - Recommended for Students Grades 9 - Courses provide basic skills required for construction of commercial, residential, and institutional structures. These courses provide experiences and information (typically including career opportunities and training requirements) regarding construction related occupations such as carpentry, cabinetmaking, bricklaying, electrical trades, plumbing, concrete masonry, and so on. Students engage in activities such as reading blueprints, preparing building sites, starting foundations, erecting structures, installing utilities, finishing surfaces, and providing maintenance. Advanced courses may include study of transportation systems and infrastructures. Class should consider using NCCER foundation to teach the class.		NCCER	Architecture and Construction				
0403	Woods Technology IV – Grades 11-12 – This course advances the student's skills in working with different types of wood. The student specializes in handmade furniture with a focus on Southwest furniture and custom production. Areas of study are safety, joinery, design, planning, procedures and material selection, usage and maintenance of hand aniny power tools, measurement, layout, cutting, glue up and assembly, finishing, and employabilist skills. The student becomes more proficient with hand tools, saws, mortise/tendon joints, dado joints, dowel joints and biscuit joints.	11-12	NCCA	Architecture and Construction	Manufacturing			
0414	Residential Construction I - Recommended for Students Grades 9 - Courses provide information related to the building of wooden structures, enabling students to gain an understanding of wood grades and construction methods, and to learn skills such as laying sills and joists; erecting sills and rafters; applying sheathing, siding, and shrigles; setting doo jambs; and hanging doors. Carpentry courses may teach skills for rough construction, finish work, or both. Students learn to read blueprints, draft, use tools and machines properly and safely, erect buildings from construction lumber, perform finish work inside of buildings, and to limited cabinet work. Carpentry courses may also include career exploration, good work habits, and employability skills.			Architecture and Construction				
0415	Residential Construction II - Recommended for Students Grades 10 - 12 - Courses provide students with much of the same knowledge as general carpentry courses (knowledge of various types and grades of woods, proper and safe use of hand and power tools, site selection and preparation), but place a special emphasis on construction methods applicable to floor, wall, roof, and/or stair framing. Course content may also include insulation installation and painting.			Architecture and Construction				

041	6	Particular Topics in Carpentry - Recommended for Students Grades 10 - 12 - Courses falling within the Particular Topics in Carpentry category are specialized courses concerned with building construction or carpentry. All course work focuses upon a particular skill or set of skills related to one sub topic, such as Floor Framing, Wall and Partition Framing, Interior Finishing, or Exterior Finishing.		Architecture and Construction			
041	7	Basic Woodworking - Recommended for Students Grades 10 - 12 - Courses introduce students to the various kinds of woods used in industry, and offer experience in using selected woodworking tools. Student's design and construct one or more projects, and may prepare a bill of materials. Correct and safe use of tools and equipment is emphasized. As student's advance within Woodworking classes, they focus on learning the nomenclature of power tools, developing skills to safely use these tools in the workshop, and becoming familiar with various kinds of wood finishing materials. Advanced students typically design a project; prepare bills of materials, construct, and finish proposed projects.		Architecture and Construction	Arts Audio-Video Technology and Communications		
041	8	Advanced Woodworking - Recommended for Students Grades 10 - 12 - Courses provide experience in constructing cases, cabinets, counters, and other interior woodwork. Students learn to distinguish between various types of furniture construction and their appropriate applications. Various woodworking machines and power tools for cutting and shaping wood are introduced and used. Cabinetmaking courses cover the different methods of joining pieces of wood, how to use mechanical fasteners, and how to attach hardware; beginning courses may resemble Woodworking courses. Advanced classes teach how to install plastic laminates on surfaces and how to apply spray finishes.		Architecture and Construction			
042	3	Masonry - Recommended for Students Grades 10 - 12 - Courses enable students to learn to construct interior and exterior walls, columns, doorways, window openings, fireplaces, chimneys, and foundations from brick and concrete block. Along with other activities, students may mix and spread cement and mortar, read blueprints and plans, and estimate materials needed for a project. Training may also be offered on how to layout buildings on footings and to establish grades using a surveying transit. Some courses may treat one or more of these topics in particular detail.		Architecture and Construction			

0425	Carpentry 2 Grades 9 – 12 - This is a second sequential course in a carpentry program of study meant to take a student into higher level knowledge and skill development.	9-12	Architecture and Construction			
0426	Carpentry 3 Grades 9 – 12 - This is a third sequential course in a carpentry program of study meant to take a student into higher level knowledge and skill development.		Architecture and Construction			
0431	HVAC 1 - Recommended for Students Grades 10 - 12 - Courses offer specialized training related to the design, installation, and repair of air conditioning systems for residential and commercial use. Air Conditioning courses may emphasize the theory and design of electroal, electronic, mechanical, and pneumatic control systems used in air conditioning systems; they might also (or instead) focus on procedures used in troubleshooting, servicing, and installing components of air conditioning systems.		Architecture and Construction			
0432	HVAC 2 - Recommended for Students Grades 10 - 12 - Courses provide exposure to and training in the theories, equipment, and skills needed to design, install, and repair commercial and residential refrigeration systems. Course topics typically include the theory of thermodynamics, measurement of pressures and temperatures, components and common accessories of refrigeration systems, and repair and safety procedures.		Architecture and Construction			

043	3	Heating - Recommended for Students Grades 10 - 12 - Courses offer training specific to the design, installation, and repair of heating systems for residential use. Topics typically include electric, gas, and/or steam systems; ventilation procedures; safety practices; and installation and troubleshooting techniques.		Architecture and Construction			
043	4	Air Conditioning/Refrigeration - Recommended for Students Grades 10 - 12 - Courses enable students to develop the combined skills and knowledge to install, maintain, adjust, and repair both air conditioning and refrigeration systems.		Architecture and Construction			
043:	5	Air Conditioning/Heating/Refrigeration - Recommended for Students Grades 10 - 12 - Courses enable student to learn the basic principles of these systems, along with the identification and safe use of tools/equipment used in the trade.		Architecture and Construction			
043	6	Heating/Ventilation/Air Conditioning - Recommended for Students Grades 10 - 12 - Courses synthesize basic and advanced principles in heating, ventilation, and air conditioning, including topics such as air filtration methods, humidity control, and the installation and maintenance of heat pumps, furnaces, and air conditioners. Students also learn climate control systems; electrical wiring; systems design; sizing, fabricating and installing ductwork; installing and maintaining climate control systems; and safety.		Architecture and Construction			

0437	Particular Topics in HVACR - Recommended for Students Grades 10 - 12 - Courses offer specialized training in aspects or topics that are common to various climate control systems (heating, ventilation, air conditioning, and refrigeration systems); such topics may include electrical components, diagrams and blueprints, welding and soldering techniques, and so on.		Architecture and Construction				
0438	Plumbing - Recommended for Students Grades 10 - 12 - Courses provide instruction in installing waste and vent systems, water and gas pipes, trim, and fixtures. Skills taught include cutting and joining various types of pipe (for instance, steel, plastic) using various methods (cement, seat method, and so on). Course topics may also cover plumbing occupations, employability skills, and entrepreneurship.		Architecture and Construction				
0439	Plumbing and Heating - Recommended for Students Grades 10 - 12 - Courses deal with the installation, assembly, maintenance and repair of piping, plumbing, heating equipment, and water and drainage systems. Topics covered include computation of heat losses and BTU requirements, and blueprint reading. Students gain experience with electric, gas, and oil furnaces; vacuum pumps; air compressors; and mechanical and pneumatic testing equipment.		Architecture and Construction	Manufacturing			
0441	Exploration of Electricity/Electronics - Recommended for Students Grades 10 - 12 - Courses offer instruction in the theory of electricity and in the terminology, skills, and safety procedures common to careers involving electricity, electronics, and related fields. Topics included are those relevant to these careers, such as Ohm's law, electrical equipment, wire systems, and so on; career exploration is often (but not always) an integral part of these courses.		Architecture and Construction	Manufacturing			

0442	Electricity - Comprehensive - Recommended for Students Grades 10 - 12 - Courses provide a survey of the theory, terminology, equipment, and practical experience in the skills needed for careers in the electrical field. AC and DC circuitry, safety, and the National Electrical Code are typically covered; skills covered may include those involved in building circuits; wiring residential, commercial, and/or industrial buildings; installing lighting, power circuits, and cables; and estimating job costs. As students progress, their projects become more complex and expansive. Safety is stressed, and the courses may include a career exploration component.	10-12	Architecture and Construction	Science Technology Engineering and Math			
0443	Residential Wiring - Recommended for Students Grades 10 - 12 - Course covers many of the same topics as Electricity-Comprehensive courses, Residential Wiring courses apply the knowledge and skills gained particularly to the electricid systems found in family dwellings. Because these courses emphasize residential electricity, topics may also include cable installation, telephone systems, and installation of lighting fixtures, outlets, and so on. Maintenance and repair skills are often included as course topics.	10-12	Architecture and Construction				
0444	Industrial Electricity - Recommended for Students Grades 10 - 12 - Course covers many of the same topics as Electricity - Comprehensive courses, Industrial Electricity courses apply the knowledge and skills gained particularly to the electrical systems used in industry. Because of this emphasis, Industrial Electricity courses may also include installation of transformers and control devices, emergency generator systems, and other industrial applications as course topics.	10-12	Architecture and Construction	Science Technology Engineering and Math			
0445	Particular Topics in Electricity - Recommended for Students Grades 10 - 12 - Courses offer specialized training in particular topics relevant to students who are preparing to be electricians.	10-12	Architecture and Construction	Science Technology Engineering and Math			

0452	Electronics-General - Recommended for Students Grades 10 - 12 - Courses offer training in the theory and skills involved in repairing and rebuilding electronic equipment such as radios, television sets, and industrial equipment; they typically include the basic theory of electricity as well. Course topics may include AC, DC, analog, and integrated circuitry, solid state and digital devices, amplifiers, and semiconductors.		Architecture and Construction	Science Technology Engineering and Math				
0453	Particular Topics in Electronics - Recommended for Students Grades 10 - 12 - Individual courses in this category offer specialized training in topics related to electronics and occupations in electronics such as diodes, transistors, digital techniques, solid state devices, analog circuits, and microprocessors.		Architecture and Construction	Science Technology Engineering and Math				
0462	Electricity/Electronics-General - Recommended for Students Grades 10 - 12 - Courses teach fundamental concepts of electricity and electronics, including safety procedures, and may introduce students to the available occupations in electrical and electronic industries. Topics covered typically include the following: components of circuits; reading schematics and diagrams; electricity and electronics as sources of energy and communications; and significant common to these occupations, such as ammeters, voltmeters, capacitor checkers, transistor testers, signal generators, and ohmmeters.		Architecture and Construction	Science Technology Engineering and Math				
0473	Building Maintenance - Recommended for Students Grades 10 - 12 - Courses train students to maintain commercial, industrial, and residential buildings and homes. Instruction is provided in the basic maintenance and repair of air conditioning, heating, plumbing, electrical, and other mechanical systems. Topics covered may include identification and safe use of hand and power tools; installing and repairing floor coverings, walls, and cellings; installing and repairing doors, windows, screens, and cabinets; applying finishes to prepared surfaces; and repairing roofs, masonny, plumbing, and electrical systems.		Hospitality and Tourism	Government and Public Administration	Business Management and Administration	Architecture and Construction		

0480	NCCER Core Curriculum - Introduction to Craft Skills - Recommended for Student Grades 9 - 12 - The NCCER Core features a highly illustrated design, technical hints and tips from industry experts, review questions and a whole lot more! Nine modules in all provide coverage of: Basic Safety, Introduction to Construction Math, Introduction to Hand Tools, Introduction to Power Tools, Construction Drawings, Basic Rigging, Basic Communication Skills, Basic Employability Skills, and Introduction to Materials Handling. Student options available for work ready certification. INSTRUCTORS MUST BE CERTIFIED IN NCCER.		NCCER	Architecture and Construction			
0481	NCCER Carpentry Level 1 - Recommended for Student Grades 9 - 12 - Curriculum features a highly illustrated design, technical hints and tips from industry experts, review questions. Key content includes: Orientation to the Trade; Building Materials, Fasteners, and Adhesives; Hand and Power Tools; Introduction to Construction Drawings, Specifications, and Layout; Floor Systems; Wall Systems; Celling Joist and Roof framing; Basic Stair Layout; Introduction to Building Envelope Systems. Student options available for work ready certification. INSTRUCTORS MUST BE CERTIFIED IN NCCER.	9-12	NCCER	Manufacturing			
0482	NCCER Carpentry Level 2 - Recommended for Student Grades 10 - 12 - Curriculum features a highly illustrated design, technical hints and tips from industry experts, and review questions. Rev content includes: Commercial Drawings, Roofing Applications, Thermal and Moisture Protection, Exterior Finishing, Cold-Formed Steel Framing, Drywall Installation, Drywall Finishing, Doors and Door Hardware, Suspended Cellings, Window, Door, Floor, and Ceiling Trim, and Cabinet Installation. Student options available for work ready certification. INSTRUCTORS MUST BE CERTIFIED IN NCCER.	10-12	NCCER	Manufacturing			
0483	NCCER Carpentry Level 3 - Recommended for Student Grades 11 – 12 - Curriculum features a highly illustrated design, technical hints and tips from industry experts, and review questions. Key content includes: Rigging Equipment, Rigging Practices, Properties of Concrete, Reinforcing Concrete, Handling and Placing Concrine, Reinforcing Concrete, Handling and Placing Concrine, and Silab-On-Grade, Vertical Formwork, Horizontal Formwork, and Tilt-Up Wall Panels. Student options available for work ready certification. INSTRUCTORS MUST BE CERTIFIED IN NCCER.		NCCER	Manufacturing			

0484	NCCER Carpentry Level 4 - Recommended for Student Grades 11 – 12 - Curriculum features a highly illustrated design, technical hints and tips from industry experts, and includes review questions. Key content includes: Site Layout One — Distance Measurement and Leveling, Site Layout Two — Angular Measurement, Advanced Roof Systems, Advanced Wall Systems, Advanced Stair Systems, Introduction to Light Equipment, Welding, Commercial Finish Work, Site Preparation, and Introductory Skills for the Crew Leader. Student options available for work ready certification. INSTRUCTORS MUST BE CERTIFIED IN NCCER.	11-12	NCCER	Manufacturing				
0494	Electricity/Electronics-Related Subjects - Recommended for Students Grades 10 - 12 - Courses in this category offer instruction in related topics that are necessary or helpful in occupations involving electricity or electronics; such topics may include mathematics, science, technical reading, or other related topics.	10-12	WCCAT	Architecture and Construction	Science Technology Engineering and Math	Manufacturing		
0495	Construction Trades-Related Subjects - Recommended for Students Grades 10 - 12 - Courses provide skills and knowledge necessary or useful for particular occupations or technologies within the construction trades. Particular topics and skills, or their applications, covered in these courses may vary with the occupation or technology. (For example, mathematics for carpentry students may differ somewhat from mathematics for plumbing students.) Class should consider using NCCER foundation to teach the class.	10-12	Description	Architecture and Construction				
0498	Construction Trades Internship - Recommended for Students Grades 11 - 12 Courses provide work experience in the construction or related field supported by classroom attendance and discussion. Goals are set for the employment period; classroom experience may involve further study of the field, improvement of employability skills, or discussion regarding the experiences and problems encountered on the job.	11-12		Architecture and Construction				

0499	Construction Trades - Recommended for Students Grades 6 - 12 – Other. Typically used with advanced dual credit topics.	6-12		Architecture and Construction			
0501	Family and Consumer Sciences Exploratory - Recommended for Students Grades 6 - 8 Exploratory courses are introductory courses offered in middle school into the study of all areas in Family and Consumer Sciences. Scheduling practices in districts may impact on the scope of the content, but these courses are usually at the middle school level. Areas of study are foods and nutrition; clothing; child development and care; housing design, decoration, and maintenance; consumer decisions; and interpersonal relationships. They may also include self-awareness and self-management, components of a positive life-style and career-exploration.						
0502	Family and Consumer Sciences - General - Recommended for Students Grades 9 - 12 - Courses offered in high school are inclusive of the knowledge and skills useful for the efficient and productive management of the home and family. These courses typically include foods and nutrition; clothing; child development and care; housing design, decoration, and maintenance; consumer decisions; and interpersonal relationships. They may include an introduction to the careers available in the family and consumer sciences field.			Human Services	Hospitality and Tourism		
0503	Basic Foods - Recommended for Students Grades 6 - 8 - Course provides students with an understanding of the role food plays in society, instruction in how to plan and prepare meals, experience in the proper use of equipment and utensils, and a background of the nutritional needs and requirements for healthy living. Although career opportunities in the food service industry may be presented, the emphasis of these courses is not career related.						

0504	Nutrition - Recommended for Students Grades 9 - 12 - Course offers opportunities to study the composition, structure, and properties of foods and the chemical changes that occur during processing, storage, preparation, and consumption. Designed as a laboratory course, Nutrition explores the effects of various materials, microorganisms, and processes on food products. Components of this class may be incorporated into laboratory exercises of food and nutrition courses. This class may be part of a series of sequential courses designed around healthy lifestyles/ wellness, i.e., physical education, health, chemistry.		Government and Public Administration	Human Services	Health Science	Agriculture, Food and Hospitality and Natural Resources Tourism	
0506	Clothing - Recommended for Students Grades 9 - 12 - Course introduces and expands upon the various aspects of wearing apparel, sewing, and fashion. Information provided usually covers grooming and good health, wardrobe planning, selection, care, and repair of clothing, personal factors affecting suitable choices in garment design, and the history of many of our fashions. Basic skills in using sewing equipment and machines, and construction skills are incorporated in the construction of one or more garments during the typical sewing class. Related topics such as fashion design and/or merchandising, careers in the clothing industry, and craft sewing may be part of the course.		Arts, Audio-Video Technology and Communications	Hospitality and Tourism	Marketing Sales and Service		
0507	Basic Applied Design - Recommended for Students Grades 9 - 12 - Course in which students learn basic principles of floral arrangement and food decorating with the primary purpose of developing marketable skills. This is an intensive program involving autopreparation of floral centerpieces, corsages, and arrangements for special occasions. Cake decorating and sugar molding, candy making and other related activities might be offered. Emphasis is placed on skills needed to get and keep a job.		Science, Technology, Engineering and Math	Arts, Audio-Video Technology and Communications	Architecture and Construction	Manufacturing	
0508	Culinary Arts - Recommended for Students Grades 9 - 12 - Course is designed for students interested in the food service industry. They provide instruction regarding nutrition, principles of healthy eating, and the preparation and service of food. The course may focus on a specific type of cuisine, domestic or international. Among the topics covered in Food Service courses is large-scale meal preparation, preserving nutrients throughout the food preparation process, use and care of commercial cooking equipment, food storage, advances in food technology, sanitation, management, and the careers available in the food service industry.		Hospitality and Tourism				

0509	Professional Baking - Recommended for Students Grades 9 - 12 - Course provides basic knowledge needed to produce baked products. Instruction will include understanding ingredients, proper production methods and standard cost analysis of the product. Students are taught proper safety and sanitation requirements along with tools and equipment needed to complete tasks		Hospitality and Tourism			
0510	Upholstery - Recommended for Students Grades 9 - 12 - Course exposes students to the tools, materials, and techniques used to fit and repair furniture with material coverings padding, fillers, and springs. Course content includes selection of furniture and fabric; design and construction of upholstery projects; and finishing and trimming furniture.		Arts, Audio-Video Technology and Communications	Architecture and Construction		
0511	Fashion Design - Recommended for Students Grades 9 - 12 - This course is designed to advance individual students in their chosen area of fashion. Students will be involved in advanced clothing construction, fashion illustration and writing, fashion history and trent analysis; specialty design and line development; accessory design, basic pattern making psychology of color; textiles and textile design, as well as home textiles; fashion portfolio Students will learn to use Auto CAD-CADTERNS to create their own patterns on computer May include internship component or team teaching with drama/theatre.		Arts, Audio-Video Technology and Communications			
0512	Advanced Foods - Recommended for Students Grades 9 - 12 - Students will apply ment selection, culinary nutrition, and menu designs to creating weekly menus for catering or othe entrepreneurship projects. Students may apply for the jobs of manager, assistant manager food and beverage director, director of sales, and business manager within developed/designed businesses. Independent work in the labs and research will also be required. FCCLA, a student leadership program is an integral part of the class.		Hospitality and Tourism	Manufacturing		

0513	Life Skills and Life-Management - Recommended for Students Grades 6 - 12 - Course provides students with information in a wide range of subjects so they become better-informed consumers and more productive adults. Goal setting, decision-making, prioritizing; management of money, time, energy, stress, and resources; relationships; and the development of the self are a large part of the course. Courses may include coping strategies, and practicel exercises regarding housing options, transportation options, nutrition and food preparation, clothing care, household management and how to maintain good health and wellness. Specific topics such as insurance, taxation, consumer protection, and responsibilities of a good citizen are within the scope of this course as well.			Health Science	Education and Training	Human Services		
0514	Intro to Fashion Design - Recommended for Students Grades 6 - 8 - This class is for students with a strong interest in fashions, fashion design, and creative dressing. Students will be introduced to fashion, history and trends, basic fashion illustrations; basic coltrolor psychology, interior design (sewing for the home); pillows, fashion portfolio. Students will learn to use various machines and software (i.e. sewing, embroidery and serging).	6-8						
0515	Family Living - Recommended for Students Grades 6 - 8 - Course emphasizes building and maintaining healthy interpersonal relationships among family members and other members of society. Topics most often covered include self-awareness and management, social/dating practices, parenting/family styles, sexuality, marriage preparedness, parenthood and the functions of the family unit, life stages and problems typical of each stage, providing for special needs of handicapped, aged, etc. The course may include the role of the family in the community and society, in meeting global concerns, and how the family prepares its children for the changes in these. All aspects of home management are covered, including how to balance work with home life.							
0516	Personal Development - Recommended for Students Grades 6 - 12 - Course focuses on the individual, but is similar to Family Living courses. Emphasis is on personal growth, self-esteem, recognition of and resistance to negative social influences along with coping skills. Students are given the opportunity to face reality, learn to accept responsibility, learn to set reasonable goals, use logic to solve problems, and clarify values. It may have a substance-abuse prevention component.	6-12						

0517	Consumer Economics/Personal Finance - Recommended for Students Grades 6 - 12 - Course provides an understanding of the concepts and principles involved in managing one's personal finances. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. An overview of the American economy may be provided. This course material is often included in the Family Living or Life Skills courses.		Finance			
0519	Child Care/Work Experience - Recommended for Students Grades 9 - 12 - Course is designed for the student interested in the childcare field. They provide basic knowledge about growth and development of children from conception to school age. Main topics include the fundamentals of working with infants, toddlers, and older children. Students learn how to provide healthy environments, evaluated childcare settings, and study the practices, regulations, and opportunities in the child care industry. It may include practical experience in a child-care activities operation of a childcare center, recognition of childhood diseases, abuse, and neglect and first-aid/emergency training may be covered.		Education and Training	Human Services		
0520	Elder Care/Gerontology - Recommended for Students Grades 9 - 12 - Course is designed for students interested in caring for the elderly. Care of the elderly, the aging process, death, and dying are dealt with in a realistic manner. Biological, hysiological, social, and psychological needs and concerns of the elderly are introduced and studied. It may cover work and personal habits appropriate to the field, and may offer the opportunity to explore various careers. Practical experience in an elderly care setting may be part of the course.		Human Services	Health Science		
0522	Introduction to Clothing and Design - Recommended for Students Grades 6 - 8 - Course introduces Basic skills in using sewing equipment and machines, and construction skills are incorporated in the construction of one or more garments during the typical sewing class. Related topics such as fashion design and/or merchandising, careers in the clothing industry, and craft sewing may be part of the course.					

0523	Housing/Interior Design - Recommended for Students Grades 9 - 12 - Course provides students with basic knowledge regarding design and decoration of places of work and living i.e., homes, apartments, offices, restaurants, hotels. Elements of color, traffic patrias architectural design, lighting (natural and artificial), cultural aspects, remodeling/code compliance, maintenance, and management will be explored. Career exploration may also be part of the course.		Manufacturing	Architecture and Construction		
0524	Home Management - Recommended for Students Grades 6 - 8 - Course provides information about the devices and systems found in the home. Areas covered include electrical wiring, plumbing, window and door repair and insishing, furniture repair and finishing, and small appliance repair. Heating and cooling devices along with other automatic systems may be included.					
0525	Introduction to Leadership - Recommended for Students Grades 6 - 8 - Course introduces students to community service projects, personal development and goal setting teamwork, problem solving skills and character development through the organization referred to as Family, Career and Community Leaders of America (FCCLA). Membership in FCCLA is a requirement.					
0526	Family and Consumer Sciences Education - Integrated - Recommended for Students Grades 9 - 12 - Course can take many forms, but will combine subjects within the Family and Consumer Sciences field with those from another field, such as sciences, auto mechanics of health. These courses may be team-taught by teachers from each discipline.		Human Services	Hospitality and Tourism		

052	:8	Hospitality, Tourism and Recreation - Recommended for Students Grades 9 - 12 - Course provides basic knowledge plus work experience for the student who is interested in a career in travel and tourism. Areas of study may cover culinary arts, lodging occupations, travel services, customer service and management of recreation, leisure programs or events. Property management, restaurant management, and supportive services to these industries are part of the courses.	9-12	Health Science	Marketing Sales and Service	Hospitality and Tourism		
053	0	Entrepreneurship - Recommended for Students Grades 11 - 12 - Course acquaints students with the knowledge and skills necessary to own and operate their own businesses. Topics from several areas can form the content, and business management principles, economics, computer applications, mathematics and communication skills may be part of the overall content. The topic is usually at the discretion of the students and teacher based on their perception of what would be successful. Students are trained in the National Restaurant Association ServSafe Program.						
053	12	ProStart I - Recommended for Students Grades 9 - 12 - Sequential course designed to introduce students to industry standards such as customer relations, accounting, food cost controls and marketing. Students are also encouraged to explore a wide variety of careers found in the hospitality and restaurant industries. Students are trained in the National Restaurant Association's ServSafe Program. School districts involved in this program must complete an RFP process and be a recognized site. Students are trained in the National Restaurant Association's ServSafe Program. (Co-sponsored by National Restaurant Association Foundation).		Hospitality and Tourism	Human Services			
053	3	ProStart II - Recommended for Students Grades 10 - 12 - Sequential course designed for Students pursuing careers in hospitality/flood service. This is an intensive program involving topics covering entrepreneurship and managerial techniques, portfolio and customer service skills, safety and sanitation, catering, quick serve, full service, knife skills, plate presentation, and teamwork. Students are trained in the National Restaurant Association's ServSafe Program. Students who complete the program, the 400-hour internship, and pass the national exam leave high school with a national certification. Co-sponsored by National Restaurant Association Education Foundation.		Hospitality and Tourism	Human Services			

0536	Fashion Design and Merchandising III – Grades 11-12 – This course continues to build on previous skills with practice in construction and design. Students are introduced to advance construction techniques as well as patternmaking and clothing alteration and draping on a dress form. Students receive information on educational opportunities in fashion.		Arts, Audio-Video Technology and Communications			
0537	Fashion Design and Merchandising IV – Grade 12 – The student works independently on projects designed with the teacher to address areas of interest within the fashion industry. Projects could include work-study, on-line study and dual credit college coursework.		Arts, Audio-Video Technology and Communications			
0539	ProStart Internship - Recommended for Students Grades 10 - 12 - Sequential course designed to provide the work experience component of the ProStart program of study. Student will work in an industry-based setting and be evaluated by work-based competencies. A total of 40 hours must be completed in the internship in order to receive the industry-recognized certification.		Hospitality and Tourism	Human Services		
0540	Introduction to Hospitality & Tourism - Recommended for Students Grades 9 - 12 - Course introduces students to careers in the hospitality industry, professionalism, and how to build a career in the industry. Other topics such as guest service, reservations, economic development, safety and security, maintenance can be covered.		Hospitality and Tourism	Business Management and Administration		

0549	Lodging Management Internship - Recommended for Students Grades 10 - 12 - Sequential course designed to provide the work experience component of the Lodging Management Program (LMP) program of study. Student will work in an industry-based setting and be evaluated by work-based competencies. Varying numbers of hours must be completed in the internship in order to receive the industry-recognized certification.	10-12	Hospitality and Tourism	Business Management and Administration			
0550	Child and Human Development – Young Children – Grades 9-12 – Student explores areas of study including careers in early childhood development and education. Exploration in education psychology and theories while understanding the development of humans from conception to death. Focus is on the young child including growth, development, health and safety, learning environments, accommodations to learning and human relationships.	9-12	Human Services	Education and Training			
0552	Child Development II – Grades 11-12 – In Child Development II, the student/mother learns about infants ranging in age from birth to lifteen months. The student works cooperatively with the instructor and the childcare assistants, observing and participating in activities, routines, and practices that encourage the physical, social, cognitive, and emotional development of the infants. Some of the topics in Child Development II include, but are not restricted to, child growth and development, safety and health, learning environment, relationships, pregnancy and prenatal care, and career readiness.	11-12	Human Services	Education and Training			
0553	Child Development Lab II – Grades 10-12 – Child Development Laboratory II (CDLII) is the second lab experience for a student developing proficiency in the care and education of infants and toddlers. In this lab, the parenting student applies health and safety standards in age-appropriate learning environments and identifies interests and aptitudes that relate to early childhood careers. The student also identifies counseling and mental health resources that may be of assistance to the student and/or his/her child. The student's lab experiences correspond to his/her child's developmental stage.	10-12		Education and Training			

0554	Child Development Lab III – Grades 11-12 – Child Development Laboratory III (CDLIII) is the third lab experience for a student demonstrating proficiency in the care and education of infants and toddlers. The parenting student demonstrates proficiency in the application of health and safety standards in a state-licensed childcare facility and applies knowledge of developmentally appropriate activities in a learning center. The student engages counseling and/or mental health services to solve relationship issues and nalyzes personal interests that correspond to early childhood careers. The student's lab experiences correspond to his/her child's developmental stage.		Human Services	Education and Training		
0555	Child Development Lab IV – Grade 12 – Child Development Laboratory IV (CDLIV) is the fourth lab experience for a student employing proficiency in the care and education of infants and toddlers. The parenting student assesses the health and safety procedures in a licensed childcare facility, evaluates the counseling and mental health services available to pregnant and parenting teens, analyzes a variety of learning environments for age appropriateness, and evaluates personal interests that determine career choices.			Education and Training		
0562	Teacher Academy 1 (Education Methodology) - This course introduces the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. Students will focus on the Educators Rising Standards 1-4: 1) Understanding the Profession, 2) Learning about Students, 3) Building Content Knowledge, and 4) Engaing in Responsive Planning. Teacher Academy courses are often accompanied by opportunities to observe and intern in preschool, elementary and middle school classrooms.	Code	Education and Training			
0563	Teacher Academy 2 (Education Internship) -This course introduces the principles underlying teaching and learning, focused on Educators Rising Standards 5-7: 6) Implementing Instruction, 6) Using Assessments and Data and 7) Being a Reflective Practitioner. This course typically provides opportunities for students to develop their own teaching objectives, to design and implement lesson plans, and to experience teaching in a controlled environment under the supervision of a cooperating teacher.	Code	Education and Training			

0570	GRADS - Recommended for Students Grades 9 - 12 - Course is a specialized curriculum designed for students who are parents or parents-to-be who are in school, hold jobs and balance this with care of a child. Case Management is an integral part of this course. MUST BE A GRADS RECOGNIZED SITE IN ORDER TO COUNT STUDENTS IN THIS COURSE.	9-12	GRADS				
0574	GRADS -Pregnancy Prevention - (Project Taking Charge) - Recommended for Students Grades 6 - 8 - A values-based, abstinence-focused course for middle and junior high school students. The project integrates career exploration and parental involvement; interpreal and family communications: decision making and goal setting; adolescent sexuality education; domestic violence and sexual abuse and refusal skills MUST BE A GRADS RECOGNIZED SITE IN ORDER TO COUNT STUDENTS IN THIS COURSE.		GRADS				
0575	GRADS Pregnancy Prevention - Recommended for Students Grades 6 - 9 - A values-based, abstinence-focused course for middle and junior high school students. The project integrates career exploration and parental involvement; interpersonal and family communications; decision making and goal setting; adolescent sexuality education; domestic violence and sexual abuse and refusal skills. MUST BE A GRADS RECOGNIZED SITE IN ORDER TO COUNT STUDENTS IN THIS COURSE.		GRADS				
0576	GRADS- Teen Pregnancy - Recommended for Students Grades 9 - 12 - A course designed for the expectant teen and or teen father. Topics may include: Surviving teen pregnancy, the importance of prenatal care, prenatal development, birth and delivery, heating habits, substances and chemicals to avoid, FAS, goal-setting, decision-making, staying in school, communitie communities dependence, and resources for teen parent. MUST BE A GRADS RECOGNIZED SITE IN ORDER TO COUNT STUDENTS IN THIS COURSE.		GRADS				

0580	GRADS - Newborn - Recommended for Students Grades 9 - 12 - A course designed for the teen that is parenting a newborn baby under 1 year old. Topics may include: Goal-setting, decision-making, time management, Child development from Birth to 1 year, brain development, child support, selecting a daycare, bonding, nutrition, medical attention, economic independence, and three generational living, MUST BE A GRADS RECOGNIZED SITE IN ORDER TO COUNT STUDENTS IN THIS COURSE.		GRADS			
0581	GRADS - Parenting - Recommended for Students Grades 9 - 12 - A course designed for the teen parent with a child 1-3years old. Topics may include: Child development for toddlers, brain development, career planning, plo portfolios, family law, decision-making, asl setting, second-hand smoke and health issues, child hood diseases, healthy relationships, family planning, and economic independence oustody and father rights. MUST BE A GRADS RECOGNIZED SITE IN ORDER TO COUNT STUDENTS IN THIS COURSE.		GRADS			
0582	GRADS - Fatherhood - Recommended for Students Grades 9 - 12 - Course addresses legal issues, fosters bonding and healthy relationships, and addresses both child development and parenting skills and fosters positive outcomes for the child. Course can provide classroom instruction to traditional students as a preventative measures. MUST BE A GRADS RECOGNIZED SITE IN ORDER TO COUNT STUDENTS IN THIS COURSE.		GRADS			
0583	GRADS - Independent Living Recommended for Students Grades 9 - 12 - A course designed for the teen parent with pre-school age children. Topics may include: Living on your own, budgeting, checking accounts, savings, taxes, job security and advancement, continuing education, balancing work and family, economic independence, reading and language development, parent-child interaction, Child development of pre-school children, and discipline, child abuse, and sexual transmitted diseases. MUST BE A GRADS RECOGNIZED SITE IN ORDER TO COUNT STUDENTS IN THIS COURSE.		GRADS			

0597	Teaching and Practicum - OJT - Course, work experience is gained within the public school sector. Although goals may be set cooperatively by the student, teacher, and employer, classroom attendance or experience is not an integral part of the Teaching and Practicum - OJT experience.	10-12 Code	Human Services	Education and Training	
0599	Family and Consumer Sciences Education - Recommended for Students Grades 6 - 12 – Other. Typically used with advanced dual credit topics.	6-12	Hospitality and Tourism		
0603	Cosmetology - Licensing - Recommended for Students Grades 11 - 12 - Courses provide students with the knowledge and skills applicable to the care of hair, skin, and nalls, and prepare students for the state's Board of Cosmetology examinations. Almost always a series of courses with a specified number of instructional hours, Cosmetology-Licensing courses also require applied experience. Course content covers such topics as human anatomy and skin conditions, chemistry and bacteriology, sanitation and sterilization, state laws and regulations, and shop management. Experiences are provided in shampooing, cutting, styling, bleaching, coloring, tinting, waving, and relaxing hair; and providing facials and manicures.		Human Services		
0604	Barbering - Recommended for Students Grades 11 - 12 - Courses provide students with the skills and experience to shave, style, and trim mustaches and beards, and to cut, shampoo, and style hair. Course topics include hygiene, skin and scalp disease, and use of equipment. Barbering courses may aim to prepare students for the state's licensing examinations and may include topics similar to those included in Cosmetology courses.	11-12	Human Services		

0605	Cosmetology-Non licensing - Recommended for Students Grades 11 - 12 - Courses provide students with the knowledge and skills applicable to the care of hair, skin, and nails, but do not necessarily prepare students for the state's Board of Cosmetology examinations. Experience is gained in hair care, facials, and manicures; course topics may include human anatomy, sanitation and sterilization, and chemistry and bacteriology. Shop management and state regulations may be included.		Human Services			
0606	Cosmetology-Nail Specialization - Recommended for Students Grades 11 - 12 - Courses offer experience in providing manicures, pedicures, and nail extension treatments. These courses may also include topics such as hygiene; entrepreneurship, human relations, and other related subject matter.		Human Services			
0607	Cosmetology-Facial Specialization - Recommended for Students Grades 11 - 12 - Courses offer information and experience related to skin care, the provision of facials, make up application, and facial massage. These courses may also include topics such as hygiene and sanitation, human anatomy and skin conditions, entrepreneurship, and/or human relations.		Human Services			
0695	Cosmetology-Related Subjects - Recommended for Students Grades 11 - 12 - Courses in this category offer instruction in related topics that are necessary or helpful in cosmetology occupations; such topics may include mathematics, science, entrepreneurship, and so on.		Human Services			

8690	Cosmetology Internship - Recommended for Students Grades 11 - 12 - Courses provide work experience in the cosmetology field supported by classroom attendance and discussion. Goals are set for the employment period; classroom experience may involve further study in the field, improvement of employability skills, or discussion regarding the experiences and problems encountered on the job.	11-12	Human Services					
0699	Cosmetology - Other - Recommended for Students Grades 11 - 12 — Other. Typically used with advanced dual credit topics.	11-12	Human Services					
0701	Drafting Careers Exploration - Recommended for Students Grades 6 - 8 - This course is geared for students with a possible interest in careers that use drafting skills and applications. Drafting Careers Exploration courses expose students to the opportunities available for a draftsperson (engineering, architectural, industrial, and other fields). These courses serve to introduce basic skills and the field in general, providing students the opportunity to identify a focus for continued study or to determine that their interests lie elsewhere.	6-8						
0702	Drafting-General - Recommended for Students Grades 9 - 12 - Courses usually offered as a sequence of courses, introduce students to the technical craft of drawing illustrations to represent and/or analyze design specifications, and then refine the skills necessary for this craft. Drafting-General courses use exercises from a variety of applications to provide students with the knowledge and experience to develop the ability to perform freehand sketching, lettering, geometric construction, multi-view projections, and to produce various types of drawings (working, detail, assembly, schematic, perspective, and so on). Computer aided drafting (CAD) systems (if available) are typically introduced and used to fulfill course objectives.		Agriculture, Food and Natural Resources	Science Technology Engineering and Math	Arts Audio-Video Technology and Communications	Architecture and Construction		

0703	Drafting-Architectural - Recommended for Students Grades 10 - 12 - Courses introduce and refine the technical craft of drawing illustrations to represent and/or analyze design specifications, using examples drawn from architectural applications. General drafting skills are developed, but a particular emphasis is placed on interior and exterior residential (and light commercial) design, site orientation, floor plans, electrical plans, design sketches, and presentation drawings. Students may prepare scale models.	10-12	Science, Technology, Engineering and Math	Manufacturing	Architecture and Construction	Arts, Audio-Video Technology and Communications		
0704	Drafting-Civil/Structural - Recommended for Students Grades 10 - 12 - Courses introduce and refine the technical craft of drawing illustrations to represent and/or analyze design specifications, using examples drawn from civil engineering and/or structural applications. General drafting skills are developed, but a particular emphasis is placed on skills needed for typography and survey work.		Science, Technology, Engineering and Math	Manufacturing	Architecture and Construction	Arts, Audio-Video Technology and Communications	Government and Public Administration	
0705	Drafting-Electrical/Electronic - Recommended for Students Grades 10 - 12 - Courses introduce and refine the technical craft of drawing illustrations to represent and/or analyze design specifications, using examples drawn from electric and/or electronic fields. General drafting skills are developed, but a particular emphasis is placed on skills needed for electrical and electronic schematics.	10-12	Manufacturing	Arts Audio-Video Technology and Communications	Architecture and Construction	Science Technology Engineering and Math		
9706	Drafting-Technical/Mechanical - Recommended for Students Grades 10 - 12 - Courses introduce and refine the technical craft of drawing illustrations to represent and/or analyze design specifications, using examples drawn from industrial applications. General drafting skills are developed, but a particular emphasis is placed on sectioning, auxiliary versevolutions, and surface development. Basic machining and fabrication processes may be introduced as students draw schematic diagrams featuring cams, gears, linkages, lever, pulleys, and so on. Drafting-Technical/Mechanical courses are often used as prerequisites for other drafting courses.		Manufacturing	Arts Audio-Video Technology and Communications	Architecture and Construction	Science Technology Engineering and Math		

0707	Computer Design and Software - Recommended for Students Grades 10 - 12 - Frequently offered as an intermediary step to more advanced drafting courses (or as a concurrent course): Computer Design and Software courses introduce students to the computer aided drafting systems available in the industry.	10-12	Description	Information Technology	Architecture and Construction	Manufacturing	Science Technology Engineering and Math		
0712	Blueprint Reading-General - Recommended for Students Grades 10 - 12 - Courses provide students with the knowledge and ability to interpret the lines, symbols, and conventions of drafted blueprints. The general emphasis is on interpretation, not producino, of blueprints, although the courses may provide both types of experiences. General Blueprint Reading courses use examples from a wide variety of industrial and technological applications.	10-12		Manufacturing	Architecture and Construction	Manufacturing			
0715	Architecture\al Engineering 2 - Grades 10-12 - In Architectural Engineering II, the student develops a set of house plans using computers in drawing and problem-solving activities. The student incorporates advanced commands into projects and integrates general employability skills with architectural coursework.	10-12	Description	Science, Technology, Engineering and Math	Architecture and Construction				
0716	Architectural Engineering 3 – Directed Studies – Grades 11-12 - In Architectural Engineering 3 – Directed Studies, the student pursues advanced directed study in an area of Architectural graphics, building on the skills developed in earlier Architectural Engineering courses. The Student produces a project(s) that demonstrates knowledge of Architecture content guided by the instructor. Student has the ability to work independently, to form goals, become familiar with careers and develop work habits of professionals. Literacy is integrated throughout the course.		Description	Architecture and Construction	Science Technology Engineering and Math	Manufacturing			

0717	Architectural Engleering 4 – Independent Studies – Grade 12- In Architectural Engleering 4 - Independent Studies, a student pursues advanced individual study in an area of Architectural graphics through an Industry work-site experience or through an independent and instructor guided project. The student assumes responsibility for identifying, pursuing, and culminating an activity that expands knowledge about some phase of the Architecture industry. Student researches career fields and employability requirements that fit the skills developed in the course. Literacy is integrated through the course.	Description	Architecture and Construction	Science Technology Engineering and Math	Manufacturing		
0718	Computers and Engineering 2 - Grades 10-12- In Computers and Engineering II, the student utilizes the computer to learn advanced drafting techniques while applying drafting theories and standards to solve design problems. The student focuses on the integration of general employability with the course design problems.	Description	Architecture and Construction	Science Technology Engineering and Math	Manufacturing		
0719	Computers and Engineering 3 – Directed Studies – Grades 11-12- In Computers and Engineering 2 – Directed Studies, the student pursues advanced directed study in an area of Engineering graphics, building on the skills developed in early Computers and Engineering courses. The student produces a project(s) that demonstrates knowledge of Engineering content guided by the instructor. Student has the ability to work independently, to form goals, become familiar with careers and develop work habits of professionals. Literacy is integrated throughout the course.	Description	Architecture and Construction	Science Technology Engineering and Math	Manufacturing		
0720	Computers and Engineering 4 – Independent Studies – Grade 12 - In Computers and Engineering 4 – Independent Studies, a student pursues advanced individual study in an area of engineering graphics through an industry work-site experience or through an independent and instructor guided project. The student assumes responsibility for identifying, pursuing, culminating an activity that expands knowledge about some phase of the Engineering industry. Student reaches career field and employability requirements based on skills developed in this course. Literacy is integrated throughout the course.	Description	Architecture and Construction	Science Technology Engineering and Math	Manufacturing		

0795	Drafting-Related Subjects - Recommended for Students Grades 10 - 12 - Courses in this category offer instruction in related topics that are necessary or helpful in drafting occupations; such topics may include mathematics, art, design, technical reading, or other related topics.	10-12		Architecture and Construction	Manufacturing		
0796	Drafting-Independent Study - Recommended for Students Grades 10 - 12 - Courses often conducted with instructors as mentors enable students to explore drafting related topics of interest in greater depth and detail. Independent Study courses may serve as an opportunity to expand expertise in a particular industry application, to explore a topic of special interest within a related industry, or to develop greater drafting skills.			Architecture and Construction			
0798	Drafting-Co-Op - Recommended for Students Grades 11 - 12 - Courses provide work experience in marketing careers, and are supported by classroom attendance and discussion. Goals are set for the employment period; classroom experience may involve further study in the field, improvement of employability skills, or discussion regarding the experiences and problems encountered on the job.			Architecture and Construction			
0799	Drafting - Recommended for Students Grades 6 - 12 - Other. Typically used with advanced dual credit topics.			Architecture and Construction			

0801	Standardized Test Preparation - Courses help prepare students for national standardized tests such as the PSAT, SAT, and ACT. These courses seek to develop and/or expand students' vocabulary, test taking, and reasoning skills through study, lecture, and practice drills. Course topics may include vocabulary review; root words, prefixes, and suffixes; mathematical concepts, logic, and rules; and general problem solving and test taking strategies.					
0802	State Test Preparation - Courses prepare students for particular state tests required for graduation. These courses may cover specific content areas (such as clitzenship, mathematics, language arts, and so on) according to individual student needs, or may be a more general course of study, similar to the Standardized Test Preparation course described above.					
0803	Study Skills - Courses prepare students for success in high school or for post-secondary education. Course topics may vary according to the audience, but may include reading improvement skills, such as scanning, note taking, and outlining; library and research skills; listening, note taking, and vocabulary skills; and test taking skills. The course may also include exercises to generate organized and logical thinking and writing.					
0804	Speed Reading - Recommended for Students Grades 6 - 12 - Courses prepare students for success in reading a variety of materials. Course topics may vary according to the audience, but may include vocabulary skills; test taking skills; and speed-reading. A student should already be a reader before attempting to speed read. Speed -reading will not help if the student has problems in comprehension and vocabulary.					

0805	Media Literacy - Recommended for Students Grades 6-12 - Course will guide students to learn the process of analyzing, evaluating and creating messages in a wide variety of media modes, genres and forms. Students will use an inquiry-based instructional model that encourages them to ask questions about what they watch, see and read. They will learn was to access, analyze, evaluate and produce communication in a variety of forms. This course will help students understand the ways that words, images and sounds influence the way meanings are created, manipulated and shared in our contemporary global society.					
0811	Dropout Prevention Program - Recommended for Students Grades 7 - 12 - Courses vary widely, but typically are targeted for students who have been identified as being at risk of dropping out or falling out of school. Course content may include study skills and individual tutorials; job preparation, readiness, application, or interview skills; communication skills; personal assessment and awareness activities; speaker presentations; and small group seminars.					
0814	Multicultural Studies - Recommended for Students Grades 7 - 12 - Course will provide students with a variety of experiences that directly relate to family heritage and multicultural diversity found in New Mexico. Students will participate in activities that assist in recognizing and understanding the dialectical differences found in New Mexico. This course will help students to understand variations in languages spoken, and help maintain a bridge in communications between generations. Students will also learn techniques for using church records, family histories (both written and oral), and other public documents to discover their personal backgrounds through the study of family genealogies.					
0815	Reconnecting Youth Program - Recommended for Students Grades 7 - 12 - Course teaches student the social skills needed for independent functioning within the community. The objective is to reduce risk factors and enhance protective factors linked with adolescent behaviors and adolescent drug involvement. Topics may include self-control, self-expression, decision-making, appropriate behavior, and how to interact with others and maintain relationships. Strategies utilized include social support and life skills training in personal growth curriculum, social activities and school bonding. It builds strong self-confidence, increases self-esteem, attendance and academic achievement.					

0817	Drivers' Education-Classroom Only - Courses provides students with the knowledge to become sale drivers on America's roadways. Legal obligations and responsibility, rules of the road and traffic procedures, safe driving strategies and practices, and the physical and mental factors affecting the driver's capability (including alcohol and other drugs) are all included as topics of this course.	e I				
0818	Drivers' Education-Classroom and Laboratory - Courses provide students with the knowledge and experience to become safe drivers on America's roadways. Legal obligations and responsibility, rules of the road and traffic procedures, safe driving strategies and practices, and the physical and mental factors affecting the driver's capability (including alcohol and other drugs) are all included as topics of this course. Experience in driving a vehicle is an essential component of this course; students usually receive their learner's permit and/or driver's license during or as a result of this course.					
0821	Student Aide - Recommended for Students Grades 7 - 12 - Course provides students with the opportunity to work in one of several campus offices (front, attendance, guidance, athleti offices, in the library or audio visual center, or with individual teachers), assisting the appropriate professionals with their duties. Note: if the particular area (office or subject) is known, use the codes below or within the particular subject area.					
0822	Office Aide - Recommended for Students Grades 7 - 12 - Course provides students with the opportunity to work in campus offices, developing skills related to clerical office work Duties may include, among others, typing, filing, record keeping, receiving visitors, answering the telephone, and duplicating. Emphasis is placed on appropriate work attitude, human relations, and proper office procedures.					

0823	Teacher Aide - Recommended for Students Grades 7 - 12 - Course provides students with the opportunity to assist teachers with classroom duties. Note: if the particular subject area is English Language and Literature or Life and Physical Science, use the code associated with the aide course within that subject area.					
0824	Guidance Aide - Course provides students with the opportunity to work in the campus guidance office. Duties may include, among others, typing, filing, record keeping, assisting students, answering the telephone, and duplicating. Students may also act as guides to new students. Emphasis is placed on appropriate work attitude, human relations, and proper office procedures.					
0825	Library/AVC Aide - Course provides students with the opportunity to work in the library or audiovisual center. Duties may include collecting, distributing, and categorizing materials; operating audiovisual equipment; assisting students and teachers; and clerical duties. Students typically gain experience in library science and/or media and audiovisual technology.	7-12				
0831	Tutoring Practicum - Course provides students the opportunity to offer tutorial assistance to their peers or to younger students. After an initial training period during which students learn how to work with other students and how to capitalize on the available resources (e.g., staff, written material, audiovisual aids, etc.), students engage in tutoring and assisting others who need or request help.					

0832	Tutorial - Course provides students with the assistance they need to successfully complete their coursework. Tutors may be teachers or other students. Students may receive help in one or several subjects, according to their individual needs.	7-12				
0833	Study Hall - Recommended for Students Grades 7 - 12 - Course provides students with the opportunity and time to complete classroom assignments or school projects. Students typically work on their own, without the help of a tutor; however, they are supervised and usually remain in the classroom.					
0841	Leadership Course is designed to strengthen students' personal and group leadership skills, typically intended for students involved in extracurricular activities (especially as officers of organizations or student governing bodies). Leadership courses may cover topics such as public speaking, effective communication, human relations, parliamentary law and procedures, organization and management, and group dynamics.					
0842	School Orientation - Courses provides an introduction to the culture of the school so that students may understand staff expectations and the school's structure and conventions. School Orientation courses are typically offered at private, alternative, or experimental schools and may vary widely according to the aims and methods of the school itself.					

0843	School Governance - Course convenes students as an entire student body to discuss common concerns, organize groups for action, make decisions, and solve school related problems. Because of the nature of the course, School Orientation courses are typically offered at private, alternative, or experimental schools.	7-12				
0851	Community Service - Course provides students with the opportunity to receive school credit for volunteering their time, energy, and talents in a community service organization and public schools. The courses are usually four not always) conducted with a seminar component, so that students' volunteer experiences can be used as learning experiences in problem solving, decision-making, and effective communication.					
0852	Executive Internship with Seminar - Course provides students with the opportunity to work alongside a community leader, administrator, or other type of professional, learning the concepts of management and professional activities. These courses have an in school component as well such as a seminar class) to discuss the employment experience, aspects of the business world, and problems encountered	7-12				
0853	Executive Internship without Seminar - Course provides students with the opportunity to work alongside a community leader, administrator, or other type of professional, learning the concepts of management and professional activities. These courses do not have a regular in school component (although the students typically have access to a school official, teacher, or coordinator to discuss concerns or problems).	7-12				

0861	Values Clarification - Course enables students to undertake an exploration of individual and societal actions and implications, moving toward the development of a personal value structure and decision making process. Examples of discussion topics include philosophy and religion, world resource allocation, genetic engineering, environmental issues, and death.					
0862	Seminar - Courses vary widely, but typically offer a small peer group the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigative skills, presentation skills, interpersonal skills, group process skills, and problem solving and critical thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.					
0864	Mediation - Course offers students a positive way to settle disputes. Students learn conflict mediation and decision-making skills and learn to develop problem-solving strategies. Peer Mediation provides a neutral environment in which students can solve conflicts by talking to each other.	7-12				
0871	Supercomputing Challenge – New Mexico Computer Science for All -New Mexico Computer Science for All - a computational science course open to all high school students. This semester long course uses computer modeling as an introduction to computer science and computational thinking while exposing students to the breadth of applicability of computer science to solving real-world problems. Computer programming exercises and activities in an agent-based modeling environment (NetLogo) lead up to building a computational science project that meets the criteria set by the Supercomputing Challenge. Students will become familiar with the iterative design, build, and test development cycle common to computer science constructs, processes and tools while creating models of local phenomena as complex systems. Students will also learn mathematics for modeling, probability and statistics, and data analysis techniques.					

0872	Chess - Recommended for Students Grades 7 - 12 - Course designed for students who wish to learn and develop an advanced level of performance skills and knowledge of concepts related to the game of chess. The course will focus on knowledge of rules, principles of chess, chess theory, winning tips, game strategies, and the history of the game. Students will develop skills through a variety of class activities.						
0873	Math Engineering Science Achievement (MESA) - Course incorporates hands on, real-world math activities into a variety of practical scientific situations by using experimental skills and processes to reach solutions. Students are challenged to discover hidden principles of math, science, engineering, and technology and apply these principles through the use of critical thinking, problem solving, and decision making by using theoretical frameworks, and by developing prototypes and working models.						
0874	Corps Movement - Course emphasizes physical conditioning fundamentals of movement, group precision, and public performance. The course may be intended for members of various teams, including flag corps, rifle corps, cheerleading squads, and so on. (Not permitted as physical education credit in New Mexico.)						
0880	Job for America's Graduates (JAG) Career Awareness - Recommended for Students Grades 9 - 12 - Course includes in-classroom instruction for high school sophomores. Students will develop the following competencies in a structured JAG curriculum: Career development encompasses students' awareness of special aptitudes, abilities, interestite goals and desired life styles. Students acquire Information about the world of work, various occupations and career paths. Students develop basic writing and marth skills critical to success both on the job and in everyday life. Leadership skills develop functional team and organizational skills. Personal skills enable students to understand and develop value systems, responsibility, and decision-making skills and to set realistic goals.		JAG	Human Services			

aduates (JAG) Career and Job Exploration - Recommended for 11 - Course includes in-classroom instruction for students to develop ncies within a structured JAG curriculum. Students build on prior										
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perience (ACE) I - Grades 9-12 - Through work experiences as the student explores personal and career interests, aptitudes and nagement of time, health, and finances are also included. The of a productive and successful career are examined: technical and ethical behavior, and goal setting. Literacy strategies are ecourse.										
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0	889	Academic Career Experience (ACE) III – Grades 11-12 – Through work experiences the student continues to develop career decision-making and employability skills to further expand and gain an in depth understanding of workplace cultures and expectations. The student demonstrates an understanding of the competing demands and responsibilities that are part of the world of work and learns how to balance those roles in his/her own life. The ability to work well with others; understand complex interrelationships; work with a variety of technologies; acquire and use information; organize, plan, and allocate resources; and safety are included in the curriculum and evidenced through a portfolio. Literacy strategies are integrated throughout the course.		ACE			
0	890	College Success - Recommended for Grades 11 - 12 - This course is designed to provide students with tools, techniques, and resources to enhance academic performance and persistence. Concepts covered in this class will assists students in the transition to college and/or concurrent/dual credit enrolment. Time and stress management, college expectations and procedures, learning and teaching styles, study skills and career planning are a focus of the course.					
0	391	AVID 6-8 – Grades 6-8 – Advancement Via Individual Determination (AVID 6, 7, 8) is an academic elective course that prepares students for success in high school and future college level coursework. This class focuses on developing writing, inquiry, collaboration, and reading through the content areas as well as communication, self-advocacy, leadership, and organization/time management skills.		AVID			
0	892	AVID 9 — Grade 9 — Advancement Via Individual Determination (AVID 9) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth. AVID 9 assists in students in becoming aware of interests, talents, abilities, as well as planning for personal and academic development.		AVID			

0893	AVID 10 – Grade 10 – Advancement Via Individual Determination (AVID 10) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, modivational activities and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth. AVID 10 continues to assist students in becoming aware of interests, latents, abilities, as well as planning for personal and academic development, and refining personal and academic goals.	10	AVID				
0894	AVID 11 – Grade 11 – Advancement Via Individual Determination (AVID 11) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilited study groups, motivational activities and academic survival skills. The course emphasizes thetorical reading, analytical writing, collaborative discussion strategies, tutorial inquiry study groups, preparation for college entrance and placement exams, college study skills and test-taking strategies, note-taking and research.	11	AVID				
0895	AVID 12 – Grade 12 – Advancement Via Individual Determination (AVID 12) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilities study groups, motivational activities and academic survival skills. The course continues to emphasize rhetorical reading, analytical writing, collaborative discussion strategies, tutorial inquiry study groups, preparation for college entrance and placement exams, college study skills and test-taking strategies, note-taking and research. College essays, interviews, and decision factors for college selection are addressed as well.						
0896	Independent Research - Course typically organized as a mentorship with a teacher or outside professional, enables students to conduct investigations related to their field(s) of interest. Note: if the particular subject area is known, use the code associated with the Independent/Directed Study course within that subject area.	9-12	AVID				

08		AP Seminar – Grades 10-11 - This course is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal acocunts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		АР				
08		AP Research – Grades 11-12 - This course allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan and conduct a yearlong mentored, research-based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methods; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. The course culminates in an academic thesis paper of approximately 5,000 words and a presentation, performance, or exhibition with an oral defense. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		АР				
03	199	Elective Activities - Other - Recommended for Grades 7 - 12 — Other. Typically used with advanced dual credii topics.						
03		Introduction to Automobiles - Recommended for Students Grades 9 - 12 - Course primarily intended as a personal automobile technician course, but also designed for students exploring future careers in automotive technologies. Introduction to Automobiles courses offer an introduction to the various mechanical systems in automobiles and basic experience in maintenance tasks. The course may also cover career opportunities in the auto and/or transportation field.			Transportation, Distribution and Logistics			

0911	Introduction to Transportation - Recommended for Students Grades 9 - 12 - Course introduces the principles underlying various kinds of transportation (aircraft, auto, diesel, and marine) and how energy is converted, transmitted, and controlled. The courses also provide information on career opportunities within the field of mechanics and/or transportation. Students learn employability skills, use of tools, and safety.		Transportation, Distribution and Logistics			
0912	Automotive Technology-Comprehensive - Recommended for Students Grades 9 - 12 - Automotive Service courses emphasize preventative auto maintenance and automobile troubleshooting. Course content typically includes tune-up, oil change, and lubrication skills; tire replacement, alignment, and balancing; and basic knowledge of brake, cooling, electrical, emission, fuel, ignition, steering, suspension, and transmission systems. These courses may also include public relations, sales techniques, and service station management.		Transportation, Distribution and Logistics			
0913	Particular Topics in Automotive Technology - Recommended for Students Grades 9 - 12 - Course provides instruction in particular topics in the field of auto technology. Although typically covering the diagnosis and repair of automobiles, these courses concentrate upon or emphasize a particular system or condition, such as transmissions, brakes, fuel, exhaust, or electrical systems.		Transportation, Distribution and Logistics	Science, Technology, Engineering and Math		
0915	Diesel Mechanics-General - Recommended for Students Grades 10 - 12 - Course prepares students to maintain and repair diesel engines and related systems. Specific course topics may include principles underlying diesel engines, analyzing electrical circuits and systems, troubleshooting and repairing cooling systems, testing and repairing AC charging systems, reading and interpreting service manuals, and identifying the principles and components of fuel injection systems. Courses may also cover safety, employability skills, and entrepreneurship.		Transportation, Distribution and Logistics	Agriculture, Food and Natural Resources		

0916	Particular Topics in Diesel Mechanics - Recommended for Students Grades 10 - 12 - Course covers specific topics relevant to occupations involving the maintenance and repair of vehicles with diesel engines, such as buses and trucks. One topic (or several closely related topics) concerning diesel mechanics is covered in specific detail in this type of course.	10-12	Transportation, Distribution and Logistics	Agriculture, Food and Natural Resources			
0917	Motorcycle Mechanics - Recommended for Students Grades 10 - 12 - Course provides training for prospective motorcycle repairers and mechanics. Topics include (but are not limited to) the maintenance of frames and suspension, wheels and brakes, and drive trains: the servicing of fuel, exhaust, and electrical systems; performance of tune ups; and the maintenance and repair of motorcycle engines. Students may also learn safety on the job, employability skills, and entrepreneurship.	10-12	Transportation, Distribution and Logistics	Agriculture, Food and Natural Resources			
0918	Small Engine Mechanics - Recommended for Students Grades 10 - 12 - Course provides students with the opportunity to learn to service and recondition small engines. Typically, two and four cycle engines are emphasized, although content may also include others. Opportunities are provided to troubleshoot and repair speed controls, lubrication, ignition, fuel, power transfer, cooling, exhaust, and starting systems; use hand, power, and overhaul tools; read and interpret service manuals and parts' catalogs. Applications may include lawn mowers, tractors, tillers, power tools, and so on		Transportation, Distribution and Logistics	Agriculture, Food and Natural Resources			
0919	Marine Mechanics - Recommended for Students Grades 10 - 12 - Course includes the service and repair of electrical, mechanical, power transfer, hydraulic, fuel, and cooling systems as applied to boat and/or ship engines; boat rigging; trailers; and sales merchandise. Courses may also cover communication, human relations, and employability skills, as well as safe, efficient work practices.	10-12	Transportation, Distribution and Logistics	Agriculture, Food and Natural Resources			

0920	Auto Tech 2 - Grades 10 – 12 - This is a second sequential course in an automotive program of study meant to take a student into higher- level knowledge and skill development.	10-12	Transportation, Distribution and Logistics				
0921	Auto Tech 3 - Grades 10 – 12 - This is a third sequential course in an automotive program of study meant to take a student into higher- level knowledge and skill development.		Transportation, Distribution and Logistics				
0922	Aircraft Power Plant - Recommended for Students Grades 10 - 12 - Course provides the information necessary to troubleshoot, test, repair, and install aircraft engines. Course content usually includes engine ignition, electrical, lubrication, cooling, exhaust, and fuel systems, along with aircraft instrumentation and safety features.		Transportation, Distribution and Logistics	Science, Technology, Engineering and Math			
0923	Aircraft Airframe - Recommended for Students Grades 10 - 12 - Course offers information and instruction related to the structure and mechanics of aircraft, typically including hydraulic and pneumatic, instrumental, fuel, electrical, cabin atmosphere, and landing gear systems. Aircraft metals and coverings and related welding skills are also covered within Aircraft Airframe courses.		Transportation, Distribution and Logistics	Science, Technology, Engineering and Math	Manufactoring		

0933	Automotive Detailing and Reconditioning - Recommended for Students Grades 10 - 12 - Course provides training for employment as an automotive body or related repairer, an automotive detailer, and a new and used car preparation person. In these courses, students learn occupational safety rules; employability and entrepreneurship skills; how to clean vehicle interiors, engines, and exteriors; how to recondition paint and vinyl vehicle surfaces; how to perform minor upholstery and vinyl repairs; and how to apply vinyl pinstripes and window tint.		Transportation, Distribution and Logistics			
0942	Automotive Body Repair and Refinishing-General - Recommended for Students Grades 10 - 12 - Course provides training for occupations involving the repair and refinishing of damaged or used cars. Course content may include (but is not limited to) stretching and shinking auto body sheet metal; welding skills; frame and metal straightening; repair of liberglass and synthetic materials; removing, repairing, and installing auto body parts such as panels, hoods, doors, and windows/glass; preparing vehicles and vehicle surfaces for refinishing; painting; applying body fillers; and estimating material and labor costs.		Transportation, Distribution and Logistics			
0943	Particular Topics in Automotive Body Repair and Refinishing - Recommended for Students Grades 10 - 12 - Course provides specific instruction in individual topics relevant to the repair and refinishing of automobile bodies and surfaces. One topic or several closely related topics (such as non-structural part replacement, auto body welding, or plastic repair) receive particular attention in this type of course.		Transportation, Distribution and Logistics			
0944	Boat Repair/Refinishing - Recommended for Students Grades 10 - 12 - Course conveys a broad range of information and skills about how to repair and refinish boat mechanics structures, and surfaces. In these courses, students become proficient in marine terminology, learn to describe types of marine manufacturing and occupations, and learn to prepare new and existing wood, fiberglass, and metal surfaces for painting or refinishing. Safety, employability skills, and entrepreneurship are also included.	10-12	Transportation, Distribution and Logistics			

0953	Aviation - Recommended for Students Grades 10 - 12 - Course provides an understanding of the science of flight and typically includes the history, regulations, and possible career paths within the aviation industry. Physics, the relationships of weight and balance, principles of navigation and flight control, airport operations and services, and Federal Aviation Agency regulations.		Transportation, Distribution and Logistics	Science, Technology, Engineering and Math				
0954	Barge and Boat Operation - Recommended for Students Grades 10 - 12 - Course prepares students for employment as ship, boat, and barge mates, boatswains, and deck hands. These courses cover navigation, operation, maintenance, loading and unloading, and emergency procedures, as well as skills necessary for life at sea (for example, cooking). Specific topics may include docking and undocking a vessel, engine maintenance, using navigational equipment such as chronometers and compasses, firefighting aboard ship, and CPR.		Transportation, Distribution and Logistics					
0955	Aviation II - Recommended for Students Grades 10 - 12 - Course is a continuation of Aviation I with emphasis on instruction in basic mechanics and instrumentation of an aircraft engine, airframe and GPS (Global Satellite Systems); ground school. Interested students will be able to pass the private pilot written exam by the end of the school year. They may acquire airport management skills.	t I	Transportation, Distribution and Logistics	Science, Technology, Engineering and Math				
0963	Energy/Power - Recommended for Students Grades 10 - 12 - Course focuses on one or several aspects of energy and power in transportation and work. Course content may include various sources of energy and their use in society. For example, characteristics, availability, conversion, storage, environmental impact, and socioeconomic aspects of various energy sources; principles involved in various means of energy transfer, such as electricitylectoraics, hydraulics, pneumatics, heat transfer, and wind/huclear/solar energies; and the transmission and control of power through mechanical or electrical devices such as motors and engines.		Architecture and Construction	Science Technology Engineering and Math	Agriculture, Food and Natural Resources	Transportation Distribution & Logistics		

0964	Advanced Career - Energy and Power Foundations 9 - 12 - This course aligns to SREB's Advanced Career Curriculum that engages students in a variety of hands-on, authentic projects to learn about energy and power methods through the design and construction of motors, pumps, heat exchangers, hydraulics and pipeline systems. These are the technologies used in large power plant systems to run and maintain processes in energy generation plants. Through contextual projects, students will learn and apply physics, chemistry, fluid mechanics, thermodynamics, algebra and statistics in learning how these systems interact in the energy and power arena. Students will learn how engineers and technicians use these systems in the real world to optimize efficiency.	9-12	SREB	Science, Technology, Engineering and Math			
0965	Advanced Career - Energy Transmission and Distribution 9 - 12 - This course aligns to SREB's Advanced Career Curriculum focuses on energy transmission and consumer usage. Through projects, students are introduced to AC and DC power, transformers, the electrical grid. Smart Grid, and consumer load on the electrical system. To complete projects, students will use Ohm's law, Joule's law of heating, root mean square, Pythagorean Theorem and trigonometric principles. Students will learn how energy travels along power lines and is converted from direct current to alternating current to end up, ultimately, in homes and businesses. Students will gain an understanding of how power companies move power stepping it up and down to meet the needs of the end-user — by designing working transformers, capacitors, inverters and a power supply. This course is sequenced after the Advanced Career- Energy and Power Foundations course 0964.	9-12	SREB	Science, Technology, Engineering and Math			
0966	Advanced Career - Electronics and Control Systems 9 - 12 - In this aligned course to SREB's Advanced Career Curriculum, students will build on the knowledge and experience gained in the first two foundational courses. Through projects, students will apply their knowledge to more advanced systems and learn how to program and use National Instrument's LabVIEW software and the myDAQ (data acquisition device). Students will study advanced topics in energy and power such as smart-home automation, plant-level process control, natural gas pipeline monitoring, energy storage and wind power. Each project presents students with a design problem that will require them to not only design and build a prototype, but also develop the software program that will test the prototype and agreement prototype and spart measurable, quantifiable data. This course is sequenced after the Advanced Career- Energy Transmission and Distribution course 0965.	9-12	SREB	Science, Technology, Engineering and Math			
0967	Advanced Career - Advanced Science and Engineering Systems 11 - 12 - Through well- developed projects in this advanced course that aligns to SREB's Advanced Career Curriculum, students will assume the roles of building technicians, design engineers, recreational engineers, electrical technicians and CEOs, while learning about real-world energy and power issues. Students will work with industry mentors to independently tackle energy and power issues. Students will work with industry mentors to independently tackle to allow students more choice in determining the final product for each project. This course incorporates knowledge of multiple sources of energy, engineered systems, societal impact and "the business of energy" as students engage in projects involving maglev trains, advanced concepts in steam energy, carbon sequestration and coal, hydraulic fracturing, alternative forms of fuel in transportation and environmental compliance. This course is sequenced after the Advanced Career - Electronics and Control Systems 0966.	11-12	SREB	Science, Technology, Engineering and Math			
		11-12	SREB				

0995	Transportation Technology-Related Subjects - Recommended for Students Grades 10 - 12 - Course in this category offers instruction in related topics that are necessary or helpful in occupations involving transportation technologies; such topics may include mathematics, science, and/or technical reading	ı		Transportation, Distribution and Logistics	Science, Technology, Engineering and Math		
0998	Transportation Technology Internship - Recommended for Students Grades 11 - 12 - Course provides work experience in the transportation field, supported by classroom attendance and discussion. Goals are set for the employment period; classroom experience may involve further study in the field, improvement of employability skills, or discussion regarding the experiences and problems encountered on the job.			Transportation, Distribution and Logistics	Science, Technology, Engineering and Math		
0999	Transportation Technology - Recommended for Students Grades 9 - 12 — Other. Typically used with advanced dual credit topics.			Transportation, Distribution and Logistics	Science, Technology, Engineering and Math		
1000	English/Language Arts - Students in Middle School or Grades 6 - 8 - Course provides instruction in language arts skills with an emphasis on grammar, writing, and editing.						

1001	English/Language Arts I - Required for Graduation - Grade 9 - Course builds upon the students' prior knowledge of grammar, vocabulary, word usage, and mechanics of writing, and usually includes the four aspects of language use: reading, writing, speaking, and listening. Usually, the various genes of literature are introduced and defined, with writing exercises often linked to reading selections.					
1002	English/Language Arts II - Required for Graduation - Grade 10 - Course offers a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi paragraph thematic essays and compositions. The study of literature encompasses various genres as students improve their reading rate and comprehension and develop the skills to determine authors' intent and theme and to recognize the techniques employed by the author to achieve the goal.					
1003	English/Language Arts III - Required for Graduation - Grade 11 - Course continues to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses. Preparation for the PSAT may be included. MM 9-12 Language Arts Content Standards: IV-D-1, IX:A-1, IX:C:1-3, IX:D-1, II:A:1-3, II:B:1-2, II:C-1, IX:F:1. Common Core State Standards: W.1-12.2, W.1-1-12.5, RI.1-1-12.9, RI.1-1-12.3, RI.1-12.3, RI.1-12.1, RI.1-12.1, L.11-12.1, RI.11-12.1					
1004	English/Language Arts IV - Required for Graduation - Grade 12 - Course blends composition and literature into a cohesive whole, as students write critical and comparative analyses of selected literature. Typically, multi paragraph essays predominate as the form of student composition, but one or more major research papers may also be written.					

100	5	English/Literature – Elective - Grades 9 - 10- Course is designed for freshmen and/or sophomores and typically introduces two or more genres of literature (novel, short story, poetry, and so on). Exploration of each genre's literary elements; determination of theme and intent; and vocabulary and semantics are often included as part of the course content. Writing assignments may be required as an additional method to improve understanding and comprehension.				
100	6	English/Literature – Elective - Grades 11 - 12 - Course is designed for juniors and/or seniors and emphasizes comprehension, discernment, and critical thinking skills in the reading of texts and literature. More advanced literary techniques, such as irony, satire, humor, connotation, tone, rhythm, symbolism, are introduced and explored through two or more literary genres. Writing assignments may be required as an additional method to develop and improve critical thinking and analytic skills.				
100	7	English/Composition – Elective - Grades 9 - 10 - Course is designed for freshmen and/or sophomores and builds upon previous writing skills. These courses seek to develop the writing processes and practices necessary for producing successful high school compositions. Students typically learn to write persuasive, critical, and creative multi paragraph thematic essays and compositions. Literature may be studied as an accompaniment, to expose students to exemplary illustrations of various forms of writing.				
100		Englist/Composition - Elective - Grades 11 - 12 - Course is designed for juniors and/or seniors and builds upon previous writing skills. Reinforcing the logic and critical thinking skills that accompany good writing, these courses provide continued and advanced instruction in writing for a variety of purposes and audiences. Word choice, usage, and writing mechanics are frequently emphasized. English/Composition (upper level) courses may emphasize college or business preparation; literature study may be an additional component in order to analyze examples of several genres.				

1009	Language Arts Laboratory - Elective - Grades 9 - 12 - Course provides instruction in basis language skills, integrating reading, writing, speaking and listening while placing grea emphasis on individual student progress. Course content depends upon student abilities upon entrance into the course, and may include vocabulary building, spelling and grammar writing and composition, reading silently or aloud, and improving listening and comprehension abilities. Language Arts Laboratory courses may or may not be taught in a laboratory setting or resource center.						
1010	Literature -Elective - Grades 11 - 12 - Course offers the opportunity for students to study and reflect upon the themes presented in the body of literature being presented. Students improve their critical thinking skills as they determine the underlying assumptions and values within the reading selection, and as they understand how the work reflects society's profess and culture. Oral discussion is an integral part of literature courses and written compositions are sometimes required, often with an emphasis toward college preparation. Literature courses may survey representative works, reflect a particular genre or a specific theme, or survey works of a particular time or people.			Arts, Audio-Video Technology and Communications			
1011	Composition – Elective -Grades 9 - 12 - Course focuses on a student's writing skills, and develops the student's ability to compose different types of papers for different purposes and audiences. Descriptive, narrative, persuasive, or expositive styles are explored and practice as students write paragraphs, essays, letters, applications, formal documented papers, of technical reports. Although creative writing opportunities may be presented, the focus of composition courses usually remains on nonliction, scholarly, or formal writing.			Arts, Audio-Video Technology and Communications			
1012	AP English Language and Composition - Grades 11 - 12 - Course is designed to parallel college level English courses, AP English Language and Composition courses exposs students to prose written in a variety of periods, disciplines, and rhetorical contexts Emphasis is placed on the interaction of authorial purpose, intended audience, and this subject at hand; students learn to develop stylistic flexibility as they write compositions covering a variety of subjects and intended for various purposes. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		АР	Arts, Audio-Video Technology and Communications			

	1013	AP English Literature and Composition -Grades 11 - 12 - Course is designed to parallel college level English courses, AP English Literature and Composition courses enable students to develop critical standards for evaluating literature. Students study the language, character, action, and theme in works of recognized literary merit; enrich their understanding of connotation, metaphor, irony, syntax, and tone; and write compositions of their own (including literary analysis, exposition, argument, narrative, and creative writing). This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.	АР	Arts, Audio-Video Technology and Communications			
=	1014	IB Language A (English) - Grades 9 - 12 - Course prepares students to take the International Baccalaureate Language A exams at either the Subsidiary or Higher level. Course content includes in depth study of literature chosen from the IB recommended list of text, authors, written analyses of literature, in addition to other oral and written assignments. All course content is designed to improve students' accuracy and fluency in the English language. IB Language A (English) may be offered as a singular or progressive series of courses.	IB.	Arts, Audio-Video Technology and Communications			
	1015	English I Intervention Course – Elective - Does NOT count for High School Graduation Credit - Grade 9 – This class will be offered in conjunction with the regular English I core course and will offer support to students who need this assistance to pass the English I core course. This course can be taken concurrently with the required course, or in preparation, prior to taking the required course. The instructor of this course shall be guided by the standards-based core curriculum of the regular course. It will emphasize the skills, concepts and processes needed by the students. An intervention program can be thought of as a cycle consisting of three phases: diagnostic assessment, instructional actions and follow-up assessments.		Arts, Audio-Video Technology and Communications			
-	1016	English II Intervention Course – Elective - Does NOT count for High School Graduation Credit - Grade 10 - This class will be offered in conjunction with the regular English II core course and will offer support to students who need this assistance to pass the English II core course. This course can be taken concurrently with the required course, or in preparation prior to taking the required course. The instructor of this course shall be guided by the standards-based core curriculum of the regular course. It will emphasize the skills, concepts and processes needed by the students. An intervention program can be thought of as a cycle consisting of three phases: diagnostic assessment, instructional actions and follow-up assessments.		Arts, Audio-Video Technology and Communications			

1017	English III Intervention Course – Elective - Does NOT count for High School Graduation Credit - Grade 11 - This class will be offered in conjunction with the regular English III core course and will offer support to students who need this assistance to pass the English III core course. This course can be taken concurrently with the required course, or in preparation prior to taking the required course. The instructor of this course shall be guided by the standards-based core curriculum of the regular course. It will emphasize the skills, concepts and processes needed by the students. An intervention program can be thought of as a cycle consisting of three phases: diagnostic assessment, instructional actions and follow-up assessments.			Arts, Audio-Video Technology and Communications			
1018	English IV Intervention Course – Elective - Does NOT count for High School Graduation Credit - Grade 12 - This class will be offered in conjunction with the regular English IV core course and will offer support to students who need this assistance to pass the English IV core course. This course can be taken concurrently with the required course, or in preparation prior to taking the required course. The instructor of this course shall be guided by the standards-based core curriculum of the regular course. It will emphasize the skills, concepts and processes needed by the students. An intervention program can be thought of as a cycle consisting of three phases: diagnostic assessment, instructional actions and follow-up assessments.			Arts, Audio-Video Technology and Communications			
1019	Title 1 Reading – Elective - Grades K - 12 - Supplemental reading instruction provided with Title 1 funds to help children most in need to meet state standards.	K-12					
1020	Title 1 Language Arts – Elective - Grades K - 12 - Supplemental Language Arts instruction provided with Title 1 funds to help children most in need to meet state standards.						

1021	Creative Writing – Elective – Grades 6 - 12 - Course offers students the opportunity to develop and improve their technique and individual style in poetry, short story, drama, essays, and other forms of prose. The emphasis of the class is on writing, although exemplary representations and authors may be studied to provide a fuller appreciation of the form and craft. Although most creative writing classes cover several expressive forms, others may concentrate exclusively on one particular form (such as poetry or playwriting).						
1022	Technical Writing - Elective - Grades 9 - 12 - Course prepares students to write research papers and/or technical reports. Researching (primary and secondary sources), organizing (material, thoughts, and arguments), and writing in a persuasive or technical style are emphasized topics.		Science	Business	STEM		
1023	Poetry – Elective - Grades 9 - 12 - Students will learn and apply the elements of poetry; develop an appreciation for the language of poetry; become familiar with poets from various backgrounds and beliefs; and study multi-cultural and ethnic poetry.	9-12					
1024	Elementary Language Arts Intervention (Elementary setting)	K-6	Elementary				

1024	Elementary Language Arts Intervention (Elementary Setting) – Grades K-5 (may include 6-8 for Elementary Settings) - Use this course code to report students who are pulled out of their normal elementary homeroom class for language arts intervention. The intent of this course code is to tie student's diassroom subject areas to teachers for evaluations. Because this course is defined strictly for elementary classroom use, a person with a 200/208 K-8 Elementary Teaching License will be considered Highly Qualified without needing an endorsement equivalent in Language Arts.							
1025	Elementary Language Arts (Elementary setting)	K-6	E	ementary				
1025	Elementary Language Arts (Elementary Setting)— Grades K-8 This course covers applicable grade-level content in the New Mexico Language Arts Content Standards with a movement towards Common Core State Standards. All levels place an emphasis on reading, writing, and interpretation of text.			,				
1030	Library and information Literacy Skills – Elective -Grades 6 - 12 - An introduction to information skills: analyzing, evaluating, using and producing information resources information resources include all forms of recorded communication: fiction and non-fiction, print, non-print, and electronic media. This introduction will include training in the effective use of library and related resources.							

1031	Assisted Reading - Elective - Grades K - 12 - Course offers students the opportunity to focus on their reading skills. Assistance is targeted to students' particular weaknesses, and is designed to bring poor readers' reading comprehension up to the desired level, or to develop strategies to read more efficiently in order to progress through school (Elementary - High School).					
1032	Advanced Reading – Elective - Grades 10 - 12 - Course is intended to improve a student's vocabulary, critical thinking, and analysis skills, or reading rate and comprehension level. Although works of fiction are typically emphasized, nonfiction may also be included. Advanced Reading courses often have a time management focus, offering strategies for note taking or for understanding and evaluating the important points of a text.					
1033	Reading Intervention Course – Elective - Does NOT count for High School Graduation Credit - Grades 6 - 8 - This class will be offered for students who are below grade level and who need reading intervention to assist them in passing the English Language Arts classes in grades 6-8. This course will be prescriptive to the student's reading intervention needs. It will emphasize the skills, concepts and processes needed by the students. An intervention program can be thought of as a cycle consisting of three phases: diagnostic assessment, instructional actions and follow-up assessments.					
1034	Reading Intervention Course – Elective - Does NOT count for High School Graduation Credit - Grades 9 - 12 - This class will be offered for students who are below grade level and who need reading intervention to assist them in passing the English Language Arts classes in grades 9-12. This course will be prescriptive to the student's reading intervention needs. It will emphasize the skills, concepts and processes needed by the students. An intervention program can be thought of as a cycle consisting of three phases: diagnostic assessment, instructional actions and follow-up assessments.					

1035	Writing Intervention Course – Elective - Does NOT count for High School Graduation Credit - Grades 6 - 8 - This class will be offered for students who are below grade level and who need writing intervention to assist them in passing the English Language Arts classes in grades 6-8. This course will be prescriptive to the student's writing intervention needs. It will emphasize the skills, concepts and processes needed by the students. An intervention program can be thought of as a cycle consisting of three phases: diagnostic assessment, instructional actions and follow-up assessments.					
1036	Writing Intervention Course – Elective - Does NOT count for High School Graduation Credit - Grades 9 - 12 - This class will be offered for students who are below grade level and who need writing intervention to assist them in passing the English Language Arts classes in grades 9-12. This course will be prescriptive to the student's writing intervention needs. It will emphasize the skills, concepts and processes needed by the students. An intervention program can be thought of as a cycle consisting of three phases: diagnostic assessment, instructional actions and follow-up assessments.					
1037	SREB Literacy Ready Grade 12 - This Southern Regional Educational Board (SREB) course utilizes a disciplinary literacy approach that teaches students strategies for reading and understanding complex texts in various subject areas. Students learn to develop and defend ideas from textbooks and write about them in several disciplines such as English, history and biology on a college level. The unit structure conforms to the Literacy Design Collaborative (LDC) framework while addressing college- and career-readiness standards in a challenging curriculum.	Grade Level	SREB			
1041	American Literature – Elective -Grades 9 - 12 - Course integrates the study of American literature with an overview of U.S. history. These courses may also include other aspects of American culture, such as art or music. A two-year sequence or two periods per day class may be required to cover the same objectives as would be covered separately in U.S. History Overview and American Literature.					

1042	Literature/Fine Arts – Elective - Grades 9 - 12 - Course provides students with the opportunity to explore the connection and interrelationships between a society's expressions of ideas and philosophies through its literature and its fine art (visual art, drama, architecture, music, and so on). Students may study a particular period in a country or region, or may explore the changes and development of literature and art over time.					
1043	Native American Literature – Elective - Grades 9 - 12 - Course provides students with the opportunity to read and discuss literature, written by members of the Native American Nations (tribes) of North, Central, and South America. The course is approached from a historical and Native American perspective. Students compare and contrast Native American Literature to literature of other cultures, and at the conclusion of the semester, will have an understand of the value and depth of Native American Literature. Student uses as many online resources as necessary, as many of the literature pieces have never been anthologized.					
1044	British Literature – Elective - Grade 12 - is designed as a survey course to give students an overview of British Literature from the early 600's to the present.					
1051	English Morphology and Grammar – Elective - Grades 6 - 12 - Course involves the study of the English language-its roots and derivations, its structure and sentence patterns, its dialects and spelling systems, and its uses as a communication tool. These courses may also be a simple study of vocabulary and test preparation.					

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1062	English Language Development (ELD) - Grades K - 12 - This course satisfies obligations under Title VI of the Civil Rights Act of 1964 for English Learner (EL) students to attain English language proficiency. This course code may be used for pull-out ELD instruction, or at the elementary level, for a dedicated ELD block of a minimum of 45 minutes during self-contained instruction. The purpose of this course is for students to attain English language proficiency, as measured by the department-approved annual English language proficiency assessment. This ELD course must provide specific instruction on the English language, Therefore, ELD instruction must be provided in English and focus on reading, writing, speaking, and listening skills. This ELD course must consider the English language proficiency level of ELs and must include instruction in the basic structures of the English language, social and instructional conversational English, and academic uses of the English language. An orientation to the customs and culture of people in the United States may be included in the ELD course. This course must follow the current state-adopted English Language Development (ELD) Standards Framework, the 2012 Amplification of the WIDA ELD Standards. This course code may be repeated. If this course code is used for ELD instruction that is part of a state-funded bilingual program at the elementary level, the teacher must have a Bilingual or TESOL endorsement. At the secondary level, the teacher must have						
1063	English Language Arts ELD – Grades 6-8 This course aligns with grade-level New Mexico Common Core State Standards (NMCCSS) for English Language Arts (ELA) and the current state-adopted English Language Development (ELD) Standards. This course is intended for English learners (ELs) whose English language proficiency level is nearing proficiency as measured by the department-approved annual English language periolicency assessment. This course integrates grade-level ELA content (provides instruction in language arts skills with an emphasis on grammar, writing, and editing) with ELD using appropriate language supports based on the English language proficiency level of ELs. Teachers are required to have secondary licensure and be endorsed in ELA. In addition, teachers must have received specialized training in serving the needs of ELs (as required of districts in order to meet their obligations under civil rights law and other federal requirements). Course 1063 may be substituted for 1000 to receive middle school credit, where applicable, if 1063 meets all course requirements for 1000. See course description for 1000 above for more information. This course may be repeated for credit. This course may also be used for ELs participating in a state-funded bilingual program. When 1063 is part of a state-funded bilingual program, the teacher must have a TESOL endorsement in addition to the ELA endorsement.	6-8					
1064	English Language Arts ELD I - Substituted for Graduation - Grade 9 This course aligns with grade-level New Mexico Common Core State Standards (NMCCSS) for English Language Arts (ELA) and the current state-adopted English Language Development (ELD) Standards. This course is intended for English learners (ELS) whose English language proficiency level is nearing proficiency, as measured by the department-approved annual English language proficiency assessment. This course integrates grade-level ELA content (provides instruction in language arts skills with an emphasis on grammar, writing, and editing) with ELD using appropriate language supports based on the English language proficiency level of ELs. Teachers are required to have secondary licensure and be endorsed in ELA. In addition, teachers must have received specialized training in serving the needs of ELs (as required of districts in order to meet their obligations under civil rights law and other federal requirements). Course 1064 may be substituted for 1001 to receive high school graduation credit, where applicable, if 1064 meets all course requirements for 1001. See course description for 1001 above for more information. This course may be repeated for credit. This course may also be used for ELs participating in a statefunded bilingual program. When 1064 is part of a state-funded bilingual program, the teacher must have a TESOL endorsement in addition to the ELA endorsement.	9	NEW				
1065	English Language Arts ELD II - Substituted for Graduation - Grade 10 This course aligns with grade-level New Mexico Common Core State Standards (NMCCSS) for English Language Arts (ELA) and the current state-adopted English Language Development (ELD) Standards. This course is intended for English learners (ELs) whose English language proficiency level is nearing proficiency, as measured by the department-approved annual English language proficiency assessment. This course integrates grade-level ELA content (provides instruction in language arts skills with an emphasis on grammar, writing, and editing) with ELD using appropriate language supports based on the English language proficiency level of ELs. Teachers are required to have secondary licensure and be endorsed in ELA. In addition, teachers must have received specialized training in serving the needs of ELs (as required of districts in order to meet their obligations under civil rights law and other tederal requirements). Course 1065 may be substituted for 1002 to receive high school graduation credit, where applicable, if 1065 meets all course requirements for 1002. See course description for 1002 above for more information. This course may be repeated for credit. This course may also be used for ELs participating in a state-funded bilingual program. When 1065 is part of a state-funded bilingual program, the teacher must have a TESOL endorsement in addition to the ELA endorsement.	10	NEW				

1066	English Language Arts ELD III - Substituted for Graduation – Grade 11 This course aligns with grade-level New Mexico Common Core State Standards (NMCCSS) for English Language Parks (ELA) and the current state-adopted English Language Development (ELD) Standards. This course is intended for English learners (ELs) whose English language proficiency level is nearing proficiency, as measured by the department-approved annual English language proficiency assessment. This course integrates grade-level ELA content (provides instruction in language arts skills with an emphasis on grammar, writing, and editing) with ELD using appropriate language supports based on the English language proficiency level of ELs. Teachers are required to have secondary licensure and to be endorsed in ELA. In addition, teachers must have received specialized training in serving the needs of ELs (as required of districts in order to meet their obligations under civil rights law and other federal requirements). Course 1066 may be substituted for 1003 to receive high school graduation credit, where applicable, if 1066 meets all course requirements for 1003. See course description for 1003 above for more information. This course may be repeated for credit. This course may also be used for ELs participating in a state-funded bilingual program. When 1066 is part of a state-funded bilingual program, the teacher must have a TESOL endorsement in addition to the ELA endorsement.	11	NEW				
1067	English Language Arts ELD IV - Substituted for Graduation - Grade 12 This course aligns with grade-level New Mexico Common Core State Standards (NMCCSS) for English Language Arts (ELA) and the current state-adopted English Language Development (ELD) Standards. This course is intended for English learners (ELS) whose English language proficiency level is nearing proficiency, as measured by the department-approved annual English language proficiency assessment. This course integrates grade-level ELA content (provides instruction in language arts skills with an emphasis on grammar, writing, and editing) with ELD using appropriate language supports based on the English language proficiency level of ELS. Teachers are required to have secondary licensure and be endorsed in ELA. In addition, teachers must have received specialized training in serving the needs of ELs. (as regiured of districts in order to meet their obligations under civil rights law and other federal requirements). Course 1067 may be substituted for 1004 to receive high school graduation credit, where applicable, if 1067 meets all course requirements for 1004. See course description for 1004 above for more information. This course may be repeated for credit. This course may also be used for ELs participating in a state-funded bilingual program. When 1067 is part of a state-funded bilingual program, the teacher must have a TESOL endorsement in addition to the ELA endorsement.	12	NEW				
1071	Business/Applied English – Elective Grades 9 - 12 - Course teaches students communication skills-reading, writing, listening, speaking-emphasizing applications in the 'real world.' The emphasis is usually on the practical application of communication as a business tool, and may focus on technical reports and manuals, business letters, resumes, and applications.						
1072	Applied Communications - AIT – Elective - Grades 9 - 12 - Course uses the 15 modules developed by the Agency for Instructional Technology, Applied Communications. AIT courses focus on the language skills needed in the workplace. Gathering and using information, problem solving, presentation, evaluation, communicating with different audiences, and occupationally specific topics are included in courses using AIT's curriculum.						

1073	Communications Skills – Elective - Grades 9 - 12 - Course emphasizes writing and speaking that may include a language other than English.	9-12					
1074	Communication Skills/Career Education – Elective - Grades 9 - 12 - Course emphasizes writing, speaking, and developing skills that will afford students success throughout school and post-high school years.	9-12					
1081	Public Speaking – Elective - Grades 9 - 12 - Course enables students, through practice, to develop communication skills for a variety of speaking situations (such as small and large group discussions, delivery of lectures or speeches in front of audiences, and so on). Course topics may include (but are not limited to) research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence.						
1082	Forensics – Inclusive – Elective - Grades 9 - 12 - Course offers students the opportunity to learn how to employ oral skills effectively in formal and informal situations. Logic and reasoning, the organization of thought and supporting materials and effective presentation of one's voice and body are the skills imparted in forensics courses. Often linked to an extracurricular program, numerous public speaking situations are introduced, and students learn the methods, aims, and styles of a variety of events (e.g., formal debate, Lincoln Douglas debate, expository speaking, radio broadcast, oral interpretation, and dramatic interpretation). Participation in competition is encouraged, but not always required.						

1083	Forensics - Debate - Elective - Grades 9 - 12 - Course offers students the opportunity to learn how to employ oral skills in formal and informal situations. Logic and reasoning, research and analysis, organization of thought and supporting materials, argumentative style and skill, and effective presentation of one's voice and body are developed through forensics courses. Often linked to an extracurricular program, students learn the methods, aims, and styles of the debating events (formal debate or Lincoln Douglas). Participation in competition is encouraged, but not always required.					
1084	Forensics - Individual Event — Elective - Grades 9 - 12 - Course offers students the opportunity to learn how to employ oral skills in formal and informal situations. Topics depend upon the event(s) being taught, but effective presentation of one's voice and body, thoughtful understanding and interpretation of literature, logic and reasoning, and the organization of thought and supporting materials may be emphasized and developed. Often linked to an extracurricular program, one or several individual event categories are introduced (e.g., exposition, oral interpretation, dramatic interpretation, radio broadcast). Participation in competition is encouraged, but not always required.					
1093	English Aide – Elective - Grades 11 - 12 - Course offers interested students the opportunity to assist English and communication teachers in the preparation, organization, and distribution of instructional materials. Students may provide tutorial assistance to students under teacher guidance	11-12				
1096	English Language and Literature Independent Study – Elective - Grades 11 - 12 - Course is often conducted with instructors as mentors; allowing students the opportunity to explore particular topics within the field of language arts that are not offered as part of the regular curriculum. These courses may be offered in conjunction with other subject area courses or as an opportunity for students to explore a particular topic of special interest.					

1098	English - Concurrent Enrollment – Elective - Grades 6 - 12 - Must fulfill the requirements of the Content Standards and Benchmarks.	6-12				
1099	English Language and Literature – Elective - Grades 6 - 12 - Other. Typically used with advanced dual credit topics.	6-12				
1101	Dance Technique - Recommended for Students Grades 7 - 12 - Course provides experience in one or several dance forms (i.e., modern, jazz, ballet, tap). Initial classes are usually introductory in nature, while the more advanced classes concentrate on improving technique and may offer or require choreographic and evaluative experiences.					
1102	Dance Repertory - Recommended for Students Grades 9 - 12 - Course provides the opportunity for students with prior dance experience to develop dance techniques in small groups; these classes require auditions and emphasize performance.					

1103	Expressive Movement - Recommended for Students Grades K - 12 - Course develops students' ability to move expressively, without being based on particular dance forms or on developing specific dance techniques.	K-12				
1105	Dance Appreciation - Recommended for Students Grades K - 12 - Course expands knowledge of dance as an art form, and develops students' ability to evaluate dance performances. Learning the history of one or several dance forms may also be included as a course objective.					
1106	Dance-Independent Study - Recommended for Students Grades 9 - 12 - Courses in this category, often conducted with instructors or professional dancers/choreographers as mentors, enable students to explore a particular dance form in more detail and depth than in other courses. Polishing talent, building confidence for professional or apprenticeship auditions, and gaining experience in public performance are emphasized. Career opportunities may be explored.					
1107	Elementary Dance - Recommended for Students Grades K - 8 - Course is sequential from lower grades through upper grades K-8. Course promotes student's experiences and skill development in a variety of aspects of rhythm, movement, technique, performance, and history. Students learn to critique their work and the work of others.					

1109	Dance - Recommended for Students Grades K - 12 - Other	K-12				
1110	Elementary Theater - Recommended for Students Grades K - 8 - Course is sequential from lower grades through upper grades K-8. Course promotes student's experiences and skill development in a variety of aspects of techniques, traditions, performances, projection, and production. Students learn to critique their work and the work of others.					
	Introduction to the Theater - Recommended for Students Grades 9 - 12 - Course provides an overview of the art, conventions, and history of the theater. Although experiential exercises may be included, the courses focus on learning about the theater rather than performance. Students learn about one or more of the following topics: basic techniques in acting, major developments in dramatic literature or major playwrights, the formation of theater as a cultural tradition, and critical appreciation of the art. Other aspects of theatrical production such as technical aspects, costume, makeup, and so on, may also be explored.	9-12	Arts, Audio-Video Technology and Communications			
	Drama/Stagecraft - Recommended for Students Grades 9 - 12 - Course is intended to promote students' experience and skill development in one or more aspects of theatrical production. Initial courses are usually introductory in nature, while the more advanced courses concentrate on improving technique, expanding the students' exposure to different types of theatrical techniques and traditions, and increasing their chances of participating in public productions. Career opportunities in the theater may be discussed.	9-12	Arts, Audio-Video Technology and Communications			

1113	Drama-Acting/Performance - Recommended for Students Grades 9 - 12 - Course is intended to promote students' experience and skill development in one or more aspects of theatrical production, but concentrate on acting and performance skills. Initial courses are usually introductory in nature, while the more advanced courses concentrate on improving technique, expanding the students' exposure to different types of theatrical techniques and traditions, and increasing their chances of participating in public productions. Career opportunities in the theater may be discussed.		Arts, Audio-Video Technology and Communications			
1114	Elementary Theatre Program - Recommended for Students Grades K - 8 - Course is sequential from lower grades through upper, i.e., K-8. Course promotes student's experiences and skill development in a variety of aspects of techniques, traditions, performances, projection, and production. Students learn to critique their work and the work of others.					
1115	Directing - Recommended for Students Grades 9 - 12 - Course is usually taken after several other drama courses. Directing courses are intended to improve students' skills in translating a script to a final production. Directing classes enable students to create an aristic vision and develop a personal aesthetic, by expanding the students' exposure to different types of theatrical techniques and traditions, and providing opportunities to direct others' performances (either in scenes or in a full production).		Arts, Audio-Video Technology and Communications			
1116	Playwriting - Recommended for Students Grades 9 - 12 - Course is usually taken after several other drama courses, Playwriting courses are intended to improve students' skills in creating a soript suitable for live production. Playwriting classes enable students to devolop a personal voice, style, and aesthetic by expanding their exposure to various playwrights and different types of theatrical techniques and traditions. Students are expected to write original scenes, one act plays, or full productions.		Arts, Audio-Video Technology and Communications			

111		History and Literature of the Theater - Recommended for Students Grades 9 - 12 - Course explores in depth the structure, elements, and style of dramatic compositions, and, as an extension, how the dramatic literature influenced theatrical production and acting styles throughout history. Some courses may focus more on the literature than on the heater (with increased emphasis on critique and analysis), but most interweave these subjects, exploring their interrelationship. Major contributors (playwrights, directors, and so on) and the architecture of the theater may also be included topics of study.						
111		Drama/Stagecraft-Independent Study - Recommended for Students Grades 9 - 12 - Course is conducted with instructors or artists as mentors, enables students to explore a particular theatrical form in more detail and depth than in other courses. Polishing talent, building confidence for professional or apprenticeship auditions, and gaining experience in public performance are emphasized. Career opportunities may be explored.			Arts, Audio-Video Technology and Communications			
111	19	Drama/Stagecraft - Recommended for Students Grades K - 12 – Other	K-12					
111	20	General Band - Recommended for Students Grades K - 12 - Courses develops technique for playing brass, woodwind, and percussion instruments, and covers a variety of non-specified band literature styles (concert, marching, orchestral, and modern styles).						

1121	Concert/Marching Band - Recommended for Students Grades 6 - 12 - Course is designed to develop skill and technique for playing brass, woodwind, and percussion instruments, and cover band literature styles for both concert and marching performances.	6-12				
1122	Concert Band - Recommended for Students Grades 9 - 12 - Course is designed to promote students' technique for playing brass, woodwind, and percussion instruments, and cover a variety of band literature styles, primarily for concert performances.					
1123	Marching Band - Recommended for Students Grades 9 - 12 - Course is intended to develop technique for playing brass, woodwind, and percussion instruments, and cover appropriate band literature styles, primarily for marching performances.	9-12				
1124	Orchestra - Recommended for Students Grades 9 - 12 - Course develops students' abilities to play brass, woodwind, percussion, and string instruments, covering a variety of string and orchestral literature styles.					

1125	Contemporary Band - Recommended for Students Grades 6 - 12 - Course develops technique for playing brass, woodwind, percussion, and string instruments, as well as guitar and keyboard, focusing primarily on contemporary stage band styles, such as traditional jazz, jazz improvisation, and rock.					
1126	Instrumental Ensembles - Recommended for Students Grades K - 12 - Course is intended to develop technique for playing brass, woodwind, percussion, and/or string instruments in small ensemble groups. Instrumental Ensemble courses cover one or more instrumental ensemble or band literature styles.					
1127	Piano - Recommended for Students Grades 9 - 12 - Course covers the fundamentals of music and basic keyboard techniques such as scales, chords, and melodic lines; the courses may include more advanced keyboard techniques.					
1128	Guitar - Recommended for Students Grades 6 - 12 - Course presents fundamentals of music and guitar playing techniques, such as strumming and chords; the courses may include more advanced guitar playing techniques.					

1129	Individual Technique-Instrumental Music - Recommended for Students Grades 6 - 12 - Course provides instruction in instrumental techniques to individuals. These courses may be conducted on either an individual or small group basis.	6-12				
1130	Chorus - Recommended for Students Grades K - 12 - Course provides the opportunity to sing a variety of choral literature styles for men and/or women's voices, and is designed to develop vocal techniques and the ability to sing parts.					
1131	Vocal Ensemble - Recommended for Students Grades K - 12 - Course is intended to develop vocal techniques and the ability to sing parts in small ensemble or madrigal groups. The course goals may include the development of solo singing ability; one or several ensemble literature styles may be emphasized.	K-12				
1132	Individual Technique-Vocal Music - Recommended for Students Grades K - 12 - Course provides instruction in and development of vocal techniques other than the ability to sing in groups. These courses may be conducted on either an individual or small group basis.					

1133	Intermediate Guitar - Recommended for Students Grades 9 - 12 - Course builds upon skills of beginning guitar. Students will develop position playing, advanced chords and progressions, learn new scales, and develop improvisation skills. Students will also develop group and performance skills and will perform in public.	9-12					
1141	Music Theory - Recommended for Students Grades K - 12 - Course teaches an understanding of the fundamentals of music, and includes one or more of the following topics: composition, arrangement, analysis, aural development, and sight-reading; Music Theory courses may or may not require previous musical experience.	K-12					
1142	AP Music Theory - Recommended for Students Grades 9 - 12 - Course is designed to be the equivalent of a first year music theory college course. AP Music Theory develops students' understanding of musical structure and compositional procedures. Usually intended for students already possessing performance level skills, AP Music Theory extends and builds upon students' knowledge of intervals, scales, chords, metric/rhythmic patterns, and their interaction in a composition. Musical notation, analysis, composition, and aural skills are important components of the course. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.	9-12	ΑΡ				
1143	IB Music - Recommended for Students Grades 9 - 12 - Course prepares students to take the International Baccalaureate Music exam at either the Subsidiary or Higher level. IB Music courses develop students' knowledge and understanding of music, through training in musical kills (listening, performing, and composing), exposure to music theory, and formulation of an historic and global awareness of musical forms and styles. The IB Curriculum Board suggests historical, theoretical, and practical studies.	9-12	IB				

1144	Music History/Appreciation - Recommended for Students Grades 9 - 12 - Course surveys different musical styles and periods with the intent of increasing enjoyment of different musical styles and/or developing an artistic or technical judgment. Music History/Appreciation courses may also focus on developing an understanding of a particular style or period.					
1146	Music-Independent Study - Recommended for Students Grades 9 - 12 - Course is often conducted with instructors or professional musicians or voice coaches as mentors enable students to explore music and their own abilities in more detail and depth than in other courses. Polishing talent, building confidence for professional or apprenticeship auditions, and gaining experience in public performance are emphasized. Career opportunities may be explored.					
1147	Elementary Music - Recommended for Students Grades K - 8 - Course is sequential from lower grades through upper grades K-8. Course promotes student's experiences and skill development in a variety of aspects of learning to sing, listen, read, play music and learn about music performance and history. Students learn to critique their work and work of others.					
1149	Music - Recommended for Students Grades K - 12 – Other	K-12				

1150	Introduction to Art - Recommended for Students Grades K - 12 - Course introduces students to a variety of tools, materials, skills and techniques through the elements and principals of design. Students learn to critique their work and the work of others.	K-12					
1151	Art Appreciation - Recommended for Students Grades K - 12 - Course introduces the many forms of art and help form an aesthetic framework through which art of various ages and cultures can be judged and critiqued. The place and significance of art in our society is explored.						
1152	Art History - Recommended for Students Grades 9 - 12 - Course introduces significant works of art, artists, and artistic movements that have shaped the art world and have influenced or reflected periods of history. The evolution of art forms, techniques, symbols, and themes is often emphasized.						
1153	AP Art History - Recommended for Students Grades 9 - 12 - Course designed to parallel college level Art History courses, AP Art-History of Art courses provide the opportunity to critically examine architecture, sculpture, painting, and other art forms within their historical and cultural contexts. In covering the art of several centuries (not necessarily in chronologial order), students learn to identify different styles, techniques, and influences, and to formulate and articulate their reactions to various kinds of artwork. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		AP				

1154	Drawing 1 Grades 9 - 12 - Basic drawing concepts and skills to assist the student in acquiring a graphic vocabulary in a variety of drawing media.	9-12	Arts, Audio-Video Technology and Communications			
1155	Drawing 2 Grades 9 - 12 - A continuous of Drawing 1 which will further concentration on basic drawing concepts with a greater emphasis on descriptive and perceptual drawing skills using both dry and wet media. Assigned problems explore aspects of still life, landscape portraiture.		Arts, Audio-Video Technology and Communications			
1156	Painting 1 Grades 9 - 12 - This course is an introduction to painting materials, techniques, color, and fundamental composition. A brief history of painting will be acquired through lectures.	9-12	Arts, Audio-Video Technology and Communications			
1157	Painting 2 Grades 9 - 12 - Continued exploration of the painting concepts and techniques presented in Painting 1. Working from imagination as well as observation, emphasizing the expressive potential of the medium.		Arts, Audio-Video Technology and Communications			

111	58	AP Studio Art 2-D Design - Recommended for Students Grades 9 - 12 - The purpose of this course is to assist students to develop a portfolio demonstrating a broad interpretation of two-dimensional issues. This type of design involves purposeful decision—making about how to use the elements and principles of art in an integrative manner. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		АР			
111	59	AP Studio Art 3-D Design - Recommended for Students Grades 9 - 12 - The purpose of this course is to assist students to develop a portfolio demonstrating a broad interpretation of sculptural issues in depth and space. These may include mass, volume, form, plane, light, and texture. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		AP.			
111		Creative Art-Comprehensive - Recommended for Students Grades K - 12 - Course provides students with the knowledge and opportunity to explore an art form and to create individual works of art. Career opportunities in the art world may also be discussed and explored. Initial courses cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Although the focus of creative art courses is creation, the study of major artists, art movements, and styles may also be included.					
111	62	Creative Art-Drawing/Painting - Recommended for Students Grades 6 - 12 - Course covers the same topics as Creative Art-Comprehensive courses, but focus on drawing and painting. In keeping with this attention on two-dimensional work, students typically work with several media (such as pen and ink, pencil, chalk, watercolor, tempera, oils, and acrylics, and so on) but some courses may focus on only one.					

-	1163	Creative Art-Sculpture - Recommended for Students Grades 9 - 12 - Course covers the same topics as Creative Art-Comprehensive courses, but focus on creating three-dimensional works. Students typically work with several media (such as clay, ceramics, wood, metals, textiles, and so on) but some courses may focus on only one.						
	1164	Ceramics/Pottery - Recommended for Students Grades 9 - 12 - Course covers the same topics as Creative Art-Comprehensive courses, but focus on creating three-dimensional works out of clay and ceramic material. Particular attention is paid to the characteristics of the raw materials, the transformation under heat, and the various methods by which objects are created and finished.						
	1165	Printmaking/Graphics - Recommended for Students Grades 6 - 12 - Course covers the same topics as Creative Art-Comprehensive courses, but focus on design principles, printmaking, and graphic design.	6-12	Marketing Sales and Service	Arts Audio-Video Technology and Communications			
	1166	Textiles - Recommended for Students Grades 6 - 12 - Course teaches the same lessons as Creative Art-Comprehensive courses but do so with a focus on craft. A wide range of crafts may be surveyed, or the course may focus on only one type; possibilities include weaving, macramé, quilting, batik, and stitchery.		Arts, Audio-Video Technology and Communications	Manufacturing			

1167	Crafts - Recommended for Students Grades K - 12 - Course teaches the same lessons as Creative Art-Comprehensive courses, but do so with a focus on craft. A wide range of crafts may be surveyed, or the course may focus on only one type; possibilities include calligraphy quilting, slik screening, cake decorating, craft painting, mask making, knitting, crocheting, and paper making.			Arts, Audio-Video Technology and Communications			
1168	Print Making 2 Grades 9 - 12 - A continuation of Print Making/Graphics 1165, with emphasis on advanced methods of intaglio and relief processes in color, and introduction to black and white stone lithography, including color.	s		Arts, Audio-Video Technology and Communications			
1171	Photography - Recommended for Students Grades K - 12 - Course exposes students to the materials, processes, and artistic techniques of taking artistic photographs. Students learn about the operation of a camera, composition, lighting techniques, and depth of field filters, camera angles, and film development. The course may cover black and white, or colo photography, or both. As students advance, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic style. In order to develop each student's style and artistic eye, major photographers, art movements and styles may also be studied.			Arts, Audio-Video Technology and Communications			
1172	Film and Digital Media - Recommended for Students Grades 9 - 12 - Course exposes students to the materials, processes, and artistic techniques involved in film or videotape Students learn about the operation of a camera, lighting techniques, camera angles, depth or field, composition, storyboarding, sound capture, and editing techniques. Course topics may also include production values and various styles of filmmaking (documentary, storytelling news magazines, animation, and so on). As students advance, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their owr artistic style. In order to develop each students style and artistic eye, major filmmakers cinematographers, and their films may also be studied.		Description	Arts, Audio-Video Technology and Communications			

1173	Photography II Grades 9 - 12 - In this course, students refine and master technical skills as well as experiment with alternative approaches and materials as they compose unique photographs. Additionally, students will develop a photographic portfolio that demonstrates quality, shows breadth of formal, technical, and expressive experiences and concentrates on a specific theme or problem. Through collaboration with peers and instructors students will develop a personal aesthetic viewpoint. In-class and independent problems further the development of skills and techniques.	e 6 1	Description	Arts, Audio-Video Technology and Communications				
1175	Computer Assisted Art - Recommended for Students Grades K - 12 - Course enables students to discover and explore how the computer can be used to create or to assist in the production of various forms of artwork. Previous courses in the intended art form are usually not required for enrollment. Computer Assisted Art courses provide the opportunity to become more adept in both the art form and in the use of the computer.			Arts, Audio-Video Technology and Communications	Marketing Sales and Service	Information Technology		
1176	Film & Digital Media II – Grades 10-12 – Digital Film Production II focuses on the master, of intermediate knowledge, skills and concepts related to film production. The student develops advanced techniques and applies them to individual, collaborative and community-based projects. The student continues to investigate and analyze current trends in filmmaking, including career opportunities, contemporary technical and aesthetic considerations. The student analyzes and applies best practices to film production projects, and evaluates their effectiveness in field productions.	t -	Description	Arts, Audio-Video Technology and Communications	Information Technology	Marketing Sales and Service		
1177	Film & Digital Media III – Grades 11-12 – Digital Film Production III offers the student an opportunity to further study film making principles and techniques with emphasis on mastery of aesthetic and technical skills and concepts. The student refines advanced techniques through work on individual, collaborative and community-based projects. The student integrates current trends in filmmaking, including career opportunities, and contemporary technical and aesthetic considerations into his/her work. The student develops and determines best practices for film production projects, and evaluates their effectiveness in field productions. Literacy is integrated throughout the course.		Description	Arts, Audio-Video Technology and Communications	Information Technology	Marketing Sales and Service		

1178	Film & Digital Media IV – Grade 12 –Offers the student the opportunity to demonstrate mastery of film production skills and concepts with an emphasis on professional portfolio development. The student produces work that reflects an individual style and sensitivity to professional conventions. Student will demonstrate leadership in the creation of individual collaborative and community-based projects and use these opportunities to identify career and educational choices. The student will demonstrate best practices for field producios and model awareness of contemporary technical and aesthetic considerations. Literacy is integrated throughout the course.			Arts, Audio-Video Technology and Communications	Information Technology	Marketing Sales and Service		
1180	Intro to Media Arts Grades 9 - 12 - Media Arts is an introductory course where you will explore the nature of art, the elements of art, principals of design and art trends though the use of traditional black and white as well as digital photography. You will learn the basic techniques and skills needed to use photographic, digital, and computer equipment. This class takes a more contemporary approach to the visual arts.			Arts, Audio-Video Technology and Communications				
1181	Art Portfolio - Recommended for Students Grades 9 - 12 - Intended for students who are gifted in art; Art Portfolio courses offer the opportunity to create a professional body of work that reflects personal style and talent. Students are often encouraged to display their work publicly.							
1183	AP Studio Art-Drawing Portfolio - Recommended for Students Grades 9 - 12 - Designed for students with a serious interest in art, AP Studio Art-Drawing Portfolio courses enable students to refine their skill and create artistic works to be submitted to the College Board for evaluation. Given the nature of the AP evaluation, the course typically emphasizes quality of work, attention to and exploration of a particular visual interest or problem, and breadth of experience in the formal, technical, and expressive aspects of drawing. Representation, abstraction, and experimentation with a variety of drawing materials are explored. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		АР					

1184	awareness and unicism of air, and entaine students of create quarity works of air to friend wit. Usually a two year course, students will perform both studio and research work; the research component is designed to investigate particular topics or concepts of interest in further detail.		16			
1186	Visual Art-Independent Study - Recommended for Students Grades 9 - 12 - Course is conducted with instructors or professional artists as mentors and enables students to explore a particular art form in more detail and depth than in other courses. Polishing talent, building confidence for professional showings or portfolio submission, and gaining experience in public performances or displays are emphasized. Career opportunities may be explored.					
1187	Introductory Visual Arts - Recommended for Students Grades K - 8 - Course is sequential from lower grades through upper grades K-8. Course promotes student's experiences and skill development in a variety of aspects of tools, materials, skills, and techniques though the elements and principals of design. Students learn to critique their work and the work of others.					
1189	Visual Arts - Recommended for Students Grades K - 12 - Other	K-12				

1194	Integrated Fine Arts - Recommended for Students Grades K - 12 - Course explores self-expression across the fine arts: any subset or all of the visual arts, music, dance, theater, and literature may be included in the curriculum for these courses. Students both study and critique the works of others and participate in or produce art themselves. These courses often include comparative study of various art forms over time, i.e., the interrelationship of literature, music, and the performing arts of a particular time period and culture.					
1195	Fine and Performing Art-Related Subjects - Recommended for Students Grades 9 - 12 - Course offers instruction in topics related to the fine and performing arts; such topics may include design principles, psychology, mathematics, and/or science.					
1196	Fine and Performing Art-Independent Study - Recommended for Students Grades 9 - 12 - Course is often conducted with instructors or professional artists as mentors, enable students to explore a particular art form in more detail and depth than in other courses. Polishing talent, building confidence for professional showings or portfolio submission, and gaining experience in public performances or displays are emphasized. Career opportunities may be explored.					
1199	Fine and Performing Art - Other - Recommended for Students Grades K - 12 — Other. Typically used with advanced dual credit topics.					

1202	AP Spanish Language - Recommended for Students Grades 7 - 12 - Course is designed to parallel third year college level courses in this category build upon prior knowledge and develop students' ability to understand others and express themselves (in Spanish) accurately, coherently, and fluently in both formal and informal situations. Upon completing these courses, students will develop a large enough vocabulary to understand literary texts, magazine/ newspaper articles, films and television productions, and so on. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines. If this course/class is part of a vertically aligned sequence of eligible courses, it may be considered to be part of a statefunded bilingual program.	7-12	AP.				
1203	AP Spanish Literature - Recommended for Students Grades 7 - 12 - Course is designed to parallel college level Introduction to Hispanic Literature courses (offered at a third year level); AP Spanish Literature courses cover representative works from the literatures of Spain and Spanish America, encompassing all genres. The courses build students' Spanish language proficiency so that they are able to read and understand moderately difficult prose and to express critical opinions and literary analyses in oral and written Spanish (an ability equivalent to having completed a third year college level Spanish Language course). This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines. If this course/class is part of a vertically aligned sequence of eligible courses, it may be considered to be part of a statefunded billingual program.	7-12	AP				
1204	AP Chinese Language - Recommended for Students Grades 7 - 12 - AP Chinese Language and Culture -Course in Mandarin and/or Cantonese is designed to emphasize communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentation skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. This course is intended to prepare students for the optional Advanced Placement Exam and should follow the published College Board guidelines.	7-12	AP				
1205	AP Japanese Language - Recommended for Students Grades 7 - 12 - AP Japanese (Nihongo) Language and Culture –Course is designed to emphasize communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentation skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. Students' proficiency levels at the end of the course are expected to reach at least the Intermediate Low to Intermediate Mid-range. This course is intended to prepare students for the optional Advanced Placement Exam and should follow the published College Board guidelines	7-12	AP				

1206	AP French Language - Recommended for Students Grades 7 - 12 - Course is designed to parallel third year college level courses in French Composition and Conversation, AP French Language courses build upon prior knowledge and develop students' ability to understand others and express themselves (in French) accurately, coherently, and fluently. Through these courses, students will develop a large enough vocabulary to understand literary texts, magazine/newspaper articles, films and television productions, and so on. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.	7-12	АР				
1211	AP German Language - Recommended for Students Grades 7 - 12 - Course is designed to parallel third year college level courses in German. AP German Language courses build upon prior knowledge and develop students' ability to understand spoken German in various conversational situations, to express themselves (in German) accurately and fluently, and to have a command of the structure of the German language. These courses will enable students to develop a large enough vocabulary to understand literature, magazine/newspaper articles, and films and television productions. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.	7-12	AP				
1212	AP Italian Language and Culture – Grades 7-12 - Course is designed to parallel third year college level courses in this category build upon prior knowledge and develop students' ability to understand others and express themselves (in Italian) accurately, coherently, and fluently in both formal and informal situations. Upon completion of this course, students will have developed a large enough vocabulary to understand literary texts, magazine' newspaper articles, films and television productions, and other forms of written/verbal communication. This course is intended to prepare students for the optional Advanced Placement Exam and should follow the published College Board guidelines.	7-12	АР				
1215	Latin - Recommended for Students Grades 7 - 12 - Latin course exposes students to the Latin language and culture, usually through a series of sequential courses. First year courses emphasize basic grammar and syntax, simple vocabulary, and the influence of Latin in current English words. Students will be able to read and write in Latin on a basic level. Second year courses enable students to expand upon what they have learned, increasing their students express more complex concepts in writing, and comprehend and react to original Latin texts.	7-12					

1232	Native American I - Recommended for Students Grades 7 - 12 - Course introduces students to the basic grammatical skill of oral language communication to Native American language. All language skills are included: listening, speaking, reading, and writing. Listening and speaking are emphasized at this level.					
1233	Native American II - Recommended for Students Grades 7 - 12 - The practical conversational approach to the Native American language is continued. At this level listening, speaking, and reading are emphasized. At the end of the second year, the student should be able to communicate with more grammatical skills.					
1234	Native American III - Recommended for Students Grades 7 - 12 - Previous grammatical skills will be utilized in listening, speaking, reading, and writing. Speaking, reading, and writing are emphasized at this level. Students will utilize learned skills in oral as well as written exercises, tests, and various projects.					
1235	Native American IV - Recommended for Students Grades 7 - 12 - The student will be prepared for more advanced study. Speaking, reading, and writing are emphasized at this level. Students will continue to utilize learned skills in oral as well as written exercises, tests, and various projects.					

1236	French I - Recommended for Students Grades 7 - 12 - Course introduces students to the basic skills - listening, speaking, reading, and writing and to the basic structures of French taught within the cultural context. Emphasis will be placed on oral communication skills. A career awareness component is included which emphasizes the importance of French in the world.	7-12					
1237	French II - Recommended for Students Grades 7 - 12 - Course continues to develop communicative skills. There is greater use of French in the classroom. Emphasis is on sustained communication, both oral and written. An appreciation of the culture of French speaking countries is enhanced.						
1238	French III - Recommended for Students Grades 7 - 12 - French III continues the development of communicative skills, enhances reading skills and appreciation of supplementary materials in literature, history, geography and fine arts. The students begin to manipulate the language through creative and expository writing. Emphasis is place on cultural issues and the use of French in the classroom.	7-12					
1239	French IV - Recommended for Students Grades 7 - 12 - Course promotes oral and written communication. The students will be prepared for more advanced study and career possibilities. Selected readings in French literature, culture and current events will be the focus.	7-12					

1241	Vietnamese I – Grades 7-12 - Course introduces students to the basic skills - listening, speaking, reading, and writing - and to the basic structures of Vietnamese taught within the cultural context. A career awareness component is included which emphasizes the importance of Vietnamese in the world.					
1242	Vietnamese II – Grades 7-12 - Course continues to develop communicative skills. There is greater use of Vietnamese in the classroom. Emphasis is on sustained communication, both oral and written. An appreciation of Vietnamese culture is enhanced.					
1252	Spanish I - Recommended for Students Grades 7 - 12 - Course introduces students to the basic skills - listening, speaking, reading, and writing - and to the basic structures of Spanish taught within the cultural context. Emphasis will be placed on oral and written communication skills. Students are made aware of the importance of Spanish in their world. This course/class will NOT be considered as part of a funded bilingual program.					
1253	Spanish II - Recommended for Students Grades 7 - 12 - Course continues to develop communicative skills. There is wider use of Spanish not only in classroom management, but also in teaching concepts. Emphasis is on sustained communication, both oral and written. An appreciation of the culture of Spanish speaking countries is enhanced. This course/class will NOT be considered as part of a funded bilingual program.					

1254	Spanish III - Recommended for Students Grades 7 - 12 - Course further refines, reinforces, and develops the skills and cultural awareness previously acquired in the first two levels. A greater emphasis is placed on reading and on communicating orally and in writing. The importance of Spanish in career fields continues to be emphasized. This course/class will NOT be considered as part of a funded bilingual program.					
1255	Spanish IV - Recommended for Students Grades 7 - 12 - Course promotes oral and written communication. Selected readings in Hispanic literature, culture, and current events will be the focus. This course/class will NOT be considered as part of a funded bilingual program.					
1256	German I - Recommended for Students Grades 7 - 12 - Course introduces students to the basic skills - listening, speaking, reading, and writing - and to the basic structures of German taught within the cultural context. Emphasis will be placed on oral communication skills. A career awareness component is included which emphasizes the importance of German in the world.					
1257	German II - Recommended for Students Grades 7 - 12 - Course continues to develop communicative skills. There is wider use of German not only in classroom management, but also in teaching concepts. Emphasis is on sustained communication, both oral and written. An appreciation of culture of German speaking countries is enhanced.					

1258	German III - Recommended for Students Grades 7 - 12 - Course continues the development of communicative skills, enhances reading skills and appreciation of supplementary materials in literature, history, geography and fine arts. The students begin to manipulate the language through creative and expository writing. Emphasis is placed on cultural issues and the use of German in the classroom.					
1259	German IV - Recommended for Students Grades 7 - 12 - Course promotes oral communication in German and emphasizes the study of different genres in German literature. It focuses on literary analysis and criticism by means of extensive reading of classical and modern masterpieces in German.					
1261	IB Language A (non-English) - Recommended for Students Grades 7 - 12 - Course prepares students to take the International Baccalaureate Language A exams at either the Subsidiary or Higher level. Course content includes in depth study of literature chosen from the appropriate IB list of texts and authors, and written analyses of this literature in addition to other oral and written assignments. All course content is designed to improve students' accuracy and fluency in the language.		16			
1262	IB Language B - Recommended for Students Grades 7 - 12 - Course prepares students to take the International Baccalaureate Language B exams at either the Subsidiary or Higher level. Courses focus on improving students' accuracy and fluency in oral and written communication (usually in the students' "second" language). Students preparing to take the Subsidiary level exam will be able to understand native speakers; students preparing for the Higher-level exam will be able to communicate fluently at native speed.		16			

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1263	IB Classical Languages - Recommended for Students Grades 7 - 12 - Course seeks to strike a balance between the study of the language itself (structure, meaning, and formulation) and the study of the civilization it reflects (particularly its culture, philosophies, and institutions). Course content enables students to understand, translate, and appreciate a Latin, Greek, or other classical text, relate literature to its historical or social background; recognize current relevance of ancient literature; and apply acquired knowledge to other subjects.	7-12	le le				
1264	Japanese I - Recommended for Students Grades 7 - 12 - Course introduces students to the basic skills - speaking, listening, reading, and writing - and to the basic structures of Japanese taught within a cultural context. Emphasis will be placed on oral communication skills in the context of greetings, school activities, counting, and sports. Writing the Japanese language is also introduced.	7-12					
1265	Japanese II-IV - Recommended for Students Grades 7 - 12 - Course provides an extension of skills and concepts introduced in Japanese I. There is wider use of the Japanese language through increased conversational skills and larger vocabulary. Writing skills are extended, and increased understanding of Japanese culture is emphasized.	7-12					
1269	AP Latin: Vergil - Recommended for Students Grades 7 - 12 - Is designed to be approximately equivalent to an upper-intermediate (typically fourth or fifth semester) college or university. Latin course. The course focuses on the in-depth study of selections from two works in Latin literature: Vergil's Aeneid and Caesar's Gallic War. The course requires students to prepare and translate the readings and place these texts in a meaningful context, which helps develop critical, historical, and literary sensitivities. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		АР				

1271	Language for Native Speakers I - Recommended for Students Grades 6 - 12 - Course supports, reinforces, and expands students' knowledge of home language. Because students have already been exposed to their home/heritage language, they understand at least the rudiments and structure of the language, and have a working vocabulary (to a greater or lesser degree). Courses in Language for Native Speakers often move faster than do Foreign Language courses, and may be structured similar to an English Language Arts course (Reading, Writing, Listening and Speaking, with the study of literature and composition). As per Bilingual Multicultural Education regulation and statute, this course must incorporate the study of the culture, history, and traditions of the community. This course must be taught in the target language (i.e. Spanish or a Native American language). This course/class WILL be considered as part of a funded bilingual program.					
1272	Language for Native Speakers II - Recommended for Students Grades 6 - 12 - Course further reinforces and expands students knowledge of their home/heritage language. This course emphasizes deeper development of skills (Reading, Writing, Listening and Speaking) with a study of short stories, novels, plays, poetry and other media. As per Billingual Multicultural Education regulation and statute, this course must incorporate the study, analysis, and appreciation of the culture, history, and traditions of the community, region, and nation, related to the target language. This course must be taught in the home/heritage language (language other than English). This course/class WILL be considered as part of a funded billingual program.	6-12				
1273	Advanced Language for Native Speakers III - Recommended for Students Grades 6 - 12 This course develops advanced home/heritage language skills Reading, Writing, Listening and Speaking) with a study of literature, composition, public speaking, performance, and presentation. As per Billingual Multicultural Education regulation and statute, extensive study of the cultures and traditions related to the target language at the regional, national and international levels must be included. This course must be taught in the target language (i.e. Spanish or a Native American language). This course/class WILL be considered as part of a funded billingual program.					
1274	Language for Native Speakers - Recommended for Students Grades K - 6 - This course code is specifically for use at the elementary level for pull-out or self-contained instruction. This course provides instruction and development for elementary students in the home/heritage language with an emphasis on communication and literacy skills (Speaking, Reading, Writing, Listening and Comprehension, as appropriate). As per Billingual Multicultural Education regulation and statute, this course must incorporate the study of the culture, history, and traditions of the community. This course must be taught in the home/heritage language (language other than English). This course/class WILL be considered as part of a funded billingual program.					

1275	Elementary Spanish Language Arts - Recommended for Students Grades K-6 This course code is specifically for use at the elementary level for pull-out or self-contained instruction. This course provides instruction and development for elementary students in Spanish language arts, with an emphasis on communication and literacy skills (Speaking, Reading, Writing, Listening and Comprehension). This course must address the Common Core State Standards (Common Core en Espanol) for Spanish Language Arts. All levels place an emphasis on reading, writing, and interpretation of text. This course must be taught in Spanish. (i.e. home/heritage language). As per Bilingual Multicultural Education regulation and statute, extensive study of the cultures and traditions related to the home/heritage language at the regional, national and international levels must be included. This course/class WILL be considered as part of a funded bilingual program.	K-6	New				
1276	Spanish Language Arts Middle School - Grades 6-8 This course code is specifically for use at the middle school level. This course provides instruction and development for students in Spanish language arts, with an emphasis on communication and literacy skills (Speaking, Reading, Writing, Listeniga and Comprehension). This course must address the Common Core State Standards (Common Core en Espanol) for Spanish Language Arts. The course provides instruction in language arts skills with an emphasis on grammar, writing, and editing. This course must be taught in Spanish. (i.e. home/heritage language). As per Bilingual Multicultural Education regulation and statute, extensive study of the cultures and traditions related to the home/heritage language at the regional, national and international levels must be included. This course/class WILL be considered as part of a funded bilingual program.		New				
1277	Spanish Language Arts I - Grades 9 This course provides instruction and development for students in Spanish language arts, with an emphasis on communication and literacy skills (Speaking, Reading, Writing, Listening and Comprehension). This course must address the Common Core State Standards (Common Core en Espanol) for Spanish Language Arts. The course builds upon the students' prior knowledge of grammar, vocabulary, word usage, and mechanics of writing, and usually includes the four aspects of language use: reading, writing, speaking, and listening. Usually, the various genres of literature are introduced and defined, with writing exercises often linked to reading selections. This course must be taught in Spanish. (i.e. home/heritage language). As per Bilingual Multicultural Education regulation and statute, extensive study of the cultures and traditions related to the home/heritage language at the regional, national and international levels must be included. This course/class WILL be considered as part of a funded bilingual program.	9	New				
1278	Spanish Language Arts II - Grades 10 This course provides instruction and development for students in Spanish language arts, with an emphasis on communication and literacy skills (Speaking, Reading, Writing, Listening and Comprehension). This course must address the Common Core State Standards (Common Core en Espanol) for Spanish Language Arts. The course offers a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi paragraph thematic essays and compositions. The study of literature encompasses various genres as students improve their reading rate and comprehension and develop the skills to determine authors: intent and theme and to recognize the techniques employed by the author to achieve the goal. This course must be taught in Spanish. (i.e. home/heritage language). As per Bilingual Multicultural Education regulation and statute, extensive study of the cultures and traditions related to the home/heritage language at the regional, national and international levels must be included. This course/class WILL be considered as part of a funded bilingual program.	10	New				

1279	Spanish Language Arts III - Grades 11 This course provides instruction and development for students in Spanish language arts, with an emphasis on communication and literacy skills (Speaking, Reading, Wirling, Listening and Comprehension). This course must address the Common Core State Standards (Common Core en Español) for Spanish Language Arts. The course continues to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses. This course must be taught in Spanish. (i.e. home/heritage language). As per Billingual Multicultural Education regulation and statute, extensive study of the cultures and traditions related to the home/heritage language at the regional, national and international levels must be included. This course/class WILL be considered as part of a funded billingual program.	11	New				
1280	Spanish Language Arts IV - Grades 12 This course provides instruction and development for students in Spanish language arts, with an emphasis on communication and literacy skills (Speaking, Reading, Writing, Listening and Comprehension). This course must address the Common Core State Standards (Common Core en Espanol) for Spanish Language Arts. The course blends composition and literature into a cohesive whole, as students write critical and comparative analyses of selected literature. Typically, multi paragraph essays predominate as the form of student composition, but one or more major research papers may also be written. This course must be taught in Spanish. (i.e. home/heritage language). As per Bilingual Multicultural Education regulation and statute, extensive study of the cultures and traditions related to the home/heritage language at the regional, national and international levels must be included. This course/class WILL be considered as part of a funded bilingual program.	12	New				
1281	Sign Language - Recommended for Students Grades K - 12 - Course introduces American Sign Language and, as classes continue, increase students' ability to communicate with deal persons through finger spelling, signed words, and gestures. Sign Language courses may also incorporate lessons regarding the culture of deaf people, and/or their problems and concerns.	K-12					
1282	Braille – Grades K-8 - The course provides instruction to elementary students to tactually read and write Braille as a nonvisual medium with an emphasis on reading academic and functional material which includes the study of tactual discrimination, physical reading techniques, Braille code contractions, convections, rules of usage and Braille Formats. The course may also include the study of Braille code for writing math and science information, such as equations, formulas, and symbols, as needed by the student to progress within the math and science courses.						

1283	Braille – Grades 9-12- This course provides instruction to students to tactually read and write Braille as a nonvisual medium with an emphasis on the study of Literary Braille as needed to read academic and functional material which includes the study of tactual discrimination, physical reading techniques, Braille code contractions, convections, rules of usage and Braille formats. The course may also include the study of Braille code for writing math and science information such as equations, formulas, and symbols, as needed by the student to progress within math and science courses.					
1284	Foreign Language I - Course introduces students to the basic skills - listening, speaking, reading, and writing - and to the basic structures of foreign language taught within the cultural context. Emphasis will be placed on oral communication skills. A career awareness component is included which emphasizes the importance of the foreign language has in the world. The language of the class will be reported in Course Instructor Snapshot in field 20 - PRIMARY INSTRUCTION LANGUAGE CODE.	NEW				
1285	Foreign Language II - Course continues to develop communicative skills. There is wider use of German not only in classroom management, but also in teaching concepts. Emphasis is on sustained communication, both oral and written. An appreciation of culture of German speaking countries is enhanced. The language of the class will be reported in Course Instructor Snapshot in field 20 - PRIMARY INSTRUCTION LANGUAGE CODE.	NEW				
1286	Foreign Language III - Course continues the development of communicative skills, enhances reading skills and appreciation of supplementary materials in literature, history, geography and fine arts. The students begin to manipulate the language through creative and expository writing. The language of the class will be reported in Course Instructor Snapshot in field 20 - PRIMARY INSTRUCTION LANGUAGE CODE.	New				

1287	Foreign Language IV - Course promotes oral communication in any foreign language and emphasizes the study of different genres in the literature of the foreign language studied. I focuses on literary analysis and criticism by means of extensive reading of classical and modern masterpieces in the foreign language studied. The language of the class will be reported in Course Instructor Snapshot in field 20 - PRIMARY INSTRUCTION LANGUAGE CODE.	t I	NEW				
1290	French as a Second Language for Elementary Students - Recommended for Students Grades K - 8 - This course provides instruction to elementary students in the basic skills o listening, speaking, reading, and writing in a language other than English. This course/ class must follow the Curriculum Program Requirements found in SBE Regulation 6.30.2.11, NMAC - "Standards for Excellence." Local curriculum will be aligned with the NM PET Modern, Classical and Native Languages Content Standards with Benchmarks. This course/class will NOT be considered as part of a funded bilingual program.	5 5 5					
1291	German as a Second Language for Elementary Students - Recommended for Students Grades K - 8 - This course provides instruction to elementary students in the basic skills of listening, speaking, reading, and writing in a language other than English. This course/ class must follow the Curriculum Program Requirements found in SBE Regulation 6.30.2.11,4 NMAC - "Standards for Excellence." Local curriculum will be aligned with the NM PET Modern, Classical and Native Languages Content Standards with Benchmarks. This course/class will NOT be considered as part of a funded bilingual program.	5					
1292	Native American Language as a Second Language for Elementary Students Recommended for Students Grades K - 8 - This course provides instruction to elementary students in the basic skills of listening, speaking, reading, and writing in a language other that English - This course class must follow the Curriculum Program Requirements found in SBE Regulation 6.30.2.11.A NMAC - "Standards for Excellence." Local curriculum will be aligned with the NM PED Modern, Classical and Native Languages Content Standards with Benchmarks. This course/class will NOT be considered as part of a funded bilingua program.						

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1293	•	Spanish as a Second Language for Elementary Students - Recommended for Students Grades K - 8 - This course provides instruction to elementary students in the basic skills of listening, speaking, reading, and writing in a language other than English. This course/ class must follow the Curriculum Program Requirements found in SBE Regulation 6.30.2.11.A NMAC - "Standards for Excellence." Local curriculum will be aligned with the NM PD Modern, Classical and Native Languages Content Standards with Benchmarks. This course/class will NOT be considered as part of a funded billingual program.					
1294	ı	"Other" Language as a Second Language for Elementary Students (for languages other than those identified for Elementary Students above) - Recommended for Students Grades K - 8 - This course provides instruction to elementary students in the basic skills of listening, speaking, reading, and writing in a language other than English. This course/ class must follow the Curriculum Program Requirements found in SEE Regulation 6.30.2 (A NMAC - "Standards for Excellence." Local curriculum will be aligned with the NM PED Modern, Classical and Native Languages Content Standards with Benchmarks. This course/class will NOT be considered as part of a funded bilingual program.					
1296	,	Foreign Language and Literature -Independent Study - Recommended for Students Grades 9 - 12 - Course is conducted with instructors as mentors; allow students the opportunity to explore particular topics related to one or several foreign languages that are not offered as part of the regular curriculum.					
1299	,	Foreign Language and Literature - Recommended for Students Grades 9 - 12 - Other. Typically used with advanced dual credit topics.	9-12				

130	0	Communication Exploration - Course surveys an array of topics employing graphic and technical communication, exposing students to various methods of communication such as drafting, photography, graphic arisprinting, commercial art, telecommunications, and electronic and computer aided communication. These courses may serve as a basic introduction to the methods, tools, and techniques of these areas.						
130		Graphic Communication Exploration - Course surveys a range of topics using graphic communication, exposing students to many types of printing, design, and advertising career opportunities in various industries. Techniques of various communications fields are presented, including printing, drafting, and commercial art. These courses may serve as a basic introduction to graphic communication tools and techniques.		Information Technology	Marketing Sales and Service	Arts Audio-Video Technology and Communications		
130	12	Principles of Telecommunications 9 - 12 - This course provides an introduction to the development and impact of telecommunications and the operational and technical aspects of network and telecommunications systems. It allows students to explore the various types and uses of networks and on-line services and to develop skills in accessing, navigating, and applying on-line services.		Information Technology				
130		Advanced Analog and Digital Logic and Circuits 9 - 12 - An interactive and practical introduction to fundamental concepts of electrical and computer engineering by implementing electronic systems, which can be digitally controlled and interrogated, with a programmable microcontroller with the ability to program the electrical connections between analog and digital components.		Information Technology				

1311	Printing Careers Exploration - Course exposes students to the methods and tools of the industries using graphic arts and printing techniques. Opportunities and careers in the printing, newspaper, publishing and allied industries are explored as various topics related to the printing process are covered.	9-12	Information Technology	Arts Audio-Video Technology and Communications			
1313	Graphic Arts/Printing - Course exposes students to the various tools and techniques used in the printing industry. Topics typically include (but are not limited to) design, layout, paste up, process photography, stripping, plate making, lithography, offset press operation, and bindery. Graphics Arts/Finting courses may also include other components, such as lettering, computer graphics, or desktop publishing.		Information Technology	Arts Audio-Video Technology and Communications	Marketing Sales and Service		
1323	Commercial Art - Course provides students with the opportunity to explore the use of art and design in specific industries and in business as a whole. Topics, skills, and techniques covered and refined include (but are not limited to) drawing with various media, reproduction, lettering and typography, layout and paste up, perspective drawing, illustration, and design principles. A wide range of applications may be used, including books, brochures, packages, and school publications. The courses may also include photography, silkscreen, and airbrush techniques.	9-12	Information Technology	Arts Audio-Video Technology and Communications	Marketing Sales and Service		
1333	Commercial Photography - Course provides students with the opportunity to explore the application of photography in commercial enterprises and industry. Topics may include (but are not limited to) photographic techniques, composition, printmaking, and finishing.	9-12	Information Technology	Arts Audio-Video Technology and Communications	Marketing Sales and Service		

1395	Graphic and Printing Communication - Related Subjects - Course offers instruction in related topics that are necessary or helpful in graphic communication, commercial arts or printing occupations; such topics may include mathematics, science, drafting, design, and so on.	9-12	Information Technology	Arts Audio-Video Technology and Communications			
1397	Graphic and Printing Communication - OJT - Course provides work experience within the graphic communication, commercial arts or printing fields. Although the student, teacher, and employer may set goals cooperatively, classroom attendance/experience is not an integral part of the Graphic Communication-OJT experience.		Information Technology	Arts Audio-Video Technology and Communications			
1398	Graphic Communication-Co-Op - Course provides work experience in the graphic communication, commercial arts or printing fields, and are supported by classroom attendance and discussion. Goals are set for the employment period; classroom experience may involve further study in the field, improvement of employability skills, or discussion regarding the experiences and problems encountered on the job.		Information Technology	Arts Audio-Video Technology and Communications			
1399	Graphic and Printing Communication – Other. Typically used with advanced dual credit topics.		Arts, Audio-Video Technology and Communications				

1401	Health Education - Recommended for Students Grades 9 - 12 - Course that provides knowledge and skills practice in a variety of health topics including the six CDC health risk behaviors, and must be aligned with the 9-12 PED Health Education content standards with benchmarks and performance standards. This course will meet the graduation requirement for Health Education.						
1402	Health and Fitness - Recommended for Students Grades 6 - 12 - Course combines the topics of Health Education courses (nutrition, stress management, abuse prevention, disease prevention, first aid, and so on) with an active fitness component (typically including aerobic activity and fitness circuits) with the intention of conveying the importance of life long wellness habits.						
1403	Community Health - Recommended for Students Grades 6 - 12 - Course covers not only personal health topics (nutrition, stress management, abuse prevention, disease prevention, first aid, and so on), but also more general health issues. These additional topics may include (among others) available community resources, fundamentals of the nation's health care system, contemporary world health issues, and career options within the health field.						
1404	Special Needs Health Education - Recommended for Students Grades 6 - 12 - Course focuses on the health requirements of individuals with special needs, and emphasize meeting those needs within the home setting. Information regarding the elderly and individuals with disabilities, handicaps, and/or debilitating illnesses is provided, along with strategies to prepare students for their possible roles as caretakers.		Health Science	Human Services	Government and Public Administration	Education and Training	

1405	Safety and First Aid - Recommended for Students Grades 6 - 12 - Course provides specialized instruction in first aid techniques, cardiopulmonary resuscitation, relief or obstructed airways, and general safety procedures and behaviors. Course topics may include an overview of community agencies and hotlines providing emergency care and information.			Health Science	Hospitality and Tourism			
1406	Health for Parenting Teens - Recommended for Students Grades 6 - 12 - Course designed for pregnant teens and/or parents, topics within Health for Parenting Teens course cover a wide range of both health and parenting issues. Prenatal and postnatal care, health and wellbeing of young parents, child development, stress management, and parental/adul roles are typically included. The courses may also include academic assistance, caree exploration, financial management, and so on.			Human Services				
1407	Health and Life Management - Recommended for Students Grades 6 - 12 - Course focuses as much on consumer education topics (such as money management and evaluation of consumer information and advertising) as on personal health topics (such as nutrition stress management, drug/alcohol abuse prevention, disease prevention, and first aid). Ir addition, development of decision making, communication, interpersonal and coping skills and strategies are included as course objectives.			Human Services	Health Science	Education and Training		
1420	GRADS: - Recommended for Students Grades 6 - 12 - Course of a specialized curriculum designed for students who are parents or parents-to-be. Students are involved in topics such as balancing work and family, healthy interactions with their child and career developmen and advancement. (MUST BE A GRADS RECOGNIZED SITE IN ORDER TO COUNT STUDENTS IN THIS COURSE).		GRADS					

1499	Health Education - Recommended for Students Grades 6 - 12 - Other. Typically used with advanced dual credit topics.	6-12	Human Services	Health Science	Education and Training		
1501	Health Care Occupations Career Exploration - Recommended for Students Grades 7- 12 - Course designed for students with an interest in medicine or the allied health fields. Health Care Occupations Career Exploration courses expose students to the opportunities available in a variety of occupational clusters within the health care industry (such as dental care, general and administrative services, lab technology, nursing, therapy, and vision care). Experiences in several of these occupational clusters may be provided, along with information and knowledge related to the health care industry as a whole.		Human Services	Health Science			
1502	Health Care Occupations - Recommended for Students Grades 9 - 12 - Course usually offered as a series to provide orientation to, and refinement of, the knowledge and skills germane to the health care industry. Topics usually include (but are not limited to) and overview of health care delivery, patient care, including assessment of vital signs, body mechanics, and diet; anatomy and physiology; identification and use of medical equipment and supplies; medical terminology; hygiene and disease prevention; first aid and CPR procedures; laboratory procedures; and ethical and legal responsibilities. Clinical experiences in local health care settings are integral to the courses.		Human Services	Health Science			
1503	Allied Health Occupations - Recommended for Students Grades 11 - 12 - Course covering the same scope of topics as Health Care Occupations course, also, enables students to choose one or several specialties to study in more detail. Course content depends upon the chosen field (such as physical or respiratory therapy, gerontology, medical laboratory technology, medical assisting, and dental assisting, and so on).		Human Services	Health Science			

1504	ı	Nursing-CNA - Recommended for Students Grades 9 - 12 - Course covering the same scope of topics as Health Care Occupations courses, the Nursing course places a special emphasis on the particular competencies required of nurses and/or nursing assistants and aides. Topics may include normal growth and development; bathing, feeding, dressing, and transporting patients; basic pharmacology, doctor, nurse, patient relationships and roles; medical and professional ethics; death and dying; and care of various kinds of patients (chronically ill, medical-surgical, children, new mothers, and so on).		Human Services	Health Science		
1505	5	Nursing-LPN - Recommended for Students Grades 9 - 12 - Course covering the same scope of topics as Nursing, Nursing-LPN courses delves into more detail, in order to prepare students to stand for the state's practical nurse licensing examination. Nursing-LPN courses provide the knowledge and experience needed for nursing care of patients of all ages, in various stages of sickness or health, and with a variety of disease conditions. Additional topics may include community health, nutrition, drug therapy and administration, and mental illness.		Human Services	Health Science		
1506	3	Home Health Care - Recommended for Students Grades 10 - 12 - Course provides instruction in the care of individuals within their homes. Course content relates health care practices and procedures to the home environment, and typically includes patient care, comfort, and safety; anatomy and physiology; disease and infection prevention; nutrition and meal preparation; human relations; first aid and CPR. Topics may also include therapy strategies, household management, and employability.		Human Services	Health Science		
1507	,	Nursing Science I – Grade 11– Nursing Science I introduces students to the foundation and fundamentals of human systems, anatomy, equilibrium, physics, culture, history of disease, and cellular functions. The curriculum is related to the care of patients and the treatment of disease. Literacy strategies are integrated throughout the curriculum.		Health Science			

Medical Ciferical Assisting - Recommended for Students Grades 11 - 12 - Course trains students in the skills that combine and mission to both the medical and circular skills. Designed students may be an interested including scarcinal remode assistant conspicuous within the combine of vital signs. routine lab procedures, medical transcription, medical insurance, financial accounting, and record begging. Medical Office - Recommended for Students Grades 10 - 12 - Course exposes students to asists that consiste and relates to both the motival and circular students to asist that consiste and relates to both the motival and circular students to asists that consiste and relates to both the motival and circular students for the students of the stu							
skills that combine and relate to both the medical and clerical fields. Designed for students who are interested in clerical/transcription/coding/pocupations within the health care industry (human and animal). Courses develop skills in patient exam preparation, evaluation and assessment of vital signs. Can include medical laboratory procedures, medical transcription/coding/billing, insurance, scheduling and patient recording in context to front office duties. Medical Lab Technician - Recommended for Students Grades 11 - 12 - Course provides students with the background and skills necessary for employment in health care-related laboratory feetingues (microlingues) for employment in health care-related laboratories. Topics usually include anatomy and physiology, microbiology; chemistry, and laboratories. Topics usually include anatomy and physiology, microbiology; chemistry, and laboratories.	1513	tudents in the skills that combine and relate to both the medical and clerical fields. Designed or students who are interested in clerical, secretarial, or medical assistant occupations within he health care industry, these courses develop skills in patient exam preparation, assessment if vital signs, routine lab procedures, medical transcription, medical insurance, financial	11-12	Health Science			
students with the background and skills necessary for employment in health care-related 1515 laboratories. Topics usually include anatomy and physiology; microbiology; chemistry; and Health Science Idaboratory techniques (including preparation and analysis of various cultures and specimens).	1514	kills that combine and relate to both the medical and clerical fields. Designed for students who are interested in clerical/transcription/coding occupations within the health care industry human and animal). Courses develop skills in patient exam preparation, evaluation and sssessment of vital signs. Can include medical laboratory procedures, medical ranscription/coding/billing, insurance, scheduling and patient recording in context to front		Health Science			
11-12	1515	tudents with the background and skills necessary for employment in health care-related aboratories. Topics usually include anatomy and physiology; microbiology; chemistry; and aboratory techniques (including preparation and analysis of various cultures and specimens).		Health Science			
EKG Technician - Recommended for Students Grades 10 - 12 - Course offers students the knowledge and skills to perform electrocardiograph activities within the health care field. EKG Technology courses emphasize the cardiovascular system (function, diseases, and rhythms); 1516 EKG machinery; and the use of drugs and their effects. However, these courses usually include general health care topics as well, such as basic anatomy and physiology; patient care; first aid and CPR; identification and use of medical equipment; medical terminology; and human relations. 10-12	1516	nowledge and skills to perform electrocardiograph activities within the health care field. EKG rechnology courses emphasize the cardiovascular system (function, diseases, and rhythms); EKG machinery; and the use of drugs and their effects. However, these courses usually include general health care topics as well, such as basic anatomy and physiology; patient are; first aid and CPR: identification and use of medical equipment; medical terminology; and		Health Science			

1517	Emergency Medical Technician (Career/Technical) - Recommended for Students Grades 9 - 12 - Course covers the same scope of topics as Health Care Occupations courses, but this course places a special emphasis on the knowledge and skills needed in medical emergency situations. Topics may include methods for lifting and transporting injured persons, controlling bleeding, stabilizing fractures, clearing airway obstructions, and responding to cardiac arrest. This course is similar to 1792 Emergency Medical Technician (Applied Science) which is listed under the Life and Physical Sciences section; however, this course follows the Career/Technical path as opposed to the Applied Science path. This course does not count as a science graduation credit.		Health Science			
1518	Surgical Technician - Recommended for Students Grades 11 - 12 - Course covering the same scope of topics as Health Care Occupations courses, this course particularly emphasize assisting patients who have undergone surgical procedures. In keeping with that focus, topics include operation room materials, tools, and procedures; aseptic surgical technique preparation and handling of surgical instruments; efficiency in the operating room; and the roles of various medical personnel present during surgery.		Health Science			
1519	Central Service Technician - Recommended for Students Grades 9 - 12 - Course provides students with the knowledge and skills related to the procurement, handling, storage, and distribution of sterile goods and equipment. Course components may include quality assurance; infection control and isolation techniques; medical terminology and processes; decontamination and sterilization; and anatomy, physiology, microbiology, and chemistry.		Health Science			
1520	Medical Terminology – Recommended for Students Grades 9 - 12 - The study and understanding of medical terminology as it relates to diseases, their causes, and effects, and the terminology used in various medical specialties. Emphasis is placed on learning the basic elements of medical vortex, appropriate spelling and use of medical terms, and use of medical abbreviations related to anatomy & physiology.					

1523	Dental Assisting - Recommended for Students Grades 10 - 12 - Course exposes students to the tools, terminology, and procedures necessary for a career in the dental industry (usually as a dental assistant). Course content covers a wide range of topics and typically includes dental anatomy and terminology; identification and use of dental equipment; dental pathologies and procedures; assepsis; dental laboratory procedures; emergency first aid; and the ethical and legal responsibilities of dental care workers.		Health Science			
1524	Dental Laboratory Technician - Recommended for Students Grades 11 - 12 - Course exposes students to the tools, terminology, and procedures necessary for a career in a dental laboratory. Dental Laboratory Technology courses generally cover the same scope of tools as Dental Assisting courses, but emphasize experience in making mouth guards, taking impressions, creating various types of dental molds and models, and fabricating prostheses and dental appliances.		Health Science			
1533	Vision Care Assisting - Recommended for Students Grades 9 - 12 - Course exposes students to the tools, terminology, and procedures necessary for a career in the optometric or optic field. Vision Care Assisting courses typically include the physics of light and refraction; the anatomy, physiology, and terminology associated with the eyes; identification and use of optometric and/or optical equipment; optical procedures; human relations; and the ethical and legal responsibilities of vision care workers.		Health Science			
1540	Sports Medicine - Recommended for Students Grades 11 - 12 - This course is a study and analysis of injuries commonly associated with athletes. The course explores the roles of the athlete trainer, physician and coach as they relate to the physiological and psychological welfare of the athlete. The lab portion of the class is integrated.		Health Science			

1550	Medical Anatomy & Physiology - Recommended for Students Grades 11 - 12 - Usually taken after Biology-First-Year courses, Anatomy and Physiology courses present the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and so on), and may dissect mammals.			Health Science			
1551	Intro to Biotechnology Research and Development 9 - 12 - Students will develop a strong foundation in molecular biology including genetics, microbiology, and cell biology. This course will introduce students to procedures and instruments used in biotechnology laboratories. Students will connect biological processes to medical diagnostics, forensic science, agricultural biology, genetics and genetic counseling, and bioethics. Safety protocols and maintenance of written records will be emphasized. Students will integrate molecular biology concepts with lab procedures, mathematics and technical writing.			Health Science			
1560	Advanced Career-Health Informatics Data and Use 9-12 -This foundational course focuses on the use of data and databases within the health field. Students explore the following questions using project-based and problem-based scenarios. What are data? What are the sources of data in the medical and health informatics fields? How can we use data? How do we make sense of data? How may we apply data to our own lives? Students interact with professionals in thehealth informatics field through interviews or on-site and/or virtual field trips.	NEW	SREB	Health Science	Science, Technology, Engineering and Math		
1561	Advanced Career-Health Informatics Transforming Data into Information 9-12 - In this course, students study ways to use data to address both patient and industry needs in the health-care fi eld. Students use software such as Microsoft Access, Excel and Balsamiq to collect and analyze data, develop a health-care registry, create a mobile app mockup and develop forms and systems to solve health-care problems. The following questions are addressed through project or problem-based scenarios: How can technology and analysis create better information to inform better decisions? How can we use technology tools to create information from data? How can we use technology to improve public and individual health? How can we use technology to protect patient privacy?	NEW	SREB	Health Science	Science, Technology, Engineering and Math		

1562	:	Advanced Career-Health Informatics Transforming Info into Knowledge 9-12 - Th is advanced course allows students to make improvements in the health-care fi eld by designing solutions using the information, knowledge and technology tools available to health informatics professionals. Students are engaged in the following activities: building a system of sharing information among health-care facilities; using social media tools to reduce diseases in foreign countries; exploring voice recognition software, using a motion-based video gaming console for rehabilitation; and exploring clinical decision rules for improving patient care.	9-12	NEW	SREB	Health Science	Science, Technology, Engineering and Math			
1563	ı	Advanced Career-Health Informatics Problems and Solutions 9-12 -In this advanced course, students study and design solutions to problems facing health-care systems. Students explore the following questions through project or problem-based scenarios: How can the health-care system work more efficiently and economically? How do we address health-care issues in rural locations? How can various community organizations work together to improve the health of the community? Students interact with professionals in the health informatics field through interviews or on-site and/or virtual field trips.		NEW	SREB	Health Science	Science, Technology, Engineering and Math			
1595	i	Health Care Sciences-Related Subjects Recommended for Students Grades 9 - 12 - Course in this category offers instruction in related topics that are necessary or helpful in health care occupations; such topics may include mathematics, science, and/or communications.	9-12			Health Science				
1596	·	Health Care Sciences-Independent Study - Recommended for Students Grades 9 - 12 - Course conducted with instructors as mentors; enable students to explore health related topics of interest in greater depth and detail. Independent Study courses may serve as an opportunity to expand expertise in a particular specialization, to explore a topic of special interest within a health related industry, or to develop more advanced skills.	9-12			Health Science				

1597	Health Care Sciences-OJT - Recommended for Students Grades 12 - Course work experience within the health care industry. Although the student, teacher, and employer may set goals cooperatively, classroom attendance/experience is not an integral part of the Health Care Sciences-OJT experience.			Health Science			
1598	Health Care Sciences-Co-Op - Recommended for Students Grades 10 - 12 - Course provides work experience in the health care industry supported by classroom attendance and discussion. Goals are set for the employment period; classroom experience may involve further study in the field, improvement of employability skills, or discussion regarding the experiences and problems encountered on the job.			Health Science			
1599	Health Care Sciences-Other - Recommended for Students Grades 9 - 12 - Please contact Health Occupations Administrator before classifying a student in this category. Typically used with advanced dual credit topics.			Health Science			
1602	PLTW Gateway to Technology - Recommended for Students Grades 6 - 8 - Middle school course that introduces the basics of design and modeling, electronic theory, the science of technology, and automation and robotics. (This is the introductory course for Project Lead the Way.)		PLTW				

1603	Career Exploration - Recommended for Students Grades 6 - 8 - Course helps students identify and evaluate personal goals, priorities, aptitudes, and interests in the pursuit of effective career decision-making. Career Exploration courses expose students to various sources of information on career and training options, and may also enable students to understand the implications of technological and economic changes on the labor market. These courses may also include the development of job search and employability skills.					
1604	Employability Skills - Recommended for Students Grades 9 - 12 - Like Career Exploration courses, Employability Skills courses also help students match their interests and aptitudes to career options. However, the focus of Employability Skills courses is placed on sources of employment information, job seeking, interview techniques, applications and resumes, and the skills needed to remain and advance within the workplace. Course content may also include consumer education and personal money management topics.					
1606	Work Experience - Recommended for Students Grades 11 - 12 - Course provides general work experience, and emphasizes career guidance, job search, application, and employability skills (including refining academic and job skills and developing positive work attitudes). Students are employed, but their employment is not necessarily related to a particular vocational program or course of study.		All 16 Career Pathws	ays		
1611	General Technology Education - Recommended for Students Grades 9 - 12 - Course exposes students to the tools, machines, processes, and systems that may be encountered in manufacturing-related occupations and enable students to develop the manual skills to use these tools in a variety of applications. The courses also explore the technology used in manufacturing products, transporting goods and people, effective communication, and efficient energy conversion. Topics may include (but are not limited to) drawing and planning, electricity, graphic arts, woodwork, metalwork, plastics, and power technology. General safety and career exploration are also covered.		Science, Technology, Engineering and Math	Education and Training		

1612	Materials and Processes Recommended for Students Grades 9 - 12 - Similar to Technology Education courses in that they expose students to the tools, machines, and systems that may be encountered in manufacturing related occupations. Materials and Processes courses relate this exposure particularly to the analysis, testing, and processing of metals, plastics, woods, ceramics, and composite materials.			Science, Technology, Engineering and Math	Architecture and Construction	Manufacturing		
1613	Metal and Wood Technology - Recommended for Students Grades 9 - 12 - Course includes studying the properties of metals, woods, and composites, and using these materials to design and construct functional products. Metal and Wood Technology courses enable the student to experience the process of translating an idea into a finished product, with instruction in planning, designing, selecting materials, and using tools and machines.			Science, Technology, Engineering and Math	Architecture and Construction	Manufacturing		
1614	Industrial Safety/First Aid - Recommended for Students Grades 9 - 12 - Course provides instruction in safe operating procedures related to various trades, as well as more general training in emergency first aid and CPR. Course topics may include the importance of standard operation procedures, agencies and regulations related to occupational safety and hazard prevention, and the dangers of particular materials.			Architecture and Construction	Transportation Distribution & Logistics	Government and Public Administration	Manufacturing	
1615	PLTW Introduction to Engineering Design - Recommended for Students Grades 9 - 12 Students deeply explore the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work. (A "Project Lead the Way" course).		PLTW	Science, Technology, Engineering and Math	Manufacturing	Information Technology	Architecture and Construction Arts, Audio-Video Technology and Communications	

1616	PLTW Digital Electronics - Recommended for Students Grades 10 - 1 phones to appliances, digital circuits are all around us. This course provides students who are interested in electrical engineering, electronics, or circuit study topics such as combinational and sequential logic and are exposed tools used in industry, including logic gates, integrated circuits, and providevices.(A "Project Lead the Way" course).	a foundation for design. Students to circuit design	Science Technology Engineering and Math	Manufacturing	Information Technology	Architecture and Construction		
1617	PLTW Principles of Engineering - Recommended for Students Grades: problems that engage and challenge, students explore a broad range of en including mechanisms, the strength of structures and materials, and autor develop skills in problem solving, research, and design while learning strat process documentation, collaboration, and presentation. (A "Project Lead th	9 - 12 - Through gineering topics, mation. Students tegies for design	Science, Technology, Engineering and Math	Manufacturing	Information Technology	Architecture and Construction		
1618	PLTW Computer Integrated Manufacturing - Recommended for Students - Manufactured items are part of everyday life, yet most students have not be the high-tech, innovative nature of modern manufacturing. This course opportunities related to understanding manufacturing. At the same time, it is about manufacturing processes, product design, robotics, and automation. S a virtual manufacturing badge recognized by the National Manufacturing B "Project Lead the Way" course).	s Grades 10 - 12 sen introduced to illuminates the teaches students tudents can earn	Science, Technology, Engineering and Math	Manufacturing	Information Technology	Architecture and Construction		
1619	PLTW Civil Engineering and Architecture - Recommended for Students Students learn important aspects of building and site design and developm math, science, and standard engineering practices to design both residential projects and document their work using 3D architecture design software. (// the Way" course).	Grades 10 - 12 - nent. They apply and commercial	Science Technology Engineering and Math	Manufacturing	Information Technology	Architecture and	Government and Public Administration	

1620	PLTW Capstone Class - Engineering Design and Development - Recommended for Students Grade 11 - 12 - The knowledge and skills students acquire throughout PLTW Engineering come together in EDD as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, and complete the EDD ready to take on any post-secondary program or career. (A "Project Lead the Way" course).	11-12	PLTW	Science Technology Engineering and Math	Manufacturing	Information Technology	Architecture and Construction		
1621	PLTW Aerospace Engineering - Recommended for Students Grades 10 - 12 - This course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of light, students bring the concepts to life by designing an altiquity propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles. (A "Project Lead the Way" course).	10-12	PLTW	Science, Technology, Engineering and Math	Manufacturing	Information Technology	Transportation, Distribution and Logistics		
1623	Production Systems - Recommended for Students Grades 9 - 12 - Course introduces students to the concepts of manufacturing technologies, from conception through production. Although courses vary, students typically analyze markets, design and develop prototyes, plan a marketing or sales strategy, manage a production plan, and manufacture useful products. The evolution and impact of technology on society's social, cultural, and economic systems and institutions is also explored.	9-12		Manufacturing	Science Technology Engineering and Math	Architecture and Construction	Agriculture, Food and Natural Resources	Business Management and Administration	
1624	Manufacturing Systems - Recommended for Students Grades 9 - 12 - Course introduces students in a general fashion to the manner in which materials are processed and transformed using various methods. Processing techniques covered may include casting, forming, separating, assembling, and finishing. The courses may also include an overview of management techniques in planning, organizing, and controlling various segments of the manufacturing process, including design, engineering, production, and marketing. Students may organize a "company" and create products for sale.			Science, Technology, Engineering and Math	Business Management and Administration	Manufacturing	Architecture and Construction	Agriculture, Food and Natural Resources	

1625	Technology Systems - Recommended for Students Grades 9 - 12 - Course enable students to explore the designs, resources, processes, management, products, and analyses as they relate to information physical and bio/chemical atechnologies. The development, practical application, and impact of technologies are emphasized, as is teamwork. This course may be offered in a shop setting, a computer-driven lab, a classroom, or combination of the three.		Manufacturing	Science Technology Engineering and Math	Architecture and Construction	Information Technology	Business Management and Administration	Transportation Distribution & Logistics	
1626	Emergent Technologies - Recommended for Students Grades 9 - 12 - Course exposes students to the new technologies that affect our technological society. A wide range of technologies may be covered, but examples include video production and editing, lasers, fiber optics, electronics, robotics, technical communications, bio/chemical technologies, and computer technologies (artificial intelligence, computer-aided design and/or machining, and so on). This course is often offered in a modular format.		Transportation, Distribution and Logistics	Agriculture, Food and Natural Resources	Architecture and Construction	Information Technology	Science, Technology, Engineering and Math	Manufacturing	
1627	Research and Development - Recommended for Students Grades 9 - 12 - Course provides students with the opportunity to focus on one or more areas of technology, creatively pursuing new knowledge or solving a technological problem, by designing and building prototypes and working models. Appropriate information is learned and applied in order to complete the research and development process.		Business Management and Administration	Education and Training	Government and Public Administration	Manufacturing	Agriculture, Food and Natural Resources	Science Technology Engineering and Math	Health Science
1629	Micro-electro-mechanical Systems (MEMS) - Recommended for Students Grades 9-12 This course is a study of elements of MEMS design utilizing integrated Sandia National Laboratories MEMS software coupled with Auto CAD to form the basis of a fully integrated MEMS design environment. Emphasis will be placed on teaching the process involved in producing MEMS as well as the usage of tools within the AutoCAD environment to realize these design ideas. The class will be hands-on and facilitate laboratory equipment.		Information Technology	Science Technology Engineering and Math	Health Science	Manufacturing	Architecture and Construction		

1633	Appliance Repair - Recommended for Students Grades 9 - 12 - Course provides students with the knowledge and experience to repair, install, and service appliances such as stoves, refrigerators, washers, dryers, air conditioners, water heaters, and so on. Students gain are understanding of the mechanics and working systems of these appliances, the skills to reach blueprints and specifications; and proficiency in using related tools and products.		Architecture and Construction					
1634	Equipment Maintenance and Repair - Recommended for Students Grades 9 - 12 - Course prepares students to adjust, maintain, replace and repair parts of machinery and to repair tools, equipment, and machines. The courses may have a general emphasis or may focus on a specific type of machinery or on equipment related to a particular industry. Depending upon the intent, course topics may include electric, hydraulic, or mechanic systems; control devices, valves, and gates; or supplemental equipment such as fans, hoses, and pipes.		Transportation, Distribution and Logistics	Agriculture, Food and Natural Resources	Architecture and Construction			
1643	Upholstery - Recommended for Students Grades 9 - 12 - Course exposes students to the tools, materials, and techniques used to fit and repair furniture with material coverings, padding, fillers, and springs. Course content includes selection of furniture and fabric; design and construction of upholstery projects; and finishing and trimming furniture.	,	Architecture and Construction	Arts Audio-Video Technology and Communications				
1650	Foundations in 21st Century Skills Grade 9 – 12 - Introductory course that introduces workforce skills based on the following modules of the Ford Partnership for Advance Studies curriculum: From Concept to Consumer: Building a Foundation in Problem-Solving, Media and Messages: Building a Foundation of Communication Skills, People at Work: Building a Foundation of Research Skills, Careers, Companies, and Communities.	1	Business Management and Administration	Architecture and Construction	Education and Training	Science Technology Engineering and Math		

1660	PLTW Principles of Biomedical Sciences – Grades 9 – 12 - In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems. This course serves as the first course for PLTW Biomedical Science. (A "Project Lead the Way" course).		PLTW	Health Science	Science Technology Engineering and Math			
1661	PLTW Human Body Systems – Grade 9 – 12 - Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Manikin®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases. This course serves as the precursor for PLTW Principles of Biomedical Science 1662. (A "Project Lead the Way" course).		PLTW	Health Science	Science Technology Engineering and Math			
1662	PLTW Medical Intervention – Grades 9 – 12 - Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. This course is sequenced after PLTW Human Body Systems 1661. (A "Project Lead the Way" course).		PLTW	Health Science	Science Technology Engineering and Math			
1663	Biomedical Sciences – Grades 9 – 12 -In this capstone course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21 st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. Students have the opportunity to work on an independent project and may work with a mentor or advisor from a university, hospital, physician's office, or industry. Throughout the course, students are expected to present their work to an adult audience that may include representatives from the local business and healthcare community.			Health Science	Human Services	Science Technology Engineering and Math		

1664	PLTW Biomedical Innovation 9 - 12 - In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institutions. This course is sequenced after PLTW Medical Interventions 1662. (A "Project Lead the Way" course).			PLTW	Health Science	Science Technology Engineering and Math		
1665	Design and Modeling – Grades 6 – 8 - Students use geometry, problem-solving, teamwork, and project management skills to design and develop product prototypes.(A "Project Lead the Way" course)		Description	PLTW				
1666	Magic of Electrons – Grades 6 – 8 - Engaged in relevant hands-on projects, students unravel the mysteries of digital circuitry.(A "Project Lead the Way" course)	6-8		PLTW				
1667	Science of Technology – Grades 6 – 8 - Students apply scientific principles and concepts of simple machines and energy to solve real-world problems.(A "Project Lead the Way" course)			PLTW				

1668	Automation and Robotics – Grades 6 – 8 - Students design and build automated system that incorporate the principles of electrons, physics, and robotics to gain an enricher understanding of the contemporary mechanical world.(A "Project Lead the Way" course)	6-8	Description	PLTW				
1669	Flight and Space – Grades 6 – 8 - Developed with NASA, this unit explores the technology of aeronautics, propulsion, and rocketry. Students see connections between hands-on project and academic subjects such as math and science.(A "Project Lead the Way" course)	6-8	Description	PLTW				
1670	Advanced Career- Nature of Science and Technology 9 - 12 - This is a contextual-base SREB Advanced Curriculum course that introduces students to the core fundamental concepts of science and technology through authentic projects. Through these projects students will develop an understanding of the relationship between the physical, biological an social world. Students will gain an understanding of the differences between science an technology, and learn that technology is process for applying science. Students will develog a deeper understanding of scientific inquiry and the engineering design process when solvin real-world problems. Students will experience the interaction of science, technology engineering, math and literacy through a problem-based learning environment. Finally, the process will require students to use mathematics to analyze costs, develop budgets and make precise measurements to successfully implement project goals. This is the first course in the course sequence.			SREB	Science, Technology, Engineering and Math			
1671	Advanced Career- Core Applications of Science and Technology 9 - 12 - This SREE Advanced Curriculum course uses the concepts learned from the Advanced Career - Th Nature of Science and Technology course to further develop students' problem-solving strategies and skills needed by the 21st-century workforce. Students will continue to explor emerging technologies and techniques in the context of addressing authentic projects. Ker concepts introduced in this course include sustainability and environmental trends, systems thinking, and trend analysis and prediction. Through engagement, students will experience the necessary connection between literacy, mathematics and science in a variety of handson real-world projects requiring them to apply academic and technical concepts and skills and technology to complete. This course is sequenced after the Advanced Career- The Nature of Science and Technology 1670.			SREB	Science, Technology, Engineering and Math			

1672	Advanced Career - Impacts of Science and Technology 9 - 12 - This SREB Advanced Curriculum course will examine the past, present and future impact of science and technology on culture, society and the environment. Students will explore how their predecessors worked to solve some problems that still exist today, and examine the potential of using modern technology to solve those problems. From these explorations, students will engage in a variety of hands-on design projects that will address tradeoffs, optimization, interconnectivity and the nature of complex systems. This course is sequenced after the Advanced Career - Core Applications of Science and Technology course 1671.	SREB	Science, Technology, Engineering and Math			
1673	Advanced Career - Creativity and Innovations 9 - 12 - This SREB Advanced Curriculum course will allow students to brainstorm, use invention, innovation, creativity, predictive analysis and use technology to solve real-world problems. Dimensions covered will include research and development, troubleshooting, experimentation, design failures, patents and trademarks, and design under constraints. This course is sequenced after the Advanced Career - Impacts of Science and Technology course 1672.	SREB	Science, Technology, Engineering and Math			
1674	Advanced Career-Fundamentals of Aerospace Technology 9-12 - This project-based learning course engages students who are curious about aviation and aerospace careers. This course will introduce students to an engineering design process, tools to collect and analyze data, the science of aviation, materials and structures, and safety. Students will participate in teal-world experiences such as designing, building and testing a pilot seat, kite, staw order and launcher, motor-powered rocket and a model glider. This is the first course in the Aerospace Engineering Curriculum.	SREB	Science, Technology, Engineering and Math			
1675	Advanced Career-Advanced Aerospace Technology 9-12 - This course builds on the foundation of Course 1 and engages students in applying the design process, using tools to collect and analyze data, exploring a deeper level of the science of aviation and discovering how quality control systems work in the aviation field. Students will work collaboratively in teams to design, build and test a wing; plot a course for a plane to take off and land; design, build and test a wing attachment system; test materials under stress; and design, build and test an electric-powered plane. Students will demonstrate their newly acquired knowledge and skills by presenting their innovative ideas, techniques and solutions to business and industry partners.	SREB	Science, Technology, Engineering and Math			

1676	Advanced Career-Aeronautics Engineering Applications 9-12 - This project-bases learning course is for students who have successfully completed Courses 1 and 2. Students will learn about systems such as flight control, remote-control vehicles and the virtual world. Students will learn to fly using flight simulators. They will work collaboratively to propose a shift from a VOR navigation system to a GPS system and determine the cost savings. In addition, students will develop rotor blades for helicopters and design and program an unmanned flying vehicle. This is the third course in the Aerospace Engineering POS.	SREB	Science, Technology, Engineering and Math				
1677	Advanced Career-Astronautics Engineering Applications 9-12 - Students in this capstone course will focus on outer space and underwater applications. During the six projects, they will work collaboratively to design, build and test a laser communication system; develop a plan for space survivability in hostile environments; and utilize software to create a three-dimensional model of a satellite orbit and a team remote vehicle for underwater exploration. Depending on articulation agreements or state policy, students who successfully complete the course may be able to earn dual credit. This is the capstone class in the Aerospace Engineering POS.	SREB	Science, Technology, Engineering and Math				
1678	Advanced Career - Clean Energy Systems 9-12 - This course exposes students to three sources of renewable energy: wind, solar and biofuels. Working with solar, thermal, chemical and mechanical sources of clean energy teaches students how to apply physics, geography chemistry, biology, geometry, algebra and engineering fundamentals. Students learn the most efficient and appropriate use of energy production as they explore the relevant relationships among work, power and energy. Students will engage in a wide variety of hands-on projects and lab activities that both test their knowledge and illustrate the interrelationships between the various forms of clean energy. This is the first course in Clean Energy Technology POS.	SREB	Agriculture, Food and Natural Resources	Science, Technology, Engineering and Math			
1679	Advanced Career - Clean Energy Applications 9-12 - This course builds on the foundation of Course 1 and introduces nuclear power, steam generation, fuel cells, geothermal power, water power, AC/DC power generation, heat transfer and the laws of thermodynamics. In addition, students now use chemical and thermal energy principles to create, store and use energy efficiently to power a variety of mechanical and electrical devices. Students will engage in a variety of hands-on design projects to demonstrate principles using advanced technology hardware and software.	SREB	Agriculture, Food and Natural Resources	Science, Technology, Engineering and Math			

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188	580	Advanced Career - Clean Energy Strategies 9-12 - Students in this course utilize applicable skills from the foundational courses to tackle challenges associated with the implementation of clean energy technology. The hands-on projects encountered during this course will require students to address specific issues related to providing portable power in any situation, developing new energy storage systems, increasing the efficiency of the modern home, and designing more energy efficient buildings and homes.		SREB	Agriculture, Food and Natural Resources	Science, Technology, Engineering and Math			
166	581	Advanced Career - Clean Energy Innovations 9-12 - The innovations course is the fourth and final course in the Clean Energy Technology Pathway Program. The course will provide students the opportunity to work independently with open-ended, problem-solving scenarios to create an original solution in the area of clean energy entrepreneurship or clean energy research and development. Students will collaborate with a mentor to conduct applied research around a defined research problem, develop solutions, collect and analyze relevant data, evaluate their solutions, and present their findings in public venues and competitions.		SREB	Agriculture, Food and Natural Resources	Science, Technology, Engineering and Math			
16	595	Technology Education-Related Subjects - Recommended for Students Grades 9 - 12 - Course provides skills and knowledge necessary or useful for particular occupations or technologies within an industrial or technological field. Particular topics and skills, or their applications, covered in these courses may vary with the occupation or technology.			Information Technology	Manufacturing	Science Technology Engineering and Math	Architecture and Construction	
166	596	Technology Education-Independent Study - Recommended for Students Grades 9 - 12 - Course often conducted with instructors as mentors; enable students to explore topics of interest within one of the fields related to industry or technology.			Information Technology	Manufacturing		Architecture and Construction	

1699	Technology Education - Recommended for Grades - Other. Typically used with advanced dual credit topics.	9-12	Science, Technology, Engineering and Math	Information Technology	Architecture and Construction	Manufacturing		
1700	General Science - Student Grades 9 - 12 - Course introducing students to topics including but not limited to earth science, space science, physical science, and life science.	9-12						
1701	Earth science - Student Grades 5 - 12 - Course offers insight into the environment on earth and the earth's environment in space. While teaching the concepts and principles essential to an understanding of the dynamics and history of the earth, the following topics may be explored: oceanography, geology, astronomy, meteorology, and geography.	9-12						
1702	Geology - Student Grades 9 - 12 - Course provides an in depth study of the forces that formed and continue to affect the earth's surface. Earthquakes, volcanoes, and erosion are examples of topics that are presented.	9-12						

1703	Physical Science - Student Grades 5 - 12 - Course involves the study of the structures and states of matter. Typically (but not always) an introductory survey course, topics covered may include forms of energy, wave phenomenon, electromagnetism, and physical and chemical interactions.					
1704	IB Physical Science - Grades 9 - 12 - Course prepares students to take the International Baccalaureate Physical Science exams at either the Subsidiary or Higher level. These courses integrate the study of physics and chemistry, showing how the physical and chemical properties of materials can be explained and predicted in terms of atomic, molecular, and crystal structures and forces. In keeping with the general aim of IB Experimental Science courses, IB Physical Science promotes critical analysis, prediction, and application of scientific information and hypotheses; improved ability to communicate scientific ideas; and an awareness of the impact of science and scientific advances upon society and upon issues of ethical, philosophical and political importance. Students are required to develop and pursue an individual, experimental project, which is evaluated as part of the IB exam.		1B			
1705	Integrated (General) Science - Student Grades 5 - 8 - Course introduces students to topics from earth and space science, life science, and physical science, when possible in an integrated manner. The materials may be organized around thematic units that use inquiry and help put the topics into familiar contexts.					
1706	Earth and Space Science -Student Grades 5 - 8 - Course, using inquiry, introduces students to properties of earth science and basic concepts of cosmology. Topics presented may include basic ideas in meteorology, oceanography, geology, astronomy, and geography.					

1707	Life Science - Student Grades 5 - 8 - Course introduces students to basic ideas in biology, using hands-on and inquiry-based approaches. Topic presented may include the characteristics that are the basis for classifying organisms, the synergy among organisms and the environments of organisms, and health.	5-8					
1708	Physical Science - Student Grades 5 - 8 - Course introduces students to basic ideas in chemistry and physics, using hands-on and inquiry-based approaches. Topics presented may include properties of matter, fields, forces, and motion; and energy and energy transformations.						
1709	Elementary Exploratory Science - Student Grades K - 6 - Course exposes students to the scientific method and research while learning about science with hands on activities and concrete information. The cycle of exploration goes through a three-year cycle before starting again. Topics covered include, but are not limited to, earth, space, physical, and life sciences.	K-6					
1710	Elementary Science Intervention (Elementary setting)	K-6	Elementary				

1710	Elementary Science Intervention (Elementary Setting) – Grades K-8 - Use this course code to report students who are pulled out of their normal elementary homeroom class for science intervention. The intent of this course code is to the student's classroom subject areas to teachers for evaluations. Because this course is defined strictly for elementary classroom use, a person with a 200/208 K-8 Elementary Teaching License will be considered Highly Qualified without needing an endorsement equivalent in Science.					
1711	Biology First Year - Student Grades 9 - 12- Course is designed to provide information regarding the fundamental concepts of life and life processes. Topics covered include (but are not restricted to) cell structure and function, general plant and animal physiology, general ataxonomy. NM 9-12 Science Standards. Strand I: Standard I (Benchmarks I, II, III). Strand II: Standard I (Benchmark I), Standard I (Benchmark I), Standard I (Benchmark I)					
1712	Biology-Advanced Studies - Student Grades 9 - 12 - Usually taken after Biology-First Year courses, Biology-Advanced Studies courses cover biological systems in more detail. Topics that may be explored include cell organization, function, and reproduction; energy transformation; human anatomy and physiology; and organisms' evolution and adaptation. These concepts are often studied on a college level.					
1713	Anatomy and Physiology - Student Grades 9 - 12 - Usually taken after Biology-First Year courses, Anatomy and Physiology courses present the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and so on), and may dissect mammals.					

1714	Biology-Specific Topics - Student Grades 9 - 12 - Course is typically offered (but not restricted) to students who have mastered the concepts covered in Biology-First Year courses. These courses examine biological systems in more detail, concentrating on a particular subtopic (such as botany, zoology, microbiology, genetics, and so on). These concepts are often studied on a college level.					
1715	AP Biology - Student Grades 9 - 12 - Typically taken after a year of high school biology and chemistry and designed to parallel college level introductory biology courses, AP Biology courses stress basic facts and their synthesis into major biological concepts and themes. Three general areas are covered: molecules and cells (including biological chemistry and energy transformation); genetics and evolution; and organisms and populations (i.e., taxonomy, plants, animals, and ecology). AP Biology courses include college level laboratory experiments. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		АР			
1716	IB Biology - Student Grades 9 - 12 - Course prepares students to take the International Baccalaureate Biology exams at either the Subsidiary or Higher level. In keeping with the general aim of IB Experimental Sciences courses, IB Biology promotes understanding of the facts, principles, and concepts underlying the biological field. This may include: critical nanlysis, evaluation, and generation of scientific information and hypotheses; improved ability to communicate scientific ideas; and an awareness of the impact of biology and scientific advances in biology upon society and upon issues of ethical, philosophical and political importance. IB course content varies, but includes study of living organisms from the cellular level through functioning entities within the biosphere. Laboratory experimentation is an essential component of this course.		IB.			
1717	Elementary Science (Elementary setting)	9-12 K-6	Elementary			

1717	Elementary Science (Elementary Setting) – Grades K-8 - This course covers applicable content in the New Mexico Science Content Standards. All levels place an emphasis on scientific thinking, data collection and analysis, and applicability.	K-8				
1718	Forensic Science – Student Grades 9 - 12 - Course will present the unifying principals of forensic science, discuss the foundation of forensic science in basic science and mathematics, and introduce the technique of integrating these areas in the determination of the cause of death. The philosophical, rational and practical framework that supports a forensic investigation will be presented via an integrated curriculum. Students will study forensic anthropology, biochemistry, chemistry, botany, entomology and physics as well as problem solving techniques utilized in analyzing a crime scene. Other topics include ballistics, autospies, and mass disasters, epidemiology of environmental disaster, biological weapons as well as toxicology, microbiology, and pathology.					
1721	Chemistry-First Year - Student Grades 9 - 12-Course involves the composition, properties, and reactions of substances. The behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure are typical concepts explored in Chemistry First Year courses. Chemical formulas and equations and nuclear reactions are also studied. MM 9-12 Science Standards. Strand I: Standard I (Benchmarks I, III, III). Strand III: Standard I (Benchmarks I, III, III).	9-12				
1722	Chemistry in the Community - Student Grades 9 - 12 - Course developed by the American Chemical Society, Chemistry in the Community is an interdisciplinary chemistry course designed for students who desire an understanding of chemical concepts and applications but who do not plan to pursue science based careers.					

177	723	Chemistry-Advanced Studies - Student Grades 9 - 12 - Usually taken after Chemistry-First Year courses, Chemistry-Advanced Studies courses cover chemical properties and interactions in more detail. Often offered as a college level course, advanced chemistry topics include organic chemistry, thermodynamics, electrochemistry, macromolecules, kinetic theory, and nuclear chemistry.					
177	724	Chemistry-Specific Topics - Grades 9 - 12 - Course is typically offered (but not restricted) to students who have mastered the concepts presented in Chemistry First Year courses. These courses cover chemical principles and reactions in more detail, concentrating on a particular subtopic such as organic chemistry, chromatography and spectrometry, physical chemistry, and so on. These concepts are often studied on a college level.					
177	725	AP Chemistry - Grades 9 - 12 - Course designed to parallel college level general chemistry courses; AP Chemistry courses usually follow high school chemistry and second year algebra. AP Chemistry courses require more time, effort, and formulation from students than regular secondary chemistry courses. Topics may include atomic theory and structure; chemical bonding; nuclear chemistry; states of matter; and reactions (stoichiometry, equilibrium, kinetics, and thermodynamics). AP Chemistry laboratories are equivalent to those of typical college courses. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		AP			
177	726	IB Chemistry - Grades 9 - 12 - Course prepares students to take the International Baccalaureate Chemistry exams at either the Subsidiary or Higher level. In keeping with the general aim of IB Experimental Sciences courses, IB Chemistry promotes understanding of the facts, patterns, and principles underlying the field of chemistry; critical analysis, evaluation, prediction, and generation of scientific information and hypotheses; improved ability to communicate scientific ideas; and an awareness of the impact of chemistry and scientific advances in chemistry upon society and upon issues of ethical, philosophical and political importance. Course content varies, but includes the study of the materials of the environment, their properties, and their interaction. Laboratory experimentation is essential.		IB IIB			

1731	Physics-First Year - Grades 9 - 12 - Course involves the study of the forces and laws of nature affecting matter: equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, magnetic, and electric phenomenon.						
1732	Principles of Technology - Grades 9 - 12 - Course designed by CORD and AIT, focus on the study of the forces and laws of nature and their application to modern technology. Equilibrium, motion, momentum, energy conversion, electromagnetism, and optical phenomenon are presented in the context of current, real world applications. Demonstrations, math labs, and applied laboratory experiments are an integral part of the Principles of Technology curriculum. These courses enable students to gain a solid foundation for careers in electronics, robotics, telecommunications, and other technological fields.			Science Technology Engineering and Math	Architecture and Construction	Manufacturing	
1733	Physics-Advanced Studies - Grades 9 - 12 - Course usually taken after Physics-First Year courses, Physics-Advanced Studies courses provide instruction in laws of conservation, thermodynamics, and kinetics; wave and particle phenomena; electromagnetic fields; and fluid dynamics. Physics-Advanced Studies courses are usually offered as a college level study of the field of physics.						
1734	Physics-Specific Topics - Grades 9 - 12 - Course is typically offered (but not restricted) to students who have mastered the concepts covered in Physics First Year courses. These courses present the principles of matter and energy in more detail, concentrating on a particular subtopic such as optics, thermodynamics, quantum physics, and so on. These concepts are often studied on a college level.						

1	735	AP Physics B - Grades 9 - 12 - DELETED	9-12	Deleted				
1	736	AP Physics (Mechanics) - Grades 9 - 12 - Course is designed to parallel college-level physics courses that serve as a parall foundation for science or engineering majors. AP Physics C Mechanics primarily focuses on mechanics. AP Physics C Mechanics is more intensive and analytic than AP Physics B and requires the use of calculus to solve the problems posed. Equal emphasis is on AP Physics C Electricity and Magnetism. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.			ΑΡ			
1		IB Physics - Grades 9 - 12 - Course prepares students to take the International Baccalaureate Physics exams at either the Subsidiary or Higher level. In keeping with the general aim of IB Experimental Sciences courses, IB Physics promotes an understanding of the facts, patterns, and principles underlying the field of physics. These include; critical analysis, prediction, and application of scientific information and hypotheses; improved alignments of the impact of physics and scientific advances in physics upon society and upon issues of ethical, philosophical and political importance. Course content varies, but includes the study of the fundamental laws of nature and the interaction between concepts of matter, fields, waves, and energy. Laboratory experimentation is essential, while calculus is optional in this course.			IB.			
1	738	AP Physics C Electricity and Magnetism - Grades 9 - 12 - Course is designed to parallel college-level courses that serve as a partial foundation for science or engineering majors. AP Physics C Electricity and Magnetism primarily focuses on electricity and magnetism. AP Physics C Electricity and Magnetism is more intensive and analytic than AP Physics B and requires the use of calculus to solve the problems posed. Equal emphasis is on AP Physics B Mechanics. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.			AP.			

11	739	AP Physics 1 – Grades 9-12 - Course is designed to be equivalent to the first semester of an introductory college-level algebra-based physics course. Course content includes the following areas: kinematics, motion, energy, sound waves and electrostatics. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		АР	Science, Technology, Engineering and Math			
11	740	AP Physics 2 – Grades 9-12 - Explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory. PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		ΑΡ	Science, Technology, Engineering and Math			
11	741	Integrated Science - Grades K - 12 - The specific content of Integrated Science courses varies, but emanates from suggestions made by the American Association for the Advancement of Science (AAAS) and the National Association for the Advancement of Science. Typically a multi-year program of study, Integrated Science ocurses draw from the principles of several scientific specialties-earth science, physical science, biology, chemistry, and physics-and organize the material around thematic units. Common themes include systems, models, energy, patterns, change, and constancy. Appropriate aspects from each specialty are used to investigate applications of the theme.		CK.	The state of the s			
11	742	Unified Science - Grades K - 12 - Course combines more than one branch of science into a cohesive study, or may integrate science with another discipline. General scientific concepts are explored, as are the principles underlying the scientific method and the techniques of experimentation.						

1743	Applied Biology/Chemistry-CORD - Grades 9 - 12 - Course integrates biology and chemistry into a unified domain for study, and presents the resulting body of knowledge in the context of work, home, society and the environment, emphasizing field and laborty activities. Topics include natural resources, water, air and other gases, nutrition, disease and wellness, plant growth and reproduction, life processes, microorganisms, synthetic materials, waste and waste management, and the community of life.					
1751	Environmental Science - Grades 9 - 12 - Course examines the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, the following subjects may be covered: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources.					
1752	AP Environmental Science - Grades 9 - 12 - Course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-madu to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		ΑΡ			
1761	Astronomy - Grades 5 - 12 - Course offers the opportunity to study the solar system, stars, galaxies, and interstellar bodies; astronomic instruments are usually introduced and used in the course of this study. Theories regarding the origin and evolution of the universe, space, and time might also be explored.		***			

177	71	Marine Science - Grades 9 - 12 - Course focuses on the ocean's content, features, and possibilities. Marine organisms, conditions, and ecology are explored; marine mining, farming, and exploration may be studied.	9-12				
177		Marine Biology – Grades 10-12 - This course focuses on the study, conservation, interactions, aquatic ecosystems. The introduction to wildlife science provides a broad understanding of animal biology, populations, habitats, biodiversity, and human-wildlife interactions. There is a laboratory component to this course. Prerequisite: Introductory Biology. May 9-12 Science Standards: Strand I, Standard (Benchmark, I, IIII). Strand Strandard: Strand II (Benchmark, I). Strand III, Standard I (Benchmark, I).					
177		Watershed Ecology – Grades 9-12 - This course studies patterns and processes of stream and wetland ecology. The laboratory component includes analyses of physical properties, chemical tests, macroinvertebrate samples, and riparian data. A thorough study of macro-and micro-habitats provides a framework for biological, chemical, physical, and mathematical investigations. This course focuses on the impact of humans on watersheds and aquatic systems. Prerequisite: Introductory Biology MM 9-12 Science Standards. Strand I: Standard (Benchmarks I, II, III). Standard III (Benchmarks I, III), Standard III (Benchmark II). Strand III: Standard III (Benchmark II).					
177	74	Wildlife Science – Grades 10-12 - This course focuses on the study, conservation, interactions, and use of terrestrial and aquatic ecosystems. The introduction to wildlife science provides a broad understanding of animal biology, populations, habitats, biodiversity, and human-wildlife interactions. There is a laboratory component to this course. Prerequisite: Introductory Biology NM 9-12 Science Standards: Strand I, Standard I (Benchmarks I, III, III), Strand III (Benchmark II). Strand III, Standard I (Benchmark II)					

1781	Science Technology/Engineering - Elective Only - Does NOT count for High School Graduation Credit - Student Grades 5 - 12 - Course offers the opportunity to approach practical, technological problems and to use scientific, experimental skills and processes to reach solutions. Students may use a theoretical framework, or may develop prototypes and working models.	5-12		Architecture and Construction	Science Technology Engineering and Math		
1782	Origins of Science – Elective Only – Does NOT count for High School Graduation Credit - Student Grades 5 - 12 · Course explores the body of scientific knowledge and discoveries from an historical perspective, wherein students gain an understanding of how one discovery led to others or to entire revolutions of thought. Original experiments may be replicated, and primary materials may be studied.						
1783	Scientific Technology – Grades 10-12 - This is a project based course using emergent technologies to give students hands on experience exploring scientific theories and processes. Utilizing microscopy, robotics, supercomputing, and 3D modeling, students will create an independent research project to address real life problems. Students will present their projects at a science fair and compete in robotics and/or supercomputing competitions. NM 9-12 Science Standards. Strand I: Standard I (Benchmarks II, III). Strand II: Standard I (Benchmarks II, III), Strand III (Benchmarks II, III), Standard II (Benchmarks II, III).	10-12					
1792	Emergency Medical Technician (Applied Science) - Grades 9 - 12 – The curriculum must align to the New Mexico Science Standards with Benchmarks. This course is similar to 1517 Emergency Medical Technician (Career/Technical) which is listed under the Health Care Sciences section and places a special emphasis on the knowledge and skills needed in medical emergency situations. Topics may include the biological processes underlying disease and illness as well as the medical applications of physical science principals related to forces and motion. This course may be used to satisfy both a science and career/technical credit requirement at the same time, but if taken for both requirements it does not reduce the total number of units required for graduation.			Health Science			

1793	Life and Physical Sciences Laboratory Assistant – Elective Only – Does NOT count for High School Graduation Credit - Student Grades 9 - 12 - Course offers interested students the opportunity to assist in the preparation and organization of laboratory materials. Safety techniques and the care of equipment are emphasized.	9-12	Agriculture, Food and Natural Resources	Science Technology Engineering and Math	Health Science		
1794	Science Laboratory Assistant – Elective Only – Does NOT count for High School Graduation Credit - Student Grades 9 - 12 - Course is designed for the student interested in lab work. Students will learn to prepare solutions, set up lab investigations and assist the teacher in the laboratory. Student must be aware of all safety measures.	9-12	Science, Technology, Engineering and Math	Agriculture, Food and Natural Resources	Health Science		
1796	Life and Physical Sciences-Independent Study – Elective Only – Does NOT count for High School Graduation Credit - Student Grades 9 - 12 - Course, often conducted with instructors as mentors, enable students to explore scientific topics of interest, using advanced methods of scientific inquiry and experimentation. These courses may be offered in conjunction with other rigorous science courses, or may serve as an opportunity to explore a topic of special interest.						
1799	Life and Physical Sciences – Elective Only – Does NOT count for High School Graduation Credit -Student Grades 5 - 12 - Other. Typically used with advanced dual credit topics.	5-12					

1801	Basic Management Concepts - Recommended for Students Grades 7 - 9 - A basic introductory course which will teach concepts of entry-level marketing and entry level word skills. Course orients students to marketing education/DECA. Appropriate for students with possible interest in marketing, sales, or small business operation. This course exposs students to cashier/checker operations, opportunities available in retail, wholesale advertising, and other occupational fields using marketing principles.					
1802	Principles of Marketing - Fundamentals - Recommended for Students Grades 9 - 12 Course focuses on the wide range of factors that influence the flow of goods and services from the producer to the consumer. This course is usually offered as a series. Marketing Fundamentals courses include a variety of topics related to providing goods and services such as market research, the purchasing process, distribution systems, warehouse an inventory control, salesmanship, sales promotions, shoplitting and thet control, business management entrepreneurship and pricing and packaging. Human relations, employability skills, computers, math skills, and economics are also covered. Job and career exploration to include work site experiences are an integral emphasis of Marketing - Fundamentals.		Marketing Sales and Service			
1803	Marketing-Fashion - Recommended for Students Grades 11 - 12 - Course covers the same scope of topics as Marketing-General courses (purchasing and distribution systems advertising, display and sales; management and enterpeneurship, and so on), but do so with particular attention to the fashion industry. In keeping with the focus on the fashion industry course topics may also include fashion cycles, fashion history, design, and the developmen of fashion style and coordination.		Marketing Sales and Service Business Management and Administration	Arts Audio-Video Technology and Communications		
1804	Marketing-Real Estate - Recommended for Students Grades 11 - 12 - Course covers the same scope of topics as Marketing-General courses (purchasing, advertising, sales; humar relations, management and entrepreneurship, and so on), but do so with particular attention to the real estate industry. In keeping with the focus on real estate, course topics may also include financing, investment, ownership rights, ethics, and other real estate principles Students successfully completing some courses may be eligible to take the state real estate licensing exam.		Marketing Sales and Service Business Management and Administration			

1805	Marketing-Transportation - Recommended for Students Grades 11 - 12 - Course covers the same scope of topics as Marketing-General courses (purchasing and distribution systems; advertising, display and sales; management and entrepreneurship, and so on), but do so with particular attention to the transportation industry. In keeping with the focus on this industry, course topics may also include identification and proper use of auto parts and accessories.		Marketing Sales and Service	Business Management and Administration	Transportation Distribution & Logistics		
1806	Marketing - Other Specialization - Recommended for Students Grades 10 - 12 - Course covers the same scope of topics as Principals of Marketing courses (purchasing and distribution systems; advertising, display and sales; management and entrepreneurship, and so on), but do so with attention to a particular industry not specified above. The course may also cover specific topics related to the particular industry being covered.		Marketing Sales and Service				
1807	Marketing Lab II – Grades 11-12 – In Marketing Lab II the student has the opportunity to demonstrate employability skills in a hands-on school-based enterprise (SBE) environment. The student practices supervising peers in a controlled learning situation. Areas of study are financial measures, facilities and equipment management, marketing functions, and career readiness.		Marketing Sales and Service				
1808	Marketing Lab III – Grade 12: Marketing Lab III is the capstone course for marketing lab students. The student schedules and manages peers in a controlled learning environment and applies managerial principles in daily retail activities. Areas of study are financial measures, facilities and equipment management, marketing functions, and career readiness.		Marketing Sales and Service				

1813	Warehouse Operations - Recommended for Students Grades 11 - 12 - Course presents marketing principles and concepts related to the receipt, storage, and distribution of goods. Course topics typically include inventory control, warehouse security, purchasing and distribution systems, and safety. Warehouse Operations courses may also include other marketing principles and concepts.	11-12	Government and Public Administration	Business Management and Administration	Transportation Distribution & Logistics	Manufacturing	Agriculture, Food and Natural Resources	
1814	Retail Marketing - Recommended for Students Grades 11 - 12 - Course covers marketing principles and concepts related to the provision of goods or services directly to the consumer, emphasizing store operation, advertisement and display of goods, store security, human relations, and business management and ownership.		Marketing Sales and Service	Hospitality and Tourism	Law Public Safety & Security	Business Management and Administration		
1824	Principles of Advertising - Recommended for Students Grades 10 - 12 - Course expose students to the varied concepts underlying the promotion of products. The topics included in Principles of Advertising courses range considerably, but may include the psychology of advertising, a study of various media, advertising planning and budgeting, and advertising layout and design principles. The course topics may also include an overview of commercial art and packaging.		Marketing Sales and Service	Business Management and Administration	Hospitality and Tourism			
1825	Principles of Selling - Recommended for Students Grades 10 - 12 - Course provides students with the knowledge and opportunity to develop in depth sales competencies. Types of selling, steps in a sale, sales strategies, and skills and techniques in the area of sales may all be topics of these courses.		Marketing Sales and Service	Business Management and Administration	Hospitality and Tourism			

1826	Marketing Management - Recommended for Students Grades 11 - 12 - Course covers the same scope of topics as Principals of Marketing courses (purchasing and distributions systems; advertising and sales; and so on) but place a particular emphasis on business management and entrepreneurship, providing exposure to common techniques and problems of management.		Marketing Sales and Service	Business Management and Administration	Hospitality and Tourism		
1830	Principals of Marketing - Advanced - Recommended for Students Grades 10 - 12 - This course expands on, and builds on the concepts of the Principles of Marketing - Fundamentals class. Marketing Advanced is an in-depth course for the career-minded student with emphasis in the following areas: marketing and business fundamentals, business management, information management, human relations, product/service planning, finance, distribution, purchasing, pricing, promotion and selling. Job and career exploration to include work site experiences are an integral emphasis of Marketing Advanced.		Marketing Sales and Service	Business Management and Administration	Hospitality and Tourism		
1832	Marketing Strategy - Recommended for Students Grades 11 - 12 - This course is designed as a capstone course for juniors and seniors to couple the marketing and economic skills students have mastered with the latest technology in marketing sales, mass media, research, and customer service presentation techniques. Emphasis is placed on creating a professional, polished approach to marketing products and services. Skills in technical writing, communications, mathematics, and application of current computer software are reinforced in this course. Work-based learning, internships and apprenticeships may be an integral part of this course.	11-12	Marketing Sales and Service	Business Management and Administration	Hospitality and Tourism		
1834	Marketing Research - Recommended for Students Grades 11 - 12 - A business and marketing research class which engages students in research techniques and application to business problems. Students will be expected to identify a problem, research it, compile information and results, analyze the information, synthesize a solution from the information, present the findings and suggestions to an appropriate audience, and evaluate their process. As student presentation of the project in both a written product and a classroom and/or competitive presentation are integral to the course.		Marketing Sales and Service	Business Management and Administration	Hospitality and Tourism		

Business Communications - Recommended for Students Grades 9 - 12 - Course emphasizes written reports, proposals, memos and business letters, Principles of effective business writing, business letter and solution of business problems by letter, letter of application, development of effective expression, related business forms and business reports are covered. Additional communication skills are addressed - nonverbal communication, cultural differences in non-verbal communication, listening, and oral communication.	9-12		Hospitality and Tourism	Finance	Business Management and Administration	Marketing Sales and Service	Government and Public Administration		
Marketing-Independent Study Recommended for Students Grades 11 - 12 - Course, often conducted with instructors as mentors, enable students to explore marketing related topics of interest in greater depth and detail. Independent Study courses may serve as an opportunity to expand expertise in a particular industry application, to explore a topic of special interest within a related industry, or to develop greater marketing skills.			Business Management and Administration	Marketing Sales and Service	Hospitality and Tourism				
Marketing - Mentorship and Internship Recommended for Students Grades 11 - 12 - Course work experience is gained in marketing-related careers in one of several industries. This course may include work-study, internships, school-based enterprises, service learning, mentor programs, or job shadowing experiences. Standards are set for the experience period and related classroom experience will align with occupational training in the field. Improvement of employability skills and discussion regarding the experiences and problems encountered on the job will also be included in classroom activity.			Business Management and Administration	Marketing Sales and Service	Hospitality and Tourism				
Marketing Work Experience (Co-op) - Recommended for Students Grades 11 - 12 - This course provides opportunities for students enrolled previously or concurrently in a marketing class to gain "real world" attitudes, skills, and knowledge. This experience would allow students school release time for completion of cooperative work experiences. The student, teacher, and employer will set goals cooperatively: classroom attendance related to classroom training experience and related coursework are integral part of the marketing work-based experience. Work-based competencies are to be developed and met in order for the student to receive credit.			Business Management and Administration	Marketing Sales and Service	Hospitality and Tourism				
	emphasizes written reports, proposals, memos and business letters, Principles of effective business writing, business letter and solution of business problems by letter, letter of application, development of effective expression, related business forms and business reports are covered. Additional communication skills are addressed - nonverbal communication, cultural differences in non-verbal communication, listening, and oral communication. Marketing-Independent Study Recommended for Students Grades 11 - 12 - Course, often conducted with instructors as mentors, enable students to explore marketing related topics of interest in greater depth and detail. Independent Study courses may serve as an opportunity to expand expertise in a particular industry application, to explore a topic of special interest within a related industry, or to develop greater marketing skills. Marketing - Mentorship and Internship Recommended for Students Grades 11 - 12 - This course may include work-study, internships, school-based enterprises, service learning, mentor programs, or job shadowing experiences. Standards are set for the experience period and related classroom experience will align with occupational training in the field. Improvement of employability skills and discussion regarding the experiences and problems encountered on the job will also be included in classroom activity. Marketing Work Experience (Co-op) - Recommended for Students Grades 11 - 12 - This course provides opportunities for students enrolled previously or concurrently in a marketing encountered on the job will also be included in classroom activity.	emphasizes written reports, proposals, memos and business letters, Principles of effective business writing, business letter and solution of business problems by letter, letter of application, development of effective expression, related business forms and business reports are covered. Additional communication skills are addressed - nonverbal communication, cultural differences in non-verbal communication, listening, and oral communication. 9-12 Marketing-Independent Study Recommended for Students Grades 11 - 12 - Course, often conducted with instructors as mentors, enable students to explore marketing related topics of interest in greater depth and detail. Independent Study courses may serve as an opportunity to expand expertise in a particular insulary application, to explore a topic of special interest within a related industry, or to develop greater marketing skills. Marketing - Mentorship and Internship Recommended for Students Grades 11 - 12 - Course work experience is gained in marketing-related careers in one of several industries. This course may include work-study, internships, school-based enterprises, service learning, mentor programs, or job shadowing experiences. Standards are set for the experience period and related classroom experience will align with occupational training in the field. Improvement of employability skills and discussion regarding the experiences and problems encountered on the job will also be included in classroom activity. Marketing Work Experience (Co-op) - Recommended for Students Grades 11 - 12 - This course provides opportunities for students enrolled previously or concurrently in a marketing class to gain "real world" attitudes, skills, and knowledge. This experience would allow students school release time for completion of cooperative work experiences. The student, teacher, and employer will set goals cooperatively: classroom attendance related to classroom training experience and related coursework are integral part of the marketing work-based experience.	emphasizes written reports, proposals, menos and business lettors, phropies of effective business witting business better adoltion of business problems by letter, letter of application, development of effective expression, related business from and business reports are covered. Adoltical commissional solids are addressed - remetable communication, cultural differences in non-verbal communication, listening, and oral communication. Marketing-independent Study Recommended for Students Grades 11 - 12 - Course, often conducted with instructors as mentors, enable students to explore marketing related topics of interest in general eight and edital. Independent Study courses may serve as an opportunity to expand expertise in a particular industry application, to explore a topic of special interest within a related industry, or to develop greater marketing stiffs. Marketing - Mentorship and Internship Recommended for Students Grades 11 - 12 - Course, often conducted with instructors are particular industry application, to explore a topic of special interest within a related industry, or to develop greater marketing stiffs. Marketing - Mentorship and Internship Recommended for Students Grades 11 - 12 - Topic of special interest within a related industry, or to develop greater marketing stiffs. Marketing - Mentorship and internship Recommended for Students Grades 11 - 12 - Topic of special interest within a related industry, or to develop greater marketing stiffs and related classroom experience will align with occupational training in the field improvement of engloyability skills and discussion regarding the experiences and problems encountered on the job will also be included in classroom activity. Marketing Work Experience (Co-op) - Recommended for Students Grades 11 - 12 - This course provides apparentices. Students school courselves are interestingly and the marketing work-based experiences.	emphasizes written reports, proposals, memos and business letters, Principles of effective business written, post-universal letters, Principles of effective business written, post-universal content and the post-univer	emphasize written reports, proposals, memos and business letters, Principles of effective florings writing. Database street of the properties of the propert	Marketing - Mentorship and Internating - Recommended for Students Grades 11 - 12 - Course, of the cockside within a research industry, or to diversion between the students of the cockside within a research industry, or to diversion to students of the cockside within an area of industry, or to diversion to students of the cockside within an area of industry, or to diversion to students of the cockside within an area of industry, or to diversion to students of the cockside within a research industry, or to diversion to september within a research industry, or to diversion to september within a research industry, or to diversion to september within a research industry, or to diversion to september within a research industry, or to diversion to september within a research industry, or to diversion to september within a research industry, or to diversion to september within a research industry, or to diversion to september within a research industry, or to diversion to september within a research industry, or to diversion to september within a research industry, or to diversion to september within a research industry, or to diversion to september within a research industry, or to diversion to september within a research industry, or to diversion to september within a research industry, and to disturb distance on september with a plan with congestional to september within a research industry, increasing, or the congestion with research to september within a research industry with facility with congestional training in the first industry of the september within a research industry, with facility with congestional training in the first industry. 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1899	Marketing - Recommended for Students Grades 10 - 12 - Other. Typically used with advanced dual credit topics.	10-12	Marketing Sales and Service					
1902	Journalism - Recommended for Students Grades 9 - 12 - Course associated with the production of a school newspaper, yearbook, or literary magazine; therefore, they not only emphasize writing style and technique, but also production values and organization. Beginning journalism courses introduce students to the concepts of newsworthiness and press responsibility; develop students' skills in writing and editing stories, headlines, and captions; and teach students the basics of production design, layout, and printing of a publication. Advanced students learn and practice more refined journalistic techniques, participate to a greater extent in the formation and/or management of the production team, and gain experience in critical evaluation of story content and the publication as a whole. Photography and photojournalism skills may be included.		Marketing Sales and Service	Arts Audio-Video Technology and Communications	Hospitality and Tourism			
1903	Yearbook - Recommended for Students Grades 9 - 12 - Course is responsible for creating, designing, marketing, producing and selling the school yearbook. Techniques in modular layout design, interviewing, writing copy and headlines, editing, adversings asles and design marketing, and business procedures are stressed. All students will be expected to complete assignments on the computer. Meeting regular deadlines and peer cooperation are emphasized in producing the yearbook.		Business Management and Administration	Marketing Sales and Service	Hospitality and Tourism	Arts Audio-Video Technology and Communications		
1904	Editor - Recommended for Students Grades 11 - 12 - Student will direct, lead, produce and edit a section of the yearbook or the newspaper along with a staff of other students.		Arts, Audio-Video Technology and Communications					

1905	Newspaper/Journalism Writing - Recommended for Students Grades 9 - 12 - Course introduces news, sports, feature and editorial writing in addition to advertising, headline writing, new editing and photography. Journalism provides a common core of skills in listening, speaking, reading and writing and technology in journalism and the new media. Emphasis is given to the study of law of the press, journalistic responsibility and concepts in layout and design, using computers, including researching and web page development on the Internet. Students also staff the school published newspaper and/or online publication.		Arts, Audio-Video Technology and Communications	Marketing Sales and Service			
1911	Mass Media-Production - Recommended for Students Grades 9 - 12 - Course provides the technical knowledge and skills necessary for television, video, film, and/or radio production. Writing scripts, camera operation, use of graphics and other visuals, lighting, audio techniques, editing, production principles, and career opportunities are typical topics covered within Mass Media-Production courses. Students are usually required to produce their own program or segment. Additional topics such as broadcast industry regulations, radio/TV operation, power of the medium, photography, transmission technology, and so on may be included.		Arts, Audio-Video Technology and Communications	Marketing Sales and Service			
1921	Mass Media-Communication - Recommended for Students Grades 9 - 12 - Course enables students to understand and critically evaluate the role of media in society. Course content typically includes investigation of visual images, printed material, and audio segments as tools of information, entertainment, and propaganda; improvement of presentation and evaluative skills in relation to mass media; recognition of various techniques for delivery of a particular message; and, in some cases, creation of a media product. The course may concentrate on a particular medium.		Hospitality and Tourism	Information Technology	Arts Audio-Video Technology and Communications		
1931	Photojournalism - Recommended for Students Grades 9 - 12 - Course exposes students to the manner in which photography is used to convey information and experiences. Typically coordinated with production of the school newspaper or yearbook, Photojournalism courses provide students with the opportunity to improve their photocomposition and film development skills, and to apply their art to journalistic endeavors.		Arts, Audio-Video Technology and Communications	Marketing Sales and Service			

1996	Mass Communication-Independent Study - Recommended for Students Grades 11 - 12 Course, often conducted with instructors as mentors, enables students to explore topic related to journalism and/or mass media. Emphasis may be placed either on extension of production skills and techniques, or on research of a particular topic of interest.	S	Arts, Audio-Video Technology and Communications	Marketing Sales and Service			
1998	Mass Communications - Concurrent Enrollment - Recommended for Students Grades - 12 - (Must meet current standards and benchmarks).		Arts, Audio-Video Technology and Communications	Marketing Sales and Service			
1999	Mass Communication - Recommended for Students Grades 9 - 12 - Other. Typicall used with advanced dual credit topics.	9-12	Arts, Audio-Video Technology and Communications	Marketing Sales and Service			
2005	Sixth Grade Mathematics, Intervention – Grade 6 - This class will be offered in conjunctio with a regular sixth grade math course and will offer the extra support some students maneed in order to be successful in the regular course. The teacher of this course will be guide by the Standards-based core curriculum of the regular course and will emphasize the skills concepts and processes needed by the students. An intervention program can be thought cas a cycle consisting of three phases: diagnostic assessment, instructional actions and follow up assessment.	n V d					

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2006	Seventh Grade Mathematics, Intervention —Grade 7 - This class will be offered in conjunction with a regular seventh grade math course and will offer the extra support some students may need in order to be successful in the regular course. The teacher of this course will be guided by the Standards-based core curriculum of the regular course and will emphasize the skills, concepts and processes needed by the students. An intervention program can be thought of as a cycle consisting of three phases: diagnostic assessment, instructional actions and follow-up assessment.					
2007	Eighth Grade Mathematics, Intervention -Grade 8 - This class will be offered in conjunction with a regular eighth grade math course and will offer the extra support some students may need in order to be successful in the regular course. The teacher of this course will be guided by the Standards-based core curriculum of the regular course and will emphasize the skills, concepts and processes needed by the students. An intervention program can be thought of as a cycle consisting of three phases: diagnostic assessment, instructional actions and follow-up assessment.					
2009	Algebra I, Intervention – Grades 9 - 10 -For Elective Credit Only– Cannot count as one of the four math credits required for High School Graduation. This class will be offered in conjunction with a regular Algebra I course and will offer the extra support some students may need in order to be successful in the regular course. The teacher of this course will be guided by the Standards-based core curriculum of the regular course and will emphasize the skills, concepts and processes needed by the students. An intervention program can be thought of as a cycle consisting of three phases: diagnostic assessment, instructional actions and follow-up assessment.					
2010	Geometry I, Intervention – Grades 9 - 12 - For Elective Credit Only – Cannot count as one of the four math credits required for High School Graduation. This class will be offered in conjunction with a regular Geometry course and will offer the extra support some students may need in order to be successful in the regular course. The teacher of this course will be guided by the Standards-based core curriculum of the regular course and will emphasize the skills, concepts and processes needed by the students. An intervention program can be thought of as a cycle consisting of three phases: diagnostic assessment, instructional actions and follow-up assessment.					

	2011	Resource Center Math - Grades K - 8 - Course taught in a resource center or laboratory setting where the emphasis is on individual student progress, Resource Center Math includes the study of general math topics, such as arithmetic using rational numbers, numeration systems and place value, basic geometry, and basic statistics. These courses also apply these skills to real world problems and situations. This course is intended for students who have disabilities in the area of math and it is intended to provide them the individual services needed to meet their individualized education program (IEP). Topics are determined by individual student need and grade level.						
	2017	Elementary Math Intervention (Elementary setting)	K-6	Elementary				
•	2017	Elementary Math Intervention (Elementary Setting) – (may include 6-8 for Elementary Settings) - This class will be offered in conjunction with a regular elementary math course and will offer the extra support some students may need in order to be successful in the regular course. The teacher of this course will be guided by the Standards-based core curriculum of the regular course and will emphasize the skills, concepts and processes needed by the students. An intervention program can be thought of as a cycle consisting of three phases: diagnostic assessment, instructional actions and follow-up assessment.						
	2018	Algebra II, Intervention —Grades 11-12 -For Elective Credit Only—Cannot count as one of the four math credits required for High School Graduation. This class will be offered in conjunction with a regular Algebra II course and will offer the extra support some students may need in order to be successful in the regular course. The teacher of this course will be guided by the Standards-based core curriculum of the regular course and will emphasize the skills, concepts and processes needed by the students. An intervention program can be thought of as a cycle consisting of three phases: diagnostic assessment, instructional actions and follow-up assessment.						

2019	triese skills to real world problems and situations. Inits course is intended to students who have disabilities in the area of math and it is intended to provide them the individual services needed to meet their individualized education program (IEP). Topics are determined by individual student need and grade level.		Special Education			
2020	Elementary Math (Elementary setting)	K-6	Elementary			
2020	Content Standards. All levels place an emphasis on problem solving, critical thinking, evaluation, and application of mathematical processes.	K-8				
2024	concepts. The critical areas deepen and extend understanding or inlear and exponential relationships through analyzing, solving, and using quadratic functions. The course expands and explores more complex geometric situations and geometric relationships. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.					

2025	Sixth Grade Math – Grade 6 – This course focuses on four critical areas: (1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; (2) completing the understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; (3) writing, interpreting, and using expressions and equations; and (4) developing understanding of statistical thinking. The Standards for Mathematical Practice apply throughout this course and, together with the content standards, prescribe mathematics as a coherent, useful, and logical subject that makes sense of problem situations.	6					
2026	Seventh Grade Math – Grade 7 – This courses focuses on four critical areas: (1) developing understanding of and applying proportional relationships: (2) developing understanding of operations with rational numbers and working with expressions and linear equations; (3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and (4) drawing inferences about populations based on samples. The Standards for Mathematical Practice apply throughout this course and, together with the content standards, prescribe mathematics as a coherent, useful, and logical subject that makes sense of problem situations.	7					
2027	Eighth Grade Math – Grade 8 – This course focuses on three critical areas: (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem. The Standards for Mathematical Practice apply throughout this course and, together with the content standards, prescribe mathematics as a coherent, useful, and logical subject that makes sense of problem situations.	8					
2028	Algebra I Eighth Grade – Grade 8 – Pre-requisite: 2036 Accelerated Traditional Mathematics – Grade 7 – This course aligns to high school Algebra I and some of the grade 8 Common Core Standards for Mathematics and requires a faster pace for instruction and learning. The five critical areas include: relationships between quantities and reasoning with equations; linear and exponential relationships; descriptive statistics; expressions and equations; uncurions and modeling. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. For high school credit, the teacher must hold a secondary math endorsement.	8					

20	129	Probability and Statistics – Recommended for Grades 9 - 12 – This course aligns to the Probability and Statistics standards. Students are to apply and expand their understanding of Probability and Statistics in this course. The four critical areas covered in this course include: 1. Interpreting categorical and quantitative data by: summarizing, representing, and interpreting data on a single count, measurement, two categorical or quantitative variables or linear models; 2. Making inferences and justifying conclusions by understanding and evaluating random processes underlying statistical experiments and making inferences and justifying conclusions from sample surveys, experiments and observations studies; 3. Applying conditional probability and the rules of probability by understanding independence and conditional probability and interpreting data and using the rules of probability or compute probabilities of compound events; 4. Applying probability to make decisions by calculating expected values and using them to solve problems and using probability to evaluate outcomes of decisions.		Business			
20	331	Algebra I - Grades 9 - 10 - This course aligns to the high school standards for Algebra I and formalizes and extends the mathematical concepts. The critical areas include: (1) relationships between quantities and reasoning with equations; (2) linear and exponential relationships; (3) descriptive statistics; (4) expressions and equations; and (5) quadratic functions and modeling. The Standards for Mathematical Practice apply throughout this course and, together with the content standards, prescribe mathematics as a coherent, useful, and logical subject that makes sense of problem situations.					
200	134	Geometry - Grades 9 - 12 - This course formalizes and extends geometric concepts by exploring more complex geometric situations and deepening explanations of geometric relationships, moving towards formal mathematical arguments. The six critical areas include: (1) congruence, proof, and constructions; (2) similarity, proof, and trigonometry; (3) extending to three dimensions; (4) connecting algebra and geometry through coordinates; (5) circles with and without coordinates; and (6) applications of probability. The Standards for Mathematical Practice apply throughout this course and, together with the content standards, prescribe mathematics as a coherent, useful, and logical subject that makes sense of problem situations.					
20	136	Accelerated Traditional Mathematics – Grade 7- This course is a pre-requisite for 2028 Algebra I Eighth Grade. This course aligns to grade 7 and some of grade 8 Common Core Standards for Mathematics and requires a faster pace for instruction and learning. This course is compacted to prepare students for Grade 8 Algebra I. The four critical areas are: rational numbers and exponents, proportionality and linear relationships, sampling inference, and geometric figures. The Standards for Mathematical Practice apply throughout this course and, together with the content standards, prescribe mathematics as a coherent, useful, and logical subject that makes sense of problem situations.					

2037	Accelerated Integrated Mathematics – Grade 7- This course is a pre-requisite for 2038 Mathematics I Eighth Grade. This course aligns to grade 7 and some of grade 8 Common Core Standards for mathematics and requires a faster pace for instruction and learning. This course is compacted to prepare students for Grade 8 Mathematics I. The four critical areas are: rational numbers and exponents, proportionality and linear relationships, sampling inference, and geometric figures. The Standards for Mathematical Practice apply throughout this course and, together with the content standards, prescribe mathematics as a coherent, useful, and logical subject that makes sense of problem situations.					
2038	Mathematics I Eighth Grade – Grade 8 - Pre-requisite: 2037 Accelerated Integrated Mathematics – Grade 7. This course aligns to Mathematics I and some of the grade 8. Common Core Standards for Mathematics and requires a faster pace for instruction and learning. The six critical areas include: relationships between quantities; linear and learning. The six critical areas include: relationships between quantities; linear and exponential relationships; reasoning with equations; descriptive statistics; congruence, proof and constructions; and connecting algebra and geometry through coordinates. The Standards for Mathematical Practice apply throughout this course and, together with the content standards, prescribe mathematics as a coherent, useful, and logical subject that makes sense of problem situations. For high school credit, the teacher must hold a secondary math endorsement.					
2039	Fractal Mathematics - Grades 9 - 12 - This course is higher than the level of Algebra II. This course develops computational thinking skills and utilizes mathematical tools to model fractal geometry in the environment using algebra, geometry, functions, and writing and solid particle expressions. This course includes projects where students use computational thinking skills such as pattern matching, algorithms, abstraction, and decomposition, to design and develop fractals using computer modeling.		Science, Technology, Engineering and Math			
2041	Algebra II - Grades 9 - 12 - This course extends the study of functions to include: polynomial, rational, and radical functions. The four critical areas are: (1) polynomial, rational, and radical relationships; (2) trigonometric functions; (3) modeling with functions and (4) inferences and conclusions from data. The Standards for Mathematical Practice apply throughout this course and, together with the content standards, prescribe mathematics as a coherent, useful, and logical subject that makes sense of problem situations. Alternatives to this class are - 2024 Applied Math; 2029 Probability and Statistics; and 2097 Financial Literacy – Math					

2043	Trigonometry - Grades 10 - 12 – This course is higher than the level of Algebra II. Course prepares students for eventual work in calculus and include the study the following topics: trigonometric and circular functions; their inverses and graphs; relations among the parts of a triangle; trigonometric identities and equations; solutions of right and oblique triangles; and complex numbers. Enhancement topics: vectors, graphing in the polar coordinate system, and matrix algebra.					
2044	Algebra Il/Trigonometry - Grades 10 - 12 - This course aligns to the New Mexico math standards for Algebra II and higher. Course combines topics from both of these courses for students who have attained Algebra I and Geometry objectives. Topics include field properties and theorems; set theory, operations with rational and irrational expressions; factoring of rational expressions; indepth study of linear equations; and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; properties on the first indepth study of the study o					
2045	Elementary Functions - Grades 10 - 12 – This course is higher than the level of Algebra II. Course, while preparing students for eventual work in calculus, include the study of relations and functions, including polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their inverses, graphs, and applications. Review topics: structure of the real number system. Enhancement topics: statistical and probability functions.	10-12				
2047	Math Analysis - Grades 10 - 12 - This course is higher than the level of Algebra II. Course includes the study of polynomial, logarithmic, exponential, and rational functions and their graphs; vectors; set theory. Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity. Review topics: right trignometric and circular functions and their graphs, and other trignometry topics. Enhancement topics: elementary probability and statistics, derivatives, and integrals.					

20	48	Trigonometry/Analytic Geometry - Grades 9 - 12 - This course aligns to the geometry standards and is higher than the level of Algebra II. Course covering the topics of both Trigonometry and Analytic Geometry, these courses prepare students for eventual work in calculus. Topics include the study of right trigonometric and circular functions, inverses, and graphs: trigonometric identities and equations; solutions of right and oblique triangles; complex numbers; numerical tables; vectors; the polar coordinate system; equations and graphs of conic sections; rotations and transformations; and parametric equations. Review topics: solutions of linear and quadratic equations. Enhancement topics: polynomial, logarithmic, exponential, and rational functions and their graphs; matrix algebra; and analytic geometry of solids.					
20	49	Trigonometry/Math Analysis - Grades 9 - 12 —This course is higher than the level of Algebra II. Course covering the topics of both Trigonometry and Math Analysis, these courses prepare students for eventual work in calculus. Topics include the study of right trigonometric and circular functions, inverses, and graphs; trigonometric identities and equations; solutions of right and oblique triangles; complex numbers; numerical tables; polynomial, logarithmic, exponential, and rational functions and their graphs; vectors; setheory; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity. Enhancement topics: elementary probability and statistics, derivatives, and integrals.					
20	50	Analytic Geometry/Math Analysis - Grades 9 - 12 - This course is higher than the level of Algebra II. Course covering the topics from both Analytic Geometry and Math Analysis, these courses prepare students for eventual work in calculus. Topics include the study of polynomial, logarithmic, exponential, and rational functions and their graphs; vectors, the polar coordinate system; equations and graphs of conic sections; rotations and transformations; parametric equations; set theory; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity. Review topics: solutions of linear and quadratic equations and systems of these equations, right trigonometric and circular functions and their graphs, and other trigonometry topics. Enhancement topics: analytic geometry of solids, elementary probability and statistics, derivatives, and integrals.					
20:	51	IB Mathematical Studies - Grades 9 - 12 - This course aligns to 9-12 math standards. Course prepares students to take the International Baccalaureate Mathematical Studies example at the Subsidiary or Higher level. The course is intended to provide the skills needed to cope with the mathematical demands of a technological society. Course topics include linear, quadratic, and exponential functions, solutions, and graphs; skills in computation, estimation, and development of algorithms; data analysis, including collection, calculation, and presentation of statistics; set operations and loipe; business techniques, including progressions and linear programming; and geometry and trigonometry. Enhancement topics: numerical functions, variation properties, financial mathematics, critical path analysis, model building, and multi-dimensional geometry.		IB			

2052	IB Mathematics - Grades 9 - 12 - This course aligns to 9-12 math standards. Course prepares students to take the International Baccalaureate Mathematics exams at either the Subsidiary or Higher levels. Topics include operations and properties of number sets; trigonometric functions, equations, and graphs; algebra and coordinate geometry; simultaneous linear equations; polynomial and quadratic functions and equations, calculus, including bilinear, exponential and logarithmic functions; two-dimensional vectors and matrices; and probability. Enhancement topics: analysis and numerical calculation; analytical geometry; further calculus, including integration; complex numbers; statistics; two dimensional particle dynamics.		IB			
2053	Pre-Calculus - Grades 10 - 12 — This course is higher than the level of Algebra II. Course combines the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics include the study of complex numbers: polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of this and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra: sequences and series; and initial and continuity. Review topics: structure of the real number system; solutions of linear and quadratic equations and systems of these equations. Enhancement topics: elementary probability and statistics, derivatives, and integrals.					
2054	Discrete Mathematics - Grades 9 - 12 — This course is higher than the level of Algebra II. Course designed for students who have attained Algebra II objectives, Discrete Mathematics topics include the study of polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions and relations and their graphs; set theory; symbolic logic; Boolean algebra; combinatorics; recursion; basic algebraic structures; and graph theory.					
2055	Calculus - Grades 11 - 12 - This course is higher than the level of Algebra II. Course intended for students who have attained pre-calculus objectives, including some combination of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis, or Pre-Calculus. They include the study of derivatives, anti-derivatives, differentiation, integration, the definite and indefinite integral, and applications of calculus. Review topics: properties of elementary functions and their graphs, vectors and polar coordinates, and concepts of this and continuity. Enhancement topics: improper integral; multiple integration; sequences and series, including convergence tests and series expansion theorems; anti-differentiation; and differential equations.					

205	6	Multivariate Calculus - Grades 11 - 12 - This course is higher than the level of Algebra II. Course includes the study of hyperbolic functions, improper integrals, directional directives, and multiple integration and its applications. Enhancement topics: differential forms and vector calculus.	11-12				
205	7	Differential Equations - Grades 11 - 12 - This course is higher than the level of Algebra II. Course includes the study of elementary differential equations including first and higher order differential equations, partial differential equations, linear equations, systems of linear equations, surasformations, series solutions, numerical methods, boundary value problems, and existence theorems.					
205	8	AP Calculus AB - Grades 11 - 12 - This course is higher than the level of Algebra II. AP Calculus AB provides students with an intuitive understanding of the concepts of calculus and experience with its methods and applications. These courses introduce calculus and include the following topics: elementary functions; properties of functions and their graphs; limits and continuity; differential calculus (including definition of the derivative, derivative formulas, theorems about derivatives, geometric applications, optimization problems, and rate of change problems); and integral calculus (including anti-derivatives and the definite integral). This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		ΑΡ			
205	9	AP Calculus BC - Grades 11 - 12 - This course is higher than the level of Algebra II. Course provides students with an intuitive understanding of the concepts of calculus and experience with its methods and applications, and also requires additional knowledge of the theoretical tools of calculus. These courses assume a thorough knowledge of elementary functions, and cover all of the calculus topics in AP Calculus AB as well as the following topics: vector functions, parametric equations, and polar coordinates; rigorous definitions of finite and nonexistent limits; derivatives of vector functions and parametrically defined functions; advanced techniques of integration and advanced applications of the definite integral; and sequences and series. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		АР			

Statistics introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data (observing patterns and departures from patterns), planning a study (deciding what and how to measure), anticipating patterns (producing models using probability theory and simulation), and statistical inference (confirming models). This course is intended to			АР	Business Management and Administration					
take the International Baccalaureate Mathematics and Computing exam at the Subsidiary level. Designed to give students a working knowledge of a high level programming language developed in the context of sound mathematical training, course topics include operations and properties of number sets; trigonometric functions, equations, and graphs; algebra and coordinate geometry, including simultaneous linear equations, binomial theorem, and polynomial and quadratic functions and equations; calculus, including bilinear, exponential and logarithmic functions; vectors and matrices; and numerical analysis. The courses also			IB						
students who have attained the objectives of Algebra II, History of Math-Algebra II level									
intended for students who have attained the objectives of Algebra II, Number Theory-Algebra									
	Statistics introduces students to the major concepts and tools for collecting, analyzing, and crawing conclusions from data. Students are exposed to four broad conceptual themes exploring data (observing patterns and departures from patterns), planning a study (deciding what and how to measure), anticipating patterns (producing models using probability theory and simulation), and statistical inference (confirming models). This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines. IB Mathematics and Computing - St Grades 9 - 12 – This course prepares students to take the International Baccalaureate Mathematics and Computing exam at the Subsidiary level. Designed to give students a working knowledge of a high level programming language developed in the context of sound mathematical training, course topics include operations and properties of number sets; trigonometric functions, equations, including bilinear, exponential and logarithmic functions; vectors and matrices; and numerical analysis. The courses also contain components on computer problem solving and programming. Topics regarding computer hardware, software, modes of operation, and data types and structures. History of Math - Grades 9 - 12 – For Elective Credit Only, This course is intended for students who have attained the objectives of Algebra II, History of Math-Algebra II level courses include a study of the historical development of numbers, computation, algebra, and geometry.	exploring data (observing patterns and departures from patterns), planning a study (deciding what and how to measure), anticipating patterns (producing models using probability theory and simulation), and statistical inference (confirming models). This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines. 11-12 IB Mathematics and Computing - St Grades 9 - 12 — This course prepares students to take the International Baccalaureate Mathematics and Computing exam at the Subsidiary level. Designed to give students a working knowledge of a high level programming language developed in the context of sound mathematical training, course topics include operations and properties of number sets; triponometric functions, equations, and graphs; algebra and coordinate geometry, including simultaneous linear equations, binomial theorem, and polynomial and quadratic functions and equations; calculus, including bilinear, exponential and logarithmic functions; vectors and matrices; and numerical analysis. The courses also contain components on computer problem solving and programming. Topics regarding computer hardware, software, modes of operation, and data types and structures. History of Math - Grades 9 - 12 — For Elective Credit Only. This course is intended for students who have attained the objectives of Algebra II, History of Math-Algebra II level courses include a study of the historical development of numbers, computation, algebra, and geometry. Number Theory - Grades 11 - 12 — This course is higher than the level of Algebra II. Course intended for students who have attained the objectives of Algebra II, Number Theory-Algebra II level courses include a study of the historical development of numbers, and extend this information to congruencies and divisibility.	Statistics introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data of how to measure), anticipating patterns from proteings, planning a study (deciding what and how to measure), anticipating patterns (confirming models). This course is intended to provide the published College Board guidelines. 11-12 IB Mathematics and Computing - St Grades 9 - 12 - This course prepares students to take the intenditional Sociolaureante Mathematics and Computing exam at the Subdiction where the published College Board guidelines. 11-12 IB Mathematics and Computing - St Grades 9 - 12 - This course prepares students to take the intenditional Sociolaureante Mathematics and Computing exam at the Subdiction of the intenditional Sociolaureante Mathematics and Computing exam at the Subdiction of the context of sound mathematical rating course propies include operations and properties of number sels; trigonometric functions, equations, and graphs; algebra and coordinate geometry, including simultaneous linear equations, binomial theorem, and polynomial and quadratic functions and equations; course propies include operations and properties of number sels; trigonometric functions, equations. The courses also contain components on computer problem solving and programming. Topics regarding computer handware, software, modes of operation, and data types and structures. Page 12 Number Theory - Grades 11 - 12 - This course is higher than the level of Algebra II. Lourse intended for students who have attained the objectives of Algebra II, Number Theory-Algebra II level courses review the properties and uses of integers and prime numbers, and extend this information to congruences and divisibility.	Statistics introduces students to the major concepts and tools for collecting, analyzing, and drawing conductions from data. Students are exposed to four troad conceptual themes: exploring data (observing patterns and departures from patterns), planning a study (deciding and deciding and de	Statistics introduces students to the major corcepts and tools for collecting, ariskying, and drawing conclusions from data. 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Solidation in the expected to four data disconsistent frements what and flow to measure, simple disconsistent from the composition of the co	Signation structures andwares to the engage concepts air tool for ordering, disalyzing, and expending the signature and expensing patterns of expension of expensi	Significant introduces displayed and employed production of the employed position of the company gladers and of operating and producing patterns and operating the company gladers and operating patterns and operating the company gladers and operating the company gladers and operating the company gladers and operating patterns and operating pat

200	74	Abstract Algebra - Pre Calculus level - Grades 11 - 12 - This course is higher than the level of Algebra II. Course intended for students who have attained pre-calculus objectives. Abstract Algebra-Pre Calculus level courses include a study of the properties of the number system from an abstract perspective, including such topics as number fields (i.e., rational, real, and complex numbers), integral domains, rings, groups, polynomials, and the fundamental theorem of algebra.	•					
200		Linear Algebra - Pre Calculus level - Grades 11 - 12 - This course is higher than the level of Algebra II. Course intended for students who have attained pre-calculus objectives, Linear Algebra-Pre Calculus level courses include a study of matrices, vectors, tensors, and linear transformations.						
200		Linear Programming - Pre Calculus level - Grades 11 - 12 - This course is higher than the level of Algebra II. Course intended for students who have attained pre-calculus objectives, Linear Programming-Pre Calculus level courses include a study of mathematical modeling and the simplex method to solve linear inequalities.						
200		SREB Math Ready – Grade 12 – Pre-requisite: either the course series of Algebra I. Geometry and Algebra II or the course series of Integrated Pathway: Mathematics I, II and III. This course is higher than the level of Algebra II. This Southern Regional Educational Board (SREB) course emphasizes an understanding of math concepts. Math Ready students learn the context behind procedures and come to understand the "whys" of using certain formulas or methods to solve a problem. By engaging students in real-world applications, this course develops critical thinking skills that students will use in college and careers.		SREB Description				

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200	78	Mathematical Modeling - Grades 10 - 12 – This course is higher than the level of Algebra II. This is a project based course using emergent technologies to give students hands on experience exploring mathematical modeling and processes. Students will create an independent research project to address real world situations including using robotics, supercomputing, 3D modeling or other techniques. Students may present their projects and/or compete in robotics, supercomputing or other competitions. Licensure Requirements are the same as course code 2053. NM Common Core State Standards Mathematics- N. Q.1-3. A-SSE(1,3.4). A-CED(1-4). A-REI.11. F-IF(4-7). F-BF(1-2). F.I.E(1-5). F-IF(5), G-SRT.8. G.GPE.7. G.GMD.3. G.MG(1-3). S-ID(1-9). S-IC(1-6). S-CP(1-9). S-MD(1-7)	10-12	NEW				
200		Integrated Pathway: Mathematics I - Grades 9-10 - The fundamental purpose of Mathematics I is to formalize and extend the mathematical concepts and to deepen and extend understanding of linear relationships by contrasting them with exponential phenomena and by applying linear models to data that exhibit a linear trend. Mathematics I uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge from prior grades and ties together the algebraic and geometric ideas studied. The six critical areas include: (1) relationships between quantities; (2) linear and exponential relationships; (3) reasoning with equations; (4) descriptive statistics; (5) congruence, proof, and constructions; and (6) connecting algebra and geometry through coordinates. The Standards for Mathematical Practice apply throughout this course and, together with the content standards, prescribe mathematics as a coherent, useful, and logical subject that makes sense of problem situations.						
20	81	Integrated Pathway: Mathematics II - Grades 9 - 11 - The focus of Mathematics II is on quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships. Real and complex numbers are introduced so that all quadratic equations can be solved. The link between probability and data is explored through conditional probability and counting methods, including their use in making and evaluating decisions. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. Circles are included with their quadratic algebraic representations. The six critical areas include: (1) extending the number system; (2) quadratic functions and modeling; (3) expressions and equations; (4) applications of probability; (5) similarity, right triangle trigonometry, and proof; and (6) circles with and without coordinates. The Standards for Mathematical Practice apply throughout this course and, together with the content standards, prescribe mathematics as a coherent, useful, and logical subject that makes sense of problem situations.						
20		Integrated Pathway: Mathematics III -Grades 11-12 - This course integrates and applies the accumulation of learning including: drawing inferences and conclusions from data; using polynomial, rational, and radical functions; expanding right triangle trigonometry to include general triangles; and creating models and solving contextual problems. The four critical areas include: (1) inferences and conclusions from data; (2) polynomial, rational, and radical rateationships; (3) trigonometry of general triangles and trigonometric functions; and (4) mathematical modeling. The Standards for Mathematical Practice apply throughout this course and, together with the content standards, prescribe mathematics as a coherent, useful, and logical subject that makes sense of problem situations.						

2083	Integrated Pathway: Mathematics IV - Grade 12 –This course is higher than the level of Algebra II and may include topics in pre-calculus, trigonometry, math analysis and/or calculus. This course is for students who have successfully attained the standards and seek an integrated approach to further study of mathematics.	12					
2084	Integrated Pathway: Mathematics I, Intervention — Grades 9 - 10 - For Elective Credit Only—Cannot count as one of the four math credits required for High School Graduation. This class will be offered in conjunction with a regular Integrated Pathway: Mathematics I course and will offer the extra support some students may need in order to be successful in the regular course, and will emphasize the skills, concepts and processes needed by the students. An intervention program can be thought of as a cycle consisting of three phases: diagnostic assessment, instructional actions and follow-up assessment.	9-10					
2085	Integrated Pathway: Mathematics II, Intervention – Grades 9 - 11 -For Elective Credit Only– Cannot count as one of the four math credits required for High School Graduation. This class will be offered in conjunction with a regular Integrated Pathway: Mathematics II course and will offer the extra support some students may need in order to be successful in the regular course. The teacher of this course will be guided by the Standards-based core curriculum of the regular course and will emphasize the skills, concepts and processes needed by the students. An intervention program can be thought of as a cycle consisting of three phases: diagnostic assessment, instructional actions and follow-up assessment.	9-11					
2086	Integrated Pathway: Mathematics III, Intervention – Grades 11 - 12 - For Elective Credit Only– Cannot count as one of the four math credits required for High School Graduation. This class will be offered in conjunction with a regular Integrated Pathway: Mathematics III course and will offer the extra support some students may need in order to be successful in the regular course. The teacher of this course will be guided by the Standards-based core curriculum of the regular course and will emphasize the skills, concepts and processes needed by the students. An intervention program can be thought of as a cycle consisting of three phases: diagnostic assessment, instructional actions and follow-up assessment.	11-12					

2096	Mathematics - Independent Study - Grades 9 - 12 – This course is higher than the level of Algebra II. Course, often conducted with instructors as mentors, enables students to explore mathematics topics of interest. These courses may be offered in conjunction with other rigorous math courses, or may serve as an opportunity to explore a topic of special interest. They may also serve as an opportunity to study for AP exams if the school does not offer specific courses for that endeavor.					
2097	Financial Literacy – Math – Grades 9 – 12 - This course provides an understanding of the topics of finance while reinforcing concepts and skills in the high school mathematics standards. This course aligns to at least the Algebra I standards. The finance topics may include: income and careers; money management; credit and debt; and savings and investing. Topic sections cover: personal income, business ownership; budget; sanksupto, bank and brokerage accounts; interest rates; stocks and bonds; retirement; pensions; inheritance; and government financing. The Standards for Mathematical Practice apply throughout this course and, together with the content standards, prescribe mathematics as a coherent, useful, and logical subject that makes sense of problem situations.					
2099	Mathematics - Recommended for Students Grades 5 - 12 – This course code is to be used for college level courses which are not listed above. It may also be used for middle school students if an appropriate MATH course code is unavailable. Typically used with advanced dual credit topics.					
2111	Introduction to ROTC - Recommended for Students Grades 9 - 12 - Course introduces students to the purposes and objectives of the Reserve Officer Training Corps program. As part of that introduction, course topics may include a brief history of the military branches in the United States and the basics of military drill, ceremony, and rank structure.		Government and Public Administration			

2112	Military ROTC - Recommended for Students Grades 9 - 12 - Course sequences may vary, but the primary objectives of Military ROTC courses include instruction in the history, organization, role, objectives, and achievements of a particular branch of the United States Armed Forces; development of personal fitness, strong character, and leadership qualities; and exposure to the career opportunities provided by the military. Military customs, courtesies, rank, drill, and ceremonies are typically included as course topics; citizenship and scholarship are often emphasized as well. Subjects related to the particular branch being studied (such as map reading, nautical skills, aerospace technology, and jet propulsion), as well as more general subjects (international law, weaponry, celestial navigation, and geopolitical strategy) may also be included as part of the course content.		Government and Public Administration			
2121	ROTC Drill - Recommended for Students Grades 9 - 12 - Course provides students with an additional opportunity to improve their skills in military precision. Marching and rifle manipulation, body coordination and mechanics, and performing as a member of an orchestrated team are particularly emphasized. Members of these classes may take part in ceremonies and competitions.		Government and Public Administration			
2195	Military Science - Related Subjects - Recommended for Students Grades 9 - 12 - Course conveys information from other subject areas, but relate the skills and knowledge specifically to the emphasized branch of service. Examples include engine mechanics, electricity/electronics courses, aviation techniques, and so on.		Government and Public Administration	Science Technology Engineering and Math		
2199	Military Science - Recommended for Students Grades 9 - 12 – Other. Typically used with advanced dual credit topics.					

220	4	Humanities I - Recommended for Grades 9 - Course examines the role and responses of the individual as a member of groups to which Student belongs, emphasizing citizenship and the study of U.S. government; U.S Constitution & he New Mexico Constitution; the structure and functions of government and political institutions; the concepts of rights, privileges, and responsibilities; the importance of civic participation in the democratic process. Students also study the purposes and structures of state, tribal, and local governments. Literature from a variety of genres, and selected artwork, illuminate and expand on the themes, providing the basis for developing language use (listening, speaking, reading, and writing) and analytical skills, and for building student knowledge and application of grammar, vocabulary wod usage, and mechanics of writing. The course meets state standards in English at this grade level and Government.					
220	5	Humanities II - Recommended for Students Grades 10 - Course explores the impact of culture on the individual and societies, through the study of the history and civilizations of human societies from early civilization to the twentieth century: political, social, religious, military, scientific, artistic, literary, and cultural developments. It includes an overview of world geography. Literature from a variety of genres, and selected artwork, illuminate and expand on the themes, providing the basis for developing language use (listening, speaking, reading, and writing) and analytical skills, and for building student knowledge and application of grammar, vocabulary, word usage, and mechanics of writing. The course meets state standards in English at this grade level and World History and Geography.					
220	6	Humanities III - Recommended for Students Grades 11 - Course considers the question, "Who are we, and how did we become who we are?" through an intense study and analysis of the history of the United States from its origins through World War II: political, exonomic, military, scientific, artistic, literary, and social developments. Students study U.S. geographs to support geographical concepts as they relate to the understanding of the development of the United States. Literature from a variety of genres, and selected artwork, illuminate and expand on the themes, providing the basis for developing language use (listening, speaking, reading, and writing) and analytical skills, and for building student knowledge and application of grammar, vocabulary, word usage, and mechanics of writing. The course meets state standards in English at this grade level and U.S. History and Geography.					
220	7	Humanities IV - Recommended for Grades 12 - Course provides an overview of contemporary global issues, with an emphasis on economics and post-World War II history. Students analyze the historical development of current world issues: economic (macroeconomics), political, military, scientific, artistic, literary, and social developments. They develop personal goals for post-high school life incorporating career interests and microeconomics principles in their plans. Literature from a variety of genres, and selected artwork, illuminate and expand on the themes of the course, providing the basis for developing language use (listening, speaking, reading, and writing) and analytical skills, and for building student knowledge and application of grammar, vocabulary, word usage, and mechanics of writing. Spring term the students conduct extensive research to write and present a senior thesis on a topic of their choice. The course meets state standards in English at this grade level and Economics.					

2208	AP Humanities	deleted				
2209	AP Humanities	deleted				
2210	Humanities - Recommended for Students Grades 6 - 8 - Course provides a multidisciplinary curriculum by integrating reading, writing, speaking, listening, research, and thinking skills with the study of geography through maps, globes, direction, and place location as well as an in-depth study of past history to present cultures as specified for social studies at each grade level. The competencies taught meet the requirements for language arts and social studies for each grade level.					
2211	IB Theory of Knowledge - Recommended for Students Grades 11 - 12 - Course that is obligatory for every candidate for the International Baccalaureate degree, IB Theory of Knowledge courses aim to stimulate critical student reflection on the knowledge and experiences gained during high school. The courses seek to generate questions regarding the bases of knowledge and their verification in the disciplines of mathematics, natural sciences, human sciences, and history, with an awareness of moral, political, and aesthetic judgments and biases. After completing the course, the student should be able to appreciate the strengths and limitations of various kinds of knowledge; to relate subjects studied to one another, general knowledge, and living experiences; to formulate rational arguments; and to evaluate the role of language in knowledge and as a means of conveying knowledge.	18				

2212	Service Learning - Recommended for Grades 5-12. This course incorporates a teaching and learning strategy that integrates meaningful community service with instruction and reflection to enrich the learning experience, teach civic responsibility, and strengthen communities. This course may also provide opportunities that link the task to self-reflection, self-discovery, and the acquisition and comprehension of values, skills, and knowledge content. This course would fulfill the required elective for Service Learning passed in the 2003 legislative session.	5-12				
2222	Thematic Integration - Recommended for Students Grades 9 - 12 - Course explores a problem posed either by faculty or by students from the perspective of various disciplines. Not necessarily team taught, the course nonetheless strives to view the problem and to pose solutions using concepts from several areas of study.					
2223	Issues of American Culture - Recommended for Students Grades 9 - 12 - Course examines political, gender related, and multicultural issues of the American experience. Typically using the discipline of language arts or history as a base, these courses explore the experiences of various groups of people in the United States. Group work, seminars, and cooperative learning are often used to foster learning and understanding.					
2224	Travel Programs - Recommended for Students Grades 9 - 12 - Course combines the study of various disciplines with a travel component. Travel Program courses enable students to physically see and experience the aspects, applications, or ramifications of the content of their coursework. The travel component may be a series of short trips or a longer, single venture lasting several weeks.					

229	3	Multi/Interdisciplinary Studies - Concurrent Enrollment - Recommended for Students Grades 9 - 12 - Must meet current Standards and Benchmarks.)	9-12				
229	9	Multi/Interdisciplinary Studies - Recommended for Students Grades 9 - 12 – Other. Typically used with advanced dual credit topics.	9-12				
230	1	Physical Education - Recommended for Students Grades K - 6 - Course that provides instruction and development of skills in human movement, physical activities, and physical fitness. This course must include all of the physical education content standards with appropriate benchmarks.	K-6				
230	4	Physical Education - Recommended for Students Grades 6 - 8 - Course that provides instruction and development of skills in human movement, physical activities, and physical fitness. This course must include all of the physical education content standards with 8th grade benchmarks and must be taken to meet the 7th grade physical education requirement.					

2305	Physical Education - Recommended for Students Grades 9 - 12 - Course that provides instruction and development of skills in human movement, physical activities and physical fitness. This course must be aligned with the 9-12 PED Physical Education content standards with benchmarks and performance standards. This course will meet the graduation requirement for Physical Education.	9-12				
2311	Team Sports - Recommended for Students Grades 9 - 12 - Course that provides instruction and skill development in selected team sports.					
2312	Individual/Dual Sports - Recommended for Students Grades 9 - 12 - Course that provides instruction and skill development in selected individual/dual sports.	9-12				
2313	Recreational Sports - Recommended for Students Grades 9 - 12 - Course that provides instruction and skill development in selected recreational sports and/or outdoor activities. (Badminton, table tennis, croquet, Frisbee, fishing, hiking, cycling. orienteering, etc.)					

2314	Fitness/Conditioning Activities - Recommended for Students Grades 9 - 12 - Course that provides instruction and development of skills in physical fitness.	9-12				
2316	Adapted Physical Education - Recommended for Students Grades 9 - 12 - Course that provides a specially designed physical education program, using NM PE Content Standards with Benchmarks and Performance Standards, when possible and appropriate, as prescribed in the student's IEP. This course may be taken to meet the high school PE graduation requirement.					
2317	Adapted Physical Education - Recommended for Students Grades PreK - 8 - Course that provides a specially designed physical education program, using NM PE Content Standards with Benchmarks and Performance Standards, when possible and appropriate, as prescribed in the student's IEP.					
2321	Gymnastics - Recommended for Students Grades 9 - 12 - Course that provides instruction and development of skill in gymnastics					

2322	Weightlifting/Weight Training - Recommended for Students Grades 9 - 12 · Course that provides instruction and development of skills with free-weights and weight stations.	9-12				
2323	Swimming and Diving - Recommended for Students Grades 9 - 12 - Course that provides instruction and development of skills in swimming and diving.					
2326	Lifesaving - Recommended for Students Grades 9 - 12 - Course that provides instruction and development of skills in lifesaving.	9-12				
2351	Physiology of Exercise - Recommended for Students Grades 9 - 12 - Course that provides instruction in the physiology of exercise.					

2399	Physical Education - Recommended for Students Grades 9 - 12 — Other. Typically used with advanced dual credit topics.	9-12						
2403	Machining - Recommended for Students Grades 9 - 12 - Course enables students to create machine parts using various machine tools and equipment. Course content may include interpreting specifications for machines using blueprints, sketches, or descriptions of parts; preparing and using lathes, milling machines, shapers, and grinders with skill and safety; developing part specifications; and selecting appropriate materials.		Manufacturing	Architecture and Construction	Agriculture, Food and Natural Resources			
2404	Particular Topics in Machining - Recommended for Students Grades 9 - 12 - Course provides instruction in specific aspects of machining. The course may emphasize a particular type of machine, tool, or procedure, or may concentrate on a particular industrial application of machining techniques.		Manufacturing	Architecture and Construction	Agriculture, Food and Natural Resources			
2412	Metalworking - Recommended for Students Grades 9 - 12 - Course introduces students to the qualities and applications of various metals and the tools used to manipulate and form metal into products. Through one or more projects involving metals, students develop planning, layout, and measurement skills; gain experience in cutting, bending, forging, casting, and/or welding metal; complete projects according to blueprints or other specifications; and may learn to polish and finish metals. Correct use of metalworking tools and equipment is stressed.		Manufacturing	Architecture and Construction	Agriculture, Food and Natural Resources	Arts Audio-Video Technology and Communications		

2413	Sheet Metal - Recommended for Students Grades 9 - 12 - Course exposes students to the skills and information necessary to layout, fabricate, assemble, install, maintain, and repair items and structures created from sheet metal components. Students learn the safe and efficient operation of various tools, and typically gain skill in blueprint reading; welding; and finishing and polishing metals.		Manufacturing	Architecture and Construction	Agriculture, Food and Natural Resources			
2414	Welding 1 - Recommended for Students Grades 9 - 12 - Course introduces students to the properties, uses, and applications of various metals. Welding courses provide experience in various processes used to join and out metals (such as oxyacetylene, shielded metal arc, metal inert gas and tungstern arc processes) and the proper use of each technique. Courses often include instruction interpreting blueprints or other types of specifications.		Manufacturing	Architecture and Construction	Agriculture, Food and Natural Resources	Arts Audio-Video Technology and Communications		
2415	Particular Topics in Welding - Recommended for Students Grades 9 - 12 - In these courses students gain knowledge and skills of particular aspects of welding. Examples include individual courses in each of the following types of welding: gas metal arc welding, gas tungsten arc welding, and shielded metal arc welding.		Manufacturing	Architecture and Construction	Agriculture, Food and Natural Resources	Arts Audio-Video Technology and Communications		
2416	Welding 2 Grades 9 -12 - This is a second sequential course in a welding program of study meant to take a student into higher level knowledge and skill development.		Manufacturing	Architecture and Construction	Agriculture, Food and Natural Resources	Arts Audio-Video Technology and Communications		

2417	Welding 3 Grades 9 – 12 - This is a third sequential course in a welding program of study meant to take a student into higher level knowledge and skill development.	9-12	Manufacturing	Architecture and Construction	Agriculture, Food and Natural Resources	Arts Audio-Video Technology and Communications		
2495	Precision Metalwork - Related Subjects - Recommended for Students Grades 9 - 12 - Course provides students with related skills and knowledge necessary or desirable for careers in welding or machine technologies. The presentation of particular topics and skills, or their applications, may vary with the occupation or technology. For example, mathematics for welding students may differ in some respects from mathematics for machining students.		Manufacturing	Architecture and Construction				
2496	Precision Metalwork - Independent Study - Recommended for Students Grades 9 - 12 Course, often conducted with instructors as mentors, enables students to explore metal related topics of interest in greater depth and detail. Independent Study courses may serve as an opportunity to expand expertise in a particular industry application, to explore a topic of special interest within a related industry, or to develop greater machining skills.		Manufacturing	Architecture and Construction				
2497	Precision Metalwork - OJT - Recommended for Students Grades 9 - 12 - Course, work experience is gained within the welding or machine technologies field. Although the student, teacher, and employer may set goals cooperatively, classroom attendance/experience is not an integral part of the Precision Metalwork-OJT experience.		Manufacturing	Architecture and Construction				

2498	Precision Metalwork - Co-Op - Recommended for Students Grades 9 - 12 - Course provides work experience in the welding or machine technologies field, and is supported by classroom attendance and discussion. Goals are set for the employment period; classroom experience may involve further study in the field, improvement of employability skills, or discussion regarding the experiences and problems encountered on the job.	9-12	Manufacturing	Architecture and Construction				
2499	Precision Metalwork - Other - Recommended for Students Grades 9 - 12 - Other. Typically used with advanced dual credit topics.	9-12	Manufacturing	Architecture and Construction				
2501	Exploration of Public Service Careers - Course exposes students to the duties, responsibilities, requirements, and career opportunities within public service. Course topics vary and may include (but are not limited to) the following: education; protective services: correction, judicial, and probation services; fire protection and firefighting; public administration; and social work. Course activities depend upon the career clusters explored.		Human Services	Education and Training	Government and Public Administration	Law Public Safety & Security		
2503	Community Protection - Course provides students with information regarding the personnel and agencies concerned with protection of the home, city, state, and nation. Topics may include civil defense and disaster preparedness; crime prevention; pollution control; fire prevention and control; legal and social systems and principles; and public health. These topics may be explored as a community resident and citizen using these services, or as one interested in pursuling a career in public service.		Law, Public Safety and Security	Human Services	Government and Public Administration			

2504	Public Administration - Course provides an overview of the structure, roles, and duties of public governments and associated agencies. These courses explore the foundation and evolution of the public service sector, issues related to the provision of services by governmental bodies, and the missions and constraints of various departments within local and state governments. In addition, students may explore a particular topic of public administration (such as the tax base and structure, the legislative process, selection of public servants, resource management, and so on) in greater detail.		Human Services	Government and Public Administration	Health Science		
2513	Criminal Justice Assisting - Course trains students to understand and apply the principles and procedures essential to the U.S. criminal justice system. The principles and structure of the justice system and the law are explored; course content also typically includes train control, investigation, search and arrest, laboratory, forensic, and trial procedures. Students may also learn CPR and first aid skills, personal defense tactics, and crime prevention techniques.		Government and Public Administration	Law Public Safety & Security			
2523	Fire Fighting - Course offers students the opportunity to learn fire prevention and control under controlled conditions. The organization, rules, requirements, and regulations of fire departments are presented; the tools and techniques used by fireflighters to control or extinguish fires are examined and practiced; and the behavior of fires is studied. Emergency medical techniques are typically included; fire investigation techniques may also be presented.		Health Science	Law Public Safety & Security	Government and Public Administration		
2533	Teacher Assisting – Course Code Change from 2533 to 0562	DELETED					

2534	Educational Methodology - Course Code Change from 2534 to 0563	DELETED	DELETED							
2543	Civil Engineering - Course exposes students to the concepts and skills used by urban planners, developers, and builders. Students may be trained in soil sampling and analysis; topography and surveying; and drafting or blueprint reading. Additional course topics may include traffic analysis, geologic principles, and urban design.	9-12		Agriculture, Food and Natural Resources	Transportation Distribution & Logistics	Manufacturing	Government and Public Administration	Science Technology Engineering and Math	Architecture and Construction	
2595	Public, Protective, and Social Services-Related Subjects - Course provides students with related skills and knowledge necessary or desirable in public service careers. Such topics may include science, mathematics, or communications.	9-12		Government and Public Administration	Law Public Safety & Security	Human Services				
2596	Public, Protective, and Social Services-Independent Study - Course, often conducted with instructors as mentors, enables students to explore topics of interest related to their program in greater depth and detail. Independent Study courses may serve as an opportunity to expand expertise in a particular application or to explore a topic of special interest within a closely related field.	9-12		Law, Public Safety and Security	Human Services	Government and Public Administration				

259	97	Teaching and Practicum - Course Code Change from 2597 to 0597.							
			DELETED	DELETED					
		Public, Protective, and Social Services-Co-Op - Course provides work experience in the							
259	98	public service sector, and is supported by classroom attendance and discussion. Goals are set for the employment period; classroom experience may involve further study in the field, improvement of employability skills, or discussion regarding the experiences and problems encountered on the job.			Law, Public Safety and Security	Human Services	Government and Public Administration		
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259	99	Public, Protective, and Social Services – Other. Typically used with advanced dual credit topics.			Law, Public Safety and Security	Human Services	Government and Public Administration		
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2605	Comparative Religion - Course surveys and compares the various forms and values of several world religions, offering students a basic understanding of the world's diverse religious faiths and practices. Course topics may include the belief systems of adherents; the relationships between humans and nature, ancestors, and the spiritual world; and the historical development of each religion.						
2606	Eastern Religions - Course is similar to Comparative Religion, Eastern Religions courses providing an overview of various religions and belief systems, but concentrate on those of the Eastern World. Particular religious or philosophical systems studied may include Buddhism, Hinduism, Islam, Taoism, Shintoism, and Confucianism, among others.						
2607	Western Religions - Course is similar to Comparative Religion, Western Religions courses providing an overview of various religions and belief systems, but concentrate on those of the Western World. Particular religious or philosophical systems studied may include Judaism; Christlanity (including various faiths such as those of Catholics, Episcopalians, Baptists, Quakers, Mormons, Mennonites, and others); and Native Indian belief systems, among others.	7-12					
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	Religious Text as History - Course treats religious texts as a historical document and provides an overview of significant historic events related to or contained within the religious text. Course content may include geography, the relationship between cultures and belief systems chronicled in the text.						
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	systems chronicled in the text.						
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269	9	Religious Education and Theology - Other. Typically used with advanced dual credit topics.	7-12					
270	10	New Mexico History - Grades 6-8 - Course examines the pre-history, history, politics, geography, economics, society, and cultures within New Mexico. The appropriate Performance Standards (History, Geography, Civics, Government and Economics) should be included in this course.						

2701	World Geography – Elective - Grades 6 - 12 - Course provides an overview of world geography, but may vary widely in topic coverage. Possible topics include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas. These courses may or may not place an emphasis on U.S. geography.					
2702	Topics in Geography – Elective - Grades 6 - 12 - Course examines a specific topic in geography, such as physical or cultural geography, or the geography of a particular area or region, rather than providing an overview. Topical geography courses may or may not concentrate on U.S. geography.					
2703	IB Geography – Grades 9 - 12 - Course prepares students to take the International Baccalaureate Geography exams at either the Subsidiary or higher level, and individual courses vary to reflect the different emphases of the exams (either human or physical geology, and case study or fieldwork instruction). In general, however, IB Geography courses aim to provide an understanding of the relations within society, those between society and the natural environment, and the processes by which those relations change over time.					
2704	World History - Overview - Grades 6 - 12 - Course provides an overview of the history of human society from early civilization to the contemporary period, examining political economic, social, religious, military, scientific, and cultural developments. World History-Overview courses may include geographical studies, but often, these components are not explicitly taught as geography.					

2705	World History - Laboratory - Grades 6 - 12 - Course covers the same objectives as World History - Overview, World History - Laboratory courses are taught in a resource center o skills laboratory setting emphasizing individual student progress.	6-12				
2706	World History and Geography – Required for Graduation - Grades 9 - 12 - Course covers the major eras and important turning points in world history from the Age of Enlightenment the present. Included within this course is world geography to support geographical concept as they relate to the understanding of the changes throughout the world. In addition 9-12 Social Studies Benchmarks and Performance Standards (History, Civics and Government Economics and Geography) should be included as appropriate to the course.					
2707	Modern World History - Grades 9 - 12 - Course provides an overview of the history o human society in the past few centuries-from the Renaissance period, or later, up to the contemporary period-exploring political, economic, social, religious, military, scientific, and cultural developments.	f				
2708	IB History - Grades 9 - 12 - Course prepares students to take the International Baccalaureate History exams at either the Subsidiary or Higher level. These courses concern the study o political, military, economic, social, and cultural trends, and explore the nature of historica documentation and historians' methods. IB History courses survey 20th century topics in an international context; provide for a more detailed regional study of a major area (Arica Europe, the Americas, West and South Asia, East and Southeast Asia, or Australia); and enable students to undertake an individual study on a subject of interest in greater detail and depth.		IB			

270:	9	Modern European History - Grades 9 - 12 - Course examines the development of political, social, and economic movements in Europe in the past few centuries (from the Renaissance period, or later, up to the contemporary period), and may include such topics as the rise of the modern nation state, scientific and industrial revolutions, the age of exploration and nationalism, imperialism, and world war. Course content may include the history of Russia over the same time period.					
271		AP European History - Grades 9 - 12 - Course prepares students for the AP exam in European history. The courses examine European civilization from the High Renaissance period to the recent past, provide a basic exposure to the factual narrative, and develop a) an understanding of some of the principal themes in modern European history, b) an ability to analyze historical evidence, and c) an ability to express that understanding and analysis in writing. (Districts asking to meet the World History/Geography course requirement through this course must use the Alternative Credit procedure and include geography within the scope of the written and delivered curriculum in order to meet state graduation requirement). This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		A P			
271	1	Ancient Civilizations - Grades 6 - 12 - Course surveys the evolution of society from the ancient Near East through Greek and Roman civilizations. Typically, the rise and fall of civilizations and empires are studied with an emphasis on the legacies provided to successive societies.					
271:	2	Medieval European History - Grades 6 - 12 - Course surveys European civilization from the fall of Rome through the late middle Ages.					

2713	Ancient and Medieval History - Recommended for Students Grades 6 - 12 - Course combines a study of ancient civilizations and Medieval Europe, beginning with the civilizations of the ancient Near East and continuing through the late Middle Ages in Europe.	6-12				
2714	World Area Studies - Grades 9 - 12 - Course examines the history, politics, economics, society, and/or culture of one or more regions of the world, such as Africa, Latin America, the former Soviet Union, Far East Asia, and the Middle East. These courses may focus primity on the history of the region, or may take an interdisciplinary approach to the contemporary issues affecting the region. Furthermore, these courses may focus on one particular country (other than the United States), rather than focusing on a region or continent.					
2715	5th Grade Social Studies - Grade 5 - Course provides the story of the United States, examining time periods from discovery to present day with emphasis on early history examining the motivations for European settlement. Fifth grade social Studies Performance Standards (History, Geography, Civics and Government, and Economics) should be included in this course.					
2716	6th Grade Social Studies - Grade 6 - Course provides studies of the ancient civilizations of the Near and Far East, Greek and Roman civilizations, and continues through Medieval European life. Typically, the rise and fall of civilizations and empires are studies highling the legacies provided to successive societies. Sixth grade Social Studies Performance Standards (History, Geography, Civics and Government, and Economics) should be included in this course.					

2717	New Mexico History – Required for Graduation - Grades 9-12 – This survey course supports students to become more knowledgeable and aware of the historical, cultural, economic, and political history of New Mexico and their geographical connections. Students will analyze the role that New Mexico plays in national and international arenas. The 9-12 Social Studies Content Standards, Benchmarks, and Performance Standards should be included as appropriate to the course.	9-12				
2718	Southwest Enrichment - Grades 6 - 12 - Course involves exposure to different projects that will enhance student's knowledge of the Southwest through the use of projects that allow students to do research on different cultures that have impacted the Southwest.	6-12				
2719	Native American Studies - Grades 6 - 12 - Course will examine the cultural growth and development of the indigenous North American peoples from Pre-Columbian times to the present day.	6-12				
2720	Hispanic Studies - Grades 6 - 12 - Course will focus on the rich contributions Hispanics and Hispanic culture have made to America and enable students to understand his/her connections to and place in the Latino experience. The use of art, literature, film discussion, personal experience, music and other elements of culture will be addressed.	6-12				

2721	U.S. History-Comprehensive - Grades 6 - 12 - Course provides an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. Political, military, scientific, and social developments are typically included in the historical overview. Course content may or may not include a history of the North American peoples prior to European settlement.					
2722	U.S. History-Laboratory - Grades 6 - 12 - Course has the same objectives as U.S. History-Comprehensive courses, U.S. History-Laboratory courses are taught in a resource center or skills laboratory setting emphasizing individual student progress.					
2723	Early U.S. History - Grade 8 - Course examines the history of the United States from the periods of exploration and colonization through the Civil War and Reconstruction. Eighth grade Social Studies Performance Standards (History, Geography, Civics and Government, and Economics) should be included in this course.					
2724	Modern U.S. History - Grades 9 - 12- Course examines the history of the United States from the Civil War or Reconstruction era (some courses begin at a later time period) through the present time. Political, military, scientific, and social developments are typically included as part of the historical overview. NM 9-12 Social Studies Content Standards 1-B	9-12				

2725	AP U.S. History - Grades 11 - 12 - Course prepares students for the AP exam in U.S. history and provides students with the analytic skills and factual knowledge necessary to dea critically with the problems and materials in United States history. Students learn to assess historical materials, and to weigh the evidence and interpretations presented in historica scholarship. The course examines time periods from discovery and settlement of the New World through the recent past. (Note: Districts asking to meet the United States History/Ceography course requirement through this course include geography within the written and delivered curriculum in order to meet state graduation requirement. Includes within this course is U.S. Geography to support geographical concepts as they relate to the understanding of the development of the U.S.) This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		АР			
2726	State Specific Studies - Grades 6 - 12 - Course examines the history, politics, economics society, and/or cultures of one of the states in the United States. This course may focus primarily on the history of the state, or may take an interdisciplinary approach to the contemporary issues affecting the state.					
2727	U.S. Ethnic/Gender Studies - Grades 9 - 12 - Course examines the history, politics economics, society, and/or culture of one or more of the racial ethnic groups in the United States or of gender in U.S. society. These courses may focus primarily on the history of the ethnic group or of gender relations, or may take a more comprehensive approach to the contemporary issues affecting these groups.					
2728	Elementary Social Studies Intervention (Elementary setting)	7-12 K-6	Elementary			

2728	Elementary Social Studies Intervention (Elementary Setting) – Grades K-5 (may include 6-8 for Elementary Settings) - Use this course code to report students who are pulled out of their normal elementary homeroom class for social studies intervention. The intent of this course code is to the student's classroom subject areas to teachers for evaluations. Because this course is defined strictly for elementary classroom use, a person with a 200/208 K-8 Elementary Teaching License will be considered Highly Qualified without needing an endorsement equivalent in Social Studies.	K-8					
2729	U.S. History/Geography –Required for Graduation- Grades 9 - 12 - Course examines the history and impact of major eras, events, and individuals in United States history since the Civil War and Reconstruction. Included within this course is U.S. Geography to support geographical concepts as they relate to the understanding of the development of the United States. In addition 9-12 Social Studies Benchmarks and Performance Standards (History, Civics, and Government, Economics and Geography) should be included as appropriate to the course.	9-12					
2730	U.S. Government-Comprehensive – Required for Graduation (or course 2739) - Grades 9 - 12 - Course provides an understanding of the ideals, rights, and responsibilities of citizenship and understand the content and history of the founding documents of the United States including the New Mexico and United States Constitutions and how governments function at the local, state, tribal, and national levels. In addition, 9-12 Social Studies Benchmarks and Performance Standards (History, Civics, and Government, Economics and Geography) should be included as appropriate to the course.						
2731	U.S. Government-Laboratory - Grades 9 - 12 - Course covering the same objectives as U.S. Government-Comprehensive courses, U.S. Government-Laboratory courses are taught in a resource center or skills laboratory setting emphasizing individual student progress.	9-12					

2732	Topics in U.S. Government - Grades 9 - 12 - Course examine a specific topic pertaining to U.S. government and political institutions, rather than providing a general overview. The courses concentrate on one of many possible topics related to governmental structure, function, and purposes, such as the Constitution, the Supreme Court, Congress, or the Office of the Presidency.	:				
2733	Political Science - Grades 9 - 12 - Course approaches the study of politics from a theoretical perspective, including an examination of the role of government, and the nature of political behavior, political power, and political action.					
2734	Comparative Government - Grades 9 - 12 - Course studies the basic tenets of government, searching for the differences and similarities among several forms of government. These courses engage in a comparative approach to the study of government and politics, focusing on the United States and other nations.					
2735	International Relations - Grades 9 - 12 - Course provides an introduction to international relations, including an examination of the modern state; the foreign policies of nations; the dynamics of nationalism, ideology, and culture; and the role of international organizations. The courses may or may not emphasize contemporary events.					

2736	AP U.S. Government and Politics - Grades 11 - 12 - Course prepares students for the AP exam in U.S. Government and Politics. These courses provide students with an analytical perspective on government and politics in the United States, involving both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. The course generally covers the following topics: constitutional underpinnings of U.S. government, political beliefs and behaviors, political parties and interest groups, the institutions and policy process of national government, and civil rights and liberties. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		AP			
2737	AP Comparative Government and Politics - Grades 11 - 12 - Course prepares students for the AP exam in Comparative Government and Politics, offering students a basic understanding of the world's diverse political structures and practices. The course encompasses the study both of specific countries (including Great Britain, France, the former Soviet Union, China, and either India, Mexico, or Nigeria), and of general concepts used to interpret the key political relationships found in virtually all-national polities. Course content generally includes sources of public authority and political power; the relationship between state and society; the relationship between states and society; the relationship between citizens and states; political and institutional frameworks; political change, and the comparative method. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		АР			
2738	Elementary Social Studies (Elementary setting)	K-6	Elementary			
2738	Elementary Social Studies (Elementary Setting) – Grades K-5 (may include 6-8 for Elementary Settings) - This course covers applicable grade-level content in the New Mexico Social Studies Content Standards. All levels place an emphasis on patterns, principles, and influences on communities throughout the world.	K-8	y			

2	739	Principles of Democracy – Required for Graduation (or course 2730 or 2741)- Grades 9- 12 - Course combines a study of the structure of national, state, and local U.S. government with an overview of the principles of market economics. Course content may include contemporary U.S. issues. The emphasized purpose of Principles of Democracy courses is to prepare students to perform effectively as informed citizens.	9-12				
2	740	Government and Politics - Grades 9 - 12 – Other	9-12				
2	741	Economics – Required for Graduation (or course 2739) - Grades 9 - 12 - Course provides for an understanding of basic economic principles and use of economic reasoning skills to analyze the impact of economic systems (including the market economy) on individuals, families, businesses, communities, and governments. In addition, 9-12 Social Studies Benchmarks and Performance Standards (History, Civic and Government, Economics and Geography) should be included as appropriate to the course.					
2	742	Comparative Economics - Grades 9 - 12 - Course offers a study of different economies and economic systems, including a study of differing approaches to problems in micro and macroeconomics.	9-12				

2743	AP Microeconomics - Recommended for Students Grades 11 - 12 - Course is designed to parallel a semester of college level microeconomics, AP Microeconomics courses provide students with a thorough understanding of the principles of economics that apply to the functions of individual decision makers (both consumers and producers), and place primary emphasis on the nature and functions of product markets, while also including a study of factor markets and the role of government in the economy. This course is intended to prepar students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		АР			
2744	AP Macroeconomics -Grades 11 - 12 - Course is designed to parallel a semester of college level macroeconomics, AP Macroeconomics courses provide students with a thorough understanding of the principles of economics that apply to an economic system as a whole placing particular emphasis on the study of national income and price determination, and developing students' familiarity with economic performance measures, economic growth, and international economics. This course is intended to prepare students for the optiona Advanced Placement Exam in this subject and should follow the published College Board guidelines.		АР			
2746	IB Economics - Grades 9 - 12 - Course prepares students to take the Internationa Baccalaureate Economics exams at either the Subsidiary or Higher level. The courses seet to provide students with the basic tools of economic reasoning and to use those tools to explain or interpret economic problems. Course content includes resource allocation unde various systems, national income analysis, international economics, and economic development and growth. Income distribution may also be studied.		18			
2751	Contemporary U.S. Issues - Grades 9 - 12 - Course studies the political, economic, an social issues facing the United States, with or without an emphasis on state and local issues. These courses may focus on current issues, or may examine selected issues from throughou the 20th century.					

2752	Contemporary World Issues - Grades 9 - 12 - Course studies political, economic, and social issues facing the world, with or without an emphasis on the United States. These courses may focus on current issues, or may examine selected issues from throughout the 20th and 21st century. The focus may be on historical causes or possible solutions; an interdisciplinary approach may be used.					
2753	Western Civilization - Grades 6 - 12 - Course applies an interdisciplinary approach to the study of western cultural traditions, frequently using a chronological framework. Course content typically includes a survey of the major developments and contributors in art and architecture, literature, religion and philosophy, and culture. Intellectual and political movements may also be included.					
2755	AP World History - Grades 11 - 12 - The purpose of this course is to develop greater understanding of the evolution of global processes and contracts, in interaction with different types of human societies. Focused primarily on the past 1,000 years of global experience the course builds and understanding of cultural, institutional, and technological precedents that, along with geography, set the human state prior to 1000 C.E. (AP World History will not have to submit an alternative credit request but will need to include the geography component in the written and delivered curriculum in order to meet the graduation requirement.) This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		АР			
2761	Law Studies - Grades 9 - 12 - Course examines the history and philosophy of law as part of U.S. society, and includes the study of the major substantive areas of both criminal and civil law, such as constitutional rights, torts, contracts, property, criminal law, family law, and equity. Although emphasis is placed on the study of law, the workings of the legal system may also be included.					

2762	Consumer Law - Grades 9 - 12 - Course presents a history and philosophy of law and the legal system in the United States, with a particular emphasis on those topics affecting students as consumers and young adults (such as contractual laws, laws pertaining to housing and marriage, and constitutional rights).					
2763	Business Law - Grades 9 - 12 - Course presents a history and philosophy of law and the legal system in the United States, with a particular emphasis on those topics affecting students as future business leaders and employees (such topics may include contracts, commercial paper and debt instruments, property rights, employer/employee relationships, and constitutional rights and responsibilities).					
2764	Legal System - Grades 9 - 12 - Course examines the workings of the U.S. criminal and civil justice systems, including an understanding of civil and criminal law and the legal process, of the structure and procedures of courts, and the role of various legal or judicial agencies. Although emphasis is placed on the legal process, the history and foundation of U.S. law (Constitution, statutes, and precedents) may also be included. Content may also include contemporary problems in the criminal justice system.					
2765	Mock Trial - Grades 9 - 12 - Students will learn about the law and practical application. Students will learn how to speak, argue, and debate. The course will be a competition class for Mock Trial. Lawyers will work with students.					

2770	Social Science - Grades 9 - 12 - Course provides an introduction to the various disciplines in the social sciences, including anthropology, economics, geography, history, political science, psychology, and sociology. Typically, the main course focus is on the methodologies of the social sciences and the differentiation among the various disciplines.						
2771	Psychology - Grades 9 - 12 - Course introduces students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.						
2772	Topics in Psychology - Grades 9 - 12 - Course examines a specific topic in psychology, such as human growth and development or personality, rather than providing a more comprehensive overview.						
2773	AP Psychology - Grades 11 - 12 - Course designed to parallel an introductory college level psychology course, AP Psychology courses introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals, expose students to each of the major sub-fields within psychology, and enable students to examine the methods psychologists use in their science and practice. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		АР	Human Services			

2774	IB Psychology - Grades 9 - 12 - Course prepares students to take the International Baccalaureate Psychology exams at either the Subsidiary or Higher level. Course content includes developmental and social psychology, cognition and learning, and personality subject areas, which are approached in terms of biological/physiological, behavioral, and humanistic frameworks. Courses preparing students for the Higher-level exam include greater study of research design and statistics, and involve practical work in psychological research.		IB			
2775	Sociology - Grades 9 - 12 - Course introduces students to the study of human behavior in society. These courses provide an overview of sociology, generally including (but not limited to) topics such as social institutions and norms, socialization and social change, and the relationships of individuals and groups in society.					
2776	Topics in Sociology - Grades 9 - 12 - Course examines a specific topic in sociology, such as culture and society or the individual in society, rather than providing an overview of the field of sociology.					
2777	Anthropology - Grades 9 - 12 - Course introduces students to the study of human evolution with regard to the origin, distribution, physical attributes, environment, and culture of human beings. These courses provide an overview of anthropology, including but not limited to both physical and cultural anthropology.					

2778	Topics in Anthropology - Grades 9 - 12 - Course examines a specific topic in anthropology, such as physical anthropology, cultural anthropology, or archeology, rather than providing a more comprehensive overview of the field.	9-12					
2779	IB Social Anthropology - Grades 9 - 12 - Course prepares students to take the International Baccalaureate Social Anthropology exams at either the Subsidiary or Higher level. The courses aim to create an awareness of underlying patterns and causes of social relationships and systems, preconceptions and assumptions within the social environment, and the use of ethnographic data in creating models, drawing inferences, and making comparisons.		18				
2780	Philosophy - Grades 9 - 12 - Course provides an introduction to the discipline of philosophy as an analysis of the principles underlying conduct, thought, knowledge, and the nature of the universe. Course content typically includes examination of the major philosophers and their writings.	9-12					
2781	Topics in Philosophy - Grades 9 - 12 - Course examines a specific topic in philosophy, such as culture and society or the individual in society, rather than providing an overview of the field of sociology.						

2782	Modern Intellectual History – Elective - Grades 9 - 12 - Course provides an historical overview of modern intellectual movements, generally drawing from different disciplines such as political science, economics, and philosophy.	9-12				
2783	IB Philosophy - Grades 9 - 12 - Course prepares students to take the International Baccalaureate Philosophy exams at either the Subsidiary or Higher levels. These courses challenge students to reflect on and question the bases of knowledge and experience, to develop a personal mode of thought, to formulate rational arguments, and to use language to examine several conceptual themes in a thoughtful, philosophical manner.		1B			
2785	IB Organization Studies - Grades 9 - 12 - Course prepares students to take the International Baccalaureate Organization Studies exams at either the Subsidiary or Higher levels. These IB courses provide a broad introduction to the principles and practices of enterprises engaged in 5 producing, distributing, and exchanging goods and services in a variety of economic frameworks. Management styles and structures, decision making methods, methods for accounting, planning, and communication are a sample of topics explored within these courses.		18			
2786	Social Science Research - Grades 9 - 12 - Course emphasizes the methods of social science research, including statistics and experimental design.					

2787	AP Human Geography Grades 11 - 12 - Course introduces students to the systematic study of patterns and process that have shaped human understanding, use, and alteration of the Earth's surface. Students will employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. Methods and tools geographer's use in their science and practice will also be taught. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.		АР				
2796	Social Sciences and History-Independent Study - Grades 9 - 12 - Course, often conducted with instructors as mentors, enable students to explore topics of interest within one of the fields of social studies.	9-12					
2797	Financial Literacy - Social Studies - Offered for Students in Grades 9 - 12 - Course provides an understanding of the concepts and principles involved in managing one's personal finances. Topics may include saving and investing, credit and debt, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. An overview of the American economy may be provided. This course would fulfill the requirement as the required elective for Financial Literacy passed in the 2007 legislative session.						
2799	Social Sciences and History - Grades 5 - 12 - Other. Typically used with advanced dual credit topics. This course code may be reported for middle school or high school students if an appropriate SOCIAL STUDIES course code is unavailable.	5-12					

2802	Special Resources - Course provides students with educational services and resources as needed. Reinforcement of any content area may be offered with the use of specific materials or teaching techniques through group instruction or individual tutorial assistance.	K-12	Special Education				
2803	Community Living - Course places a special emphasis on the student's relationship to the surrounding community. Instruction varies with the students and their needs and IEP's; however, these courses provide the skills necessary for independent functioning within the surrounding environment. Course topics may include available community resources and how to access them; emergency skills; and independent living strategies.		Special Education				
2804	Mobility Instruction - Course, individualized according to each student's condition and needs, are designed to improve a student's ability to move about and communicate within their surrounding communities (school, neighborhood, workplace, and city or town). The student may be exposed to and assisted in several types of situation to improve the student's mobility and increase the available response options.		Special Education				
2805	Communication Instruction - Course, like Mobility Instruction courses, are typically individualized according to each student's condition and needs. Increasing the students communication skills-oral expression, listening comprehension, reading, and writing-is emphasized; communication techniques in several areas (educational, social, and vocational) may be explored.		Special Education				

2806	Social Development Instruction - Course teaches students the social skills needed for independent functioning within the community. Topics may include self-control, self-expression, obeying rules, decision making, appropriate situational behavior, and how to interact with others and maintain relationships. Students may develop independence, self-confidence, and self-reliance.		Special Education				
2807	Transition - Course designed for students who are in the process of moving from self-contained to mainstream education, Transition courses aim to ease that passage using tutoring, seminars on coping skills, personal counseling, and so on.		Special Education				
2808	Work Study - Course includes all work experience options described in IEP's. Work sites may be on or off campus and the work may result in stipends or wages.	7-12	Special Education				
2899	Special Education – Other:	K-12	Special Education				

3001	Football - Recommended for Grades 7 - 12 - Course that provides instruction and development of skills in football.	7-12				
3002	Cross-Country - Recommended for Grades 7 - 12 - Course that provides instruction and development of skills in cross-country.					
3003	Volleyball - Recommended for Grades 7 - 12 - Course that provides instruction and development of skills in volleyball.	7-12				
3004	Basketball - Recommended for Grades 7 - 12 - Course that provides instruction and development of skills in basketball.					

3005	Soccer - Recommended for Grades 7 - 12 - Course that provides instruction and development of skills in soccer.	7-12				
3006	Wrestling - Recommended for Grades 7 - 12 - Course that provides instruction and development of skills in wrestling.					
3007	Swimming and Diving - Recommended for Grades 7 - 12 - Course that provides instruction and development of skills in swimming and diving.					
3008	Tennis - Recommended for Grades 7 - 12 - Course that provides instruction and development of skills in tennis.					

3009	Track and Field - Recommended for Grades 7 - 12 - Course that provides instruction and development of skills in track and field.	7-12				
3010	Baseball - Recommended for Grades 7 - 12 - Course that provides instruction and development of skills in baseball.					
3012	Softball - Recommended for Grades 7 - 12 - Course that provides instruction and development of skills in softball.					
3014	Golf - Recommended for Grades 7 - 12 - Course that provides instruction and development of skills in golf.					

3016	Weightlifting/Weight Training - Recommended for Grades 7 - 12 - Course that provides instruction and development of skills with free-weights and weight machines.	7-12				
3020	Fitness/Conditioning Activities - Recommended for Grades 7 - 12 - Course that provides instruction and development of skills in physical fitness.					
3025	Athletic Training - Recommended for Grades 7 - 12 - Course that provides instruction and skill development in techniques of athletic training. A teacher of athletics training classes needs two (2) licenses: a K-12 or secondary license AND an Athletic Trainer's License issued by the Athletic Trainer's Board in the Regulation and Licensing Department.	7-12				
3026	Team Sports – Grades 7-12 - Course that provides instruction and development of skills in team sports as selected by the local school.	7-12				

3027	Individual Sports – Grades 7-12 - Course that provides instruction and development of skills in individual sports as selected by the local school.						
	in individual sports as selected by the local school.						
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3099	Athletics - Recommended for Grades 7 - 12 - Other.	1					
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0002	Second Grade						
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0003	Third Grade						
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		2		Elementary			
		3		Elementary			
0004	Fourth Grade						
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0005	Fifth Grade						
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0006	Sixth Grade - if taught in an elementary classroom setting						
		6	Elementary				
0007	Seventh Grade - if taught in an elementary classroom setting						
		7	Elementary				
0008	Eight Grade - if taught in an elementary classroom setting						
		8	Elementary				
0033	3 year old - Special Education						
		Deek	Canada Ed. 17				
		PreK	Special Education				

0034	Preschool - 3 & 4 year olds NOT special education	PreK	Preschool			
0035	Preschool Non-Certified Teacher (Only to be used for preschool students who are in a school district's Head Start or FACE (Family and Children Education) program. Not to be used for students who are in a NMPREK, Title I PreK or 3Y/4Y Special Ed. program due to licensing requirements.)		Preschool			
0044	4 year old - Special Education	PreK	Special Education			
ОКЗР	K-3 Plus	K-3	Special Cooleanon			