

Programs of Study Required Coursework

For each program of study below, students must complete **THREE courses in sequence with a GPA of at least 3.0** in order for a program of study to be used as a demonstration of competency. Courses are listed below in their appropriate sequence.

Content Area	Program of Study	Course Code	Course Name
Mathematics	Accounting	0207	Accounting
		0210	Advanced Accounting
		0212	Cost Accounting
		Dual Credit or 2060	Dual Credit in Accounting AP Statistics
Science	Animal Systems	0133	Intro to the Science of Ag
Reading		0161	Science of Large Ag Animals
		0162	Science of Small Animals
		0164	Veterinary Science
Mathematics	Cisco Networking Academy	0340	IT Essentials
Science		0323	Computer Science/Programming
		0341	CCNA Routing and Switching Part 1
		0342	CCNA Routing and Switching Part 2
Mathematics	Clean Energy	1678	Clean Energy Systems
Science		1679	Clean Energy Applications
		1680	Clean Energy Strategies
		1681	Clean Energy Innovations
Mathematics	Computer Science and Cybersecurity	0344	Computer Science Essentials
Science		0345 or 0336	Computer Science Principles
		0346 or 0327	Computer Science A
		0347	Cybersecurity
Social Studies	Emergency & Fire Management Services	2501	Exploration of Public Service Careers
		2503	Community Protection
		2523	Fire Fighting
		Dual Credit or 1517	Dual Credit in EMT EMT Basic
Science	Environmental Service Systems	0133	Intro to the Science of Ag
Reading		0134	Intro to the Physical Science of Ag
		0136	Applied Science in Agriculture
		0181	Environmental Science/Natural Resources
Science	Facility & Mobile Equipment	0912	Auto Technologies
		0920	Auto Tech 2
		0921	Auto Tech 3
		Dual Credit	Dual Credit in Auto Tech

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Social Studies	Family & Community Services	0550	Child Development
		1501	Health Care Occupations Career Explorations
		2501	Exploration of Public Service Careers
		Dual Credit or 2773	Dual Credit in Social Services AP Psychology
Mathematics	General Management	0221	Introductory Business
Social Studies		0226	General Business
		0225	Financial Services
		Dual Credit or 2060	Dual Credit in Business Management AP Statistics
Mathematics	GenYES Program	0320	Computer Technology Assistant I
Science		0321	Computer Technology Assistant II
		0322	Computer Technology Assistant III
		0336	AP Computer Science Principles
Social Studies	Law Enforcement Services	2501	Exploration of Public Service Careers
		2503	Community Protection
		2513	Criminal Justice Assisting
		Dual Credit	Dual Credit in Criminal Justice
Mathematics	Management & Administration	0221	Introductory Business
		0207	Accounting
		2029 or 2060	Probability & Statistics AP Statistics
		Dual Credit	Dual Credit in Business Management
Writing	Marketing Management	1802	Principles of Marketing
		1850	Business Communications
		1022	Technical Writing
		Dual Credit	Dual Credit in Marketing
Mathematics	NCCER Core Curriculum	0480	Introduction to Craft Skills
		0481	Carpentry Level 1
		0482	Carpentry Level 2
		0483	Carpentry Level 3
Mathematics	Oracle Academy Database Design & Programming	0314	Database Foundations
Science		0330	Database Design and Programming
		0331	Database Programming with SQL
		0394	Application Development Foundations

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Science	Production	2414	Welding 1
		2416	Welding 2
		2417	Welding 3
		Dual Credit	Dual Credit in Precision Metal Works
Social Studies	Production & Managerial Art	1189	Business of Arts, Media & Entertainment
		1172	Film and Digital Media
		1176	Film and Digital Media II
		Dual Credit	Dual Credit in the Production & Managerial Arts
Science	Project Lead the Way Engineering	1615	Introduction to Engineering Design
		1617	Principles of Engineering
		[0183, 1616, 1618, 1619, or 1621] or 1739	Project Lead the Way Course AP Physics 1
		1620 or 1740	Engineering Design and Development AP Physics 2
Science	Project Lead the Way Bio Medical Science	1660	Principles of Biomedical Sciences
		1661	Human Body Systems
		1662 or 1550	Medical Interventions Medical Anatomy & Physiology
		1664	BioMedical Innovations
Social Studies	ProStart	0504	Nutrition
		0532	ProStart I
		0533	ProStart II
		Dual Credit or 0539	Dual Credit in Culinary Arts ProStart Internship
Mathematics	Science & Mathematics	1626	Emergent Technologies
Science		1783	Scientific Technology
		1739	AP Physics 1
		2039	Fractal Mathematics
Science	SREB Advanced Careers Health Informatics	1560	Data and Use
		1561	Transforming Data into Information
		1562	Transforming Information into Knowledge
		1563	Problems and Solutions
Science	SREB Advanced Careers Engineering & Technology	1670	Nature of Science and Technology
		1671	Core Applications of Science and Technology
		1672	Impacts of Science and Technology
		1673	Creativity and Innovations

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Mathematics	SREB Aeronautics	1674	Fundamentals of Aerospace Technology
		1675	Advanced Aerospace Technology
1676		Aeronautics Engineering Applications	
1677		Astronautics Engineering Applications	
Science	Teaching/Training	0550	Child Development
Social Studies		0562	Teacher Academy 1
		0563	Teacher Academy 2
Reading		Dual Credit or 0597	Dual Credit: Introduction to Teaching & Practicum Teaching and Practicum