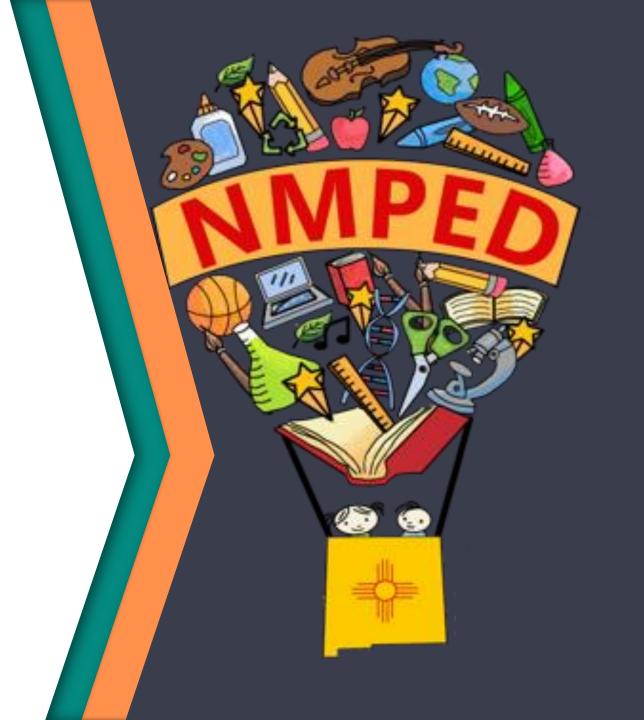
NMPED College & Career Readiness is NEW MEXICO Trae

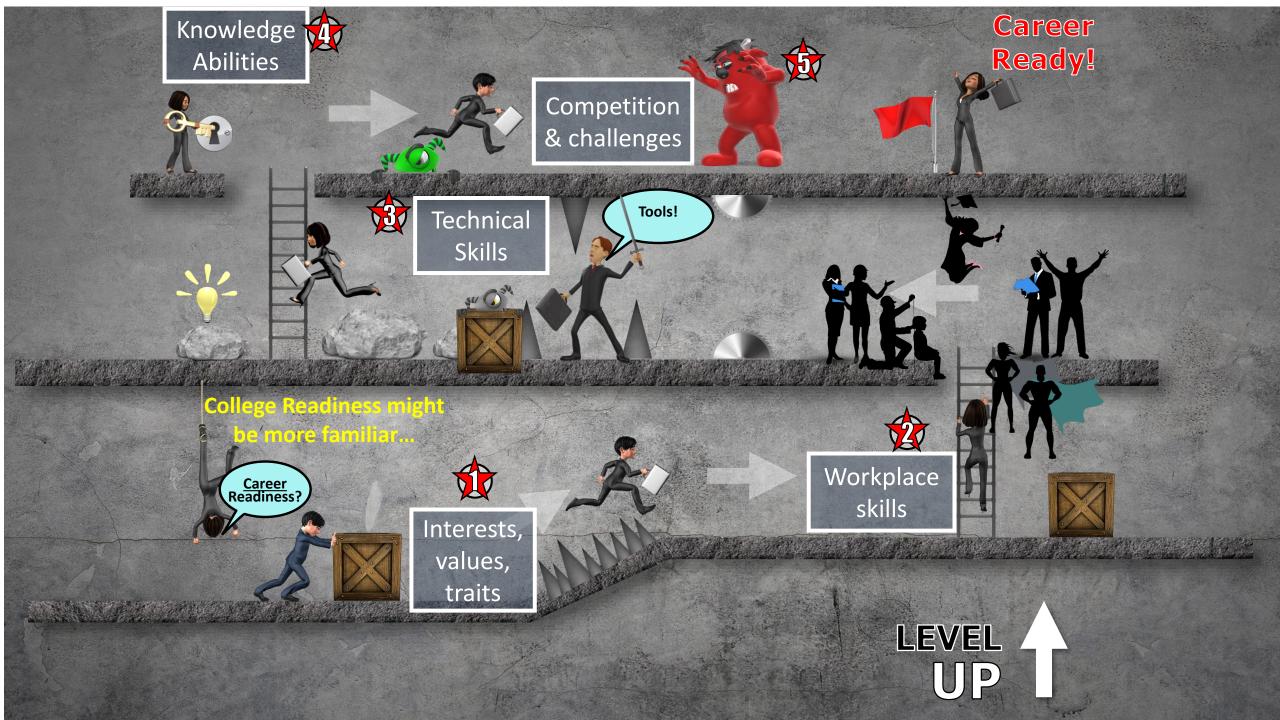
What is Career Readiness?

Elaine Perea, PhD

Director
College & Career Readiness Bureau

Investing for tomorrow, delivering today.







- Accelerated Learning
 - Advanced Placement
 - Dual Credit
 - Early College
- Connections to Work
- Counselors & Advisors

- Career & Technical Education
 - Funded Programs
 - Career Clusters
- Graduation Requirements
- Next Step Plan
- FAFSA















College & Career Readiness Vision/Mission

















All NM high school students graduate & are career ready.

Graduates will have:

- the <u>academic skills</u> needed to succeed in postsecondary studies,
- the <u>employability skills</u> that are essential in any career area, and
- <u>awareness</u> of the next steps in their career path.

What does it mean to be College & Career Ready?













A College & Career Readiness Definition

















A student is college and career ready when he or she has attained the knowledge, skills, and disposition needed to succeed in credit-bearing (non-remedial) postsecondary coursework or a workforce training program in order to earn the credentials necessary to qualify for a meaningful career aligned to his or her goals and offering a competitive salary

(National Forum on Education Statistics)

Career Clusters Framework® Standards: Common Career Technical Core











































Content "practices"

















Mathematical Practices

ELA Anchor Standards

Science & Engineering Practices



NM Career Ready Practices







1. Act as a responsible and contributing citizen & employee.



2. Apply appropriate academic & technical skills.



3. Attend to personal health & financial well-being.



4. Communicate clearly & effectively and with reason.



5. Consider the environmental, social & economic impacts of decisions.



6. Demonstrate creativity & innovation.





NM Career Ready Practices







7. Employ valid & reliable research strategies.



8. Utilize critical thinking to make sense of problems & persevere in solving them.



9. Model integrity, ethical leadership & effective management.



10. Plan education & career paths aligned to personal goals.



11. Use technology to enhance productivity.



12. Work productively in teams while using cultural global competence.

Specific Career (Occupation) Readiness?



























Career Readiness (Handout):



1. O*NET Online



2. Career Solutions (NM DWS)



3. Career Clusters Guide



4. Career Pathways-NM







O*NET OnLine https://www.onetonline.org/

v ()

Browse by O*NET Data:

v (0)

Military

Bright Outlook

















SEARCH BY:

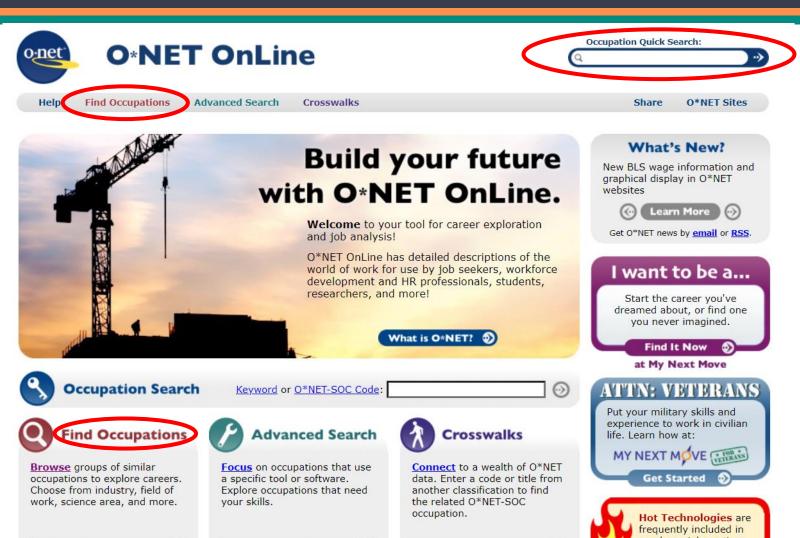
Bright Outlook

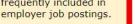
Career Cluster

Job Zone

(education)







Learn More

v (9)

O*NET OnLine

















Browse Bright Outlook Occupations



Bright Outlook occupations are expected to grow rapidly in the next several years, or will have large numbers of job openings.



Rapid Growth Save Table (XLS/CSV)

These occupations are projected to grow faster than average (employment increase of 5% or more) over the period 2019-2029 for the US nationwide.

Sort by:	Code	Occupation ▼
	49-9081.00	Wind Turbine Service Technicians Service Technicians
	43-5111.00	Weighers, Measurers, Checkers, and Samplers, Recordkeeping
	15-1254.00	Web Developers 🌼
	15-1255.00	Web and Digital Interface Designers
	15-1299.01	Web Administrators •
	11-9121.02	Water Resource Specialists 🌼
	15-1255.01	Video Game Designers 🌼
	29-2056.00	Veterinary Technologists and Technicians
	31-9096.00	Veterinary Assistants and Laboratory Animal Caretakers

O*NET OnLine

















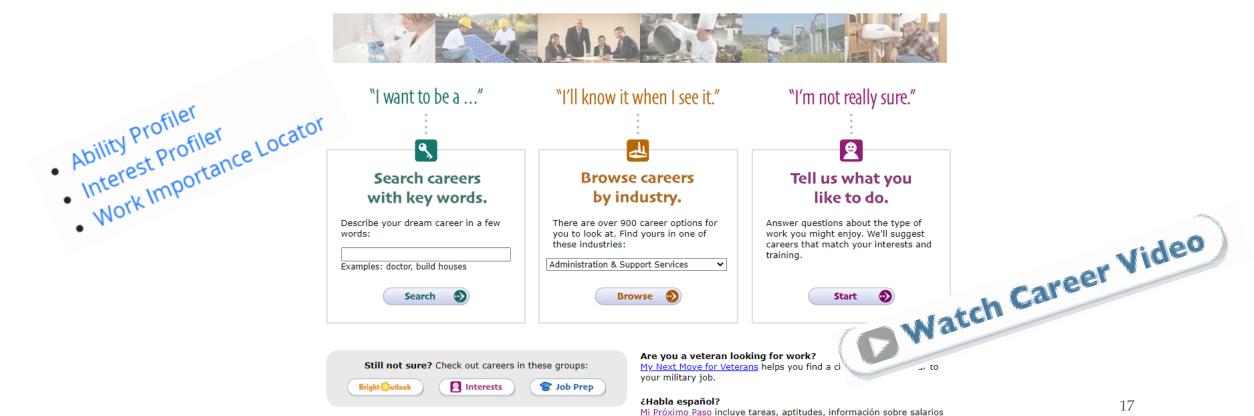
- Tasks
- Technology Skills
- Technology Tools Used
- Knowledge
- Skills
- Abilities
- Education
- Credentials

- Interests
- Work Activities
- Work Context
- Work Styles
- Work Values
- Wages & Employment Trends
- Job Openings
- Sources for additional information

O*NET OnLine (student resources)



What do you want to do for a living?



v más de 900 carreras diferentes.

NM DWS Career Solutions https://www.nmcareersolutions.com/





















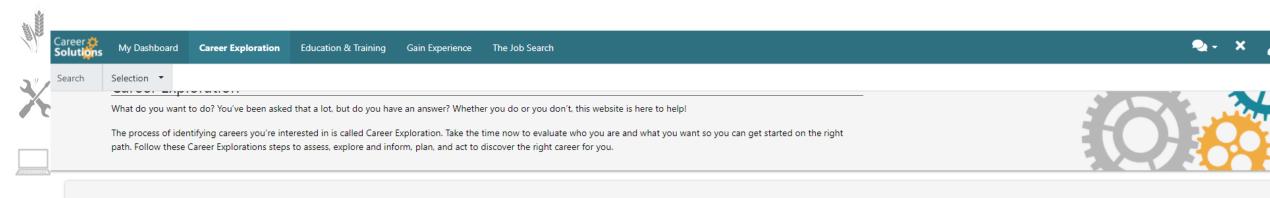
Getting Started

The process of identifying careers you're interested in is called career exploration. Take the time now to evaluate who you are and what you want so you can get started on the right path.





NM DWS - Career Solutions



CAREER EXPLORATION











1

GET STARTED

Take the first step in exploring careers by thinking about the things you're interested in and enjoy doing. Fill out the **Career Exploration Worksheet** to get things going. Keep an open mind about what motivates and inspires you and what you're good at. Your non-work experiences are as valuable as anything else, so tap into all of your activities and interests.



Career Exploration Worksheet

Work Interests Assessment

Work Values Assessment

Why I Work 🗹

Occupation Finder

Compare Occupations

Occupation Library





NM DWS -Why I Work

















WHY I WORK

Why I Work is a budget tool that shows you how much money you need to make to afford the things you want and need. Whether you're looking for a new job, making long-term career choices, or both, knowing how much money you need to earn is very important in making employment and career decisions that are right for you. Here's how it works:

Step 1:

Choose the city that you want to live in.

Step 2:

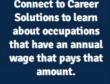
Choose the items that you want and need.

Step 3:

We'll add up your spending and show you how much you need to earn to cover your expenses.

Step 4:

Connect to Career Solutions to learn about occupations that have an annual wage that pays that





NM DWS -Why I Work













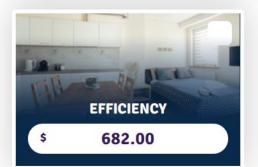




HOUSING

Choose only one or enter your own amount.

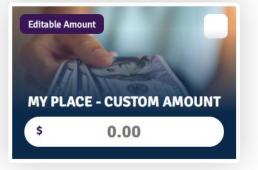












NM DWS - Internships







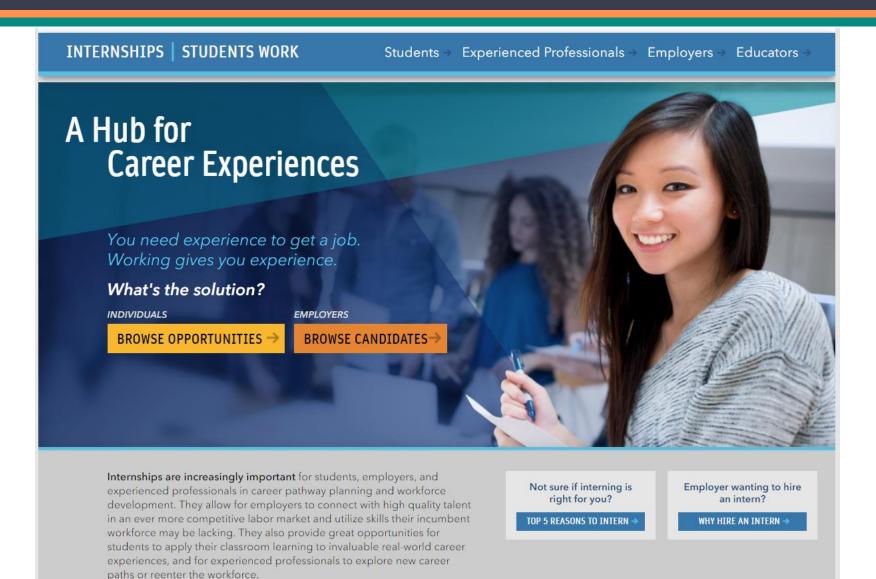












Career Clusters Guide



Interest Profiler/Inventory



Career Clusters & Pathways



Matrix (interests/pathways)



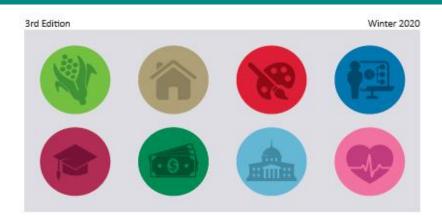




https://webnew.ped. state.nm.us/bureaus/collegecareer-readiness/counselorsand-advisors/career-clusters/



Spanish edition available soon









16 Career Clusters

- Career Research
- Core Skills
- Occupations in Pathways
- Selected Careers
 - Job Description
 - Annual Average Openings
 - NM Entry & Median Wage
 - Minimum Education
 - Interest
- Certifications
- CTSOs
- Recommended 4th Year Math
- Postsecondary programs, degrees, colleges
- Common Career Technical Core
- Programs of Study (Course Sequences)

CCG-Interest Inventory

















Work Activity	Like	Dislike	Unsure
Do volunteer work at a non-profit organization			
Teach children how to play sports			
Start your own business	{{{{}}}	{{{{}}}}	$\langle \langle \langle \checkmark \langle \checkmark \rangle \rangle \rangle$
Negotiate business contracts	55555555		555555555
Keep shipping and receiving records			
Calculate the wages of employees	$\approx \approx$		
Test the quality of parts before shipment			
Repair and install locks			
Develop a way to better predict the weather			
Work in a biology lab			
Write scripts for movies or television shows			
Perform jazz or tap dance			

Interest Profiler



















People with Realistic interests like work activities that include practical, hands-on problems and solutions. They enjoy dealing with plants, animals, and real-world materials like wood, tools, and machinery. They often enjoy outside work. Often people with Realistic interests do not like occupations that mainly involve doing paperwork or working closely with others. Famous realists: NASCAR driver Danica Patrick, TV carpenter Norm Abram, wildlife expert Steve Irwin, and multi-talented athlete Jim Thorpe.



Investigative - The "Thinkers"

People with Investigative interests like work activities that have to do with ideas and thinking more than with physical activity. They prefer to search for facts and figure out problems mentally rather than to persuade or lead people. Prominent investigators: astrophysicist Neil deGrasse Tyson, primatologist Jane Goodall, mathematician/computer scientist Grace Murray Hopper, and neuroscientist Ben Carson.



Artistic - The "Creators"

People with Artistic interests like work activities that deal with the artistic side of things, such as forms, designs, and patterns. They like self-expression in their work. They prefer settings where work can be done without following a clear set of rules. Well-known artists: painter/sculptor Leonardo da Vinci, actress Halle Berry, writer J.K. Rowling, and singers Lady Gaga and Tony Bennett.



Social – The "Helpers"

People with Social interests like work activities that assist others and promote learning and personal development. They prefer to communicate more than to work with objects, machines, or data. They like to teach, give advice, help, or otherwise be of service to people. Famous helpers: educator Booker T. Washington, mental health care reformer Dorothea Dix, TV psychologist Phil McGraw, and civil rights leader Martin Luther King Jr.



People with Enterprising interests like work activities that have to do with starting up and carrying out projects, especially business ventures. They like persuading and leading people and making decisions. They enjoy taking risks for profit. These people prefer action rather than thought. Prominent persuaders: TV mogul Oprah Winfrey, business magnate Donald Trump, U.S. Senator Marco Rubio, and Facebook co-founder Mark Zuckerberg.



E Conventional – The "Organizers"

People with Conventional interests follow procedures and maintain accurate written and numerical business records. They prefer working in structured settings where roles and tasks are clearly defined. Well-known organizers: businessman J.C. Penney, Supreme Court Justice Sandra Day O'Connor, and professional organizer Alejandra Costello.

CCG-Selected Careers

*	For the most up-to-date information, visit careerpathways-nm.com, and watch career videos: mynextmove.org or careeronestop.org					
					ob Description	
74 24	Mechanical Engineers	• Engineeri	ng & Technology	Perform engineering duties in planning and designing tools, engines, machines, and other mechanically functioning equipment. Oversee installation, operation, maintenance, and repair of equipment such as centralized heat, gas, water, and steam systems.		
	Annual Average Openings	NM Entry Annual Wage ²	NM Media Annual Wa		Interest ⁴	
	100	\$79,990	\$114,420	High	I, R and C	
•	Occupation	Postsecondary Program Name	NM Postsecondary School			
	Mechanical	BS - Mechanical	New Mexico	Institute of Mining and Technology;	New Mexico State University;	

Engineers

Engineering

University of New Mexico

CCG-Course Sequences (Programs)

	Program	Middle School Exploration	Introduction Course Options	Concentration Course Options	Capstone Completion Course Options	
X	Aerospace Engineering - SREB	1603 Career Exploration	1674 Aerospace Engineering-AC	1675 Advanced Aerospace Technology-AC	1677 Astronautics Engineering Applications-AC	
	5.1.25			1676 Aeronautics Engineering Applications-AC	1699 Technology Education- Dual Credit	
					1606 Work Experience	
34	Clean Energy Technology - SREB	1603 Career Exploration	1678 Clean Energy Systems-AC	1679 Clean Energy Applications-AC 1680 Clean Energy Strategies-AC	1681 Clean Energy Innovations-AC	
					1699 Technology Education- Dual Credit	
					1606 Work Experience	
I	Engineering - PLTW	1602 Gateway to Technology-PLTW	1615 Introduction to Engineering Design	1617 Principles of Engineering-PLTW 1616 Digital Electronics-PLTW	1620 Engineering Design/Development-PLTW	
\triangle		(or other PLTW MS courses that are part of GTT)		1621 Aerospace Engineering-PLTW	1739 AP Physics 1	
					1740 AP Physics 2	
		0. 0,			1699 Technology Education- Dual Credit	
					1606 Work Experience	



Order Career Clusters Guide













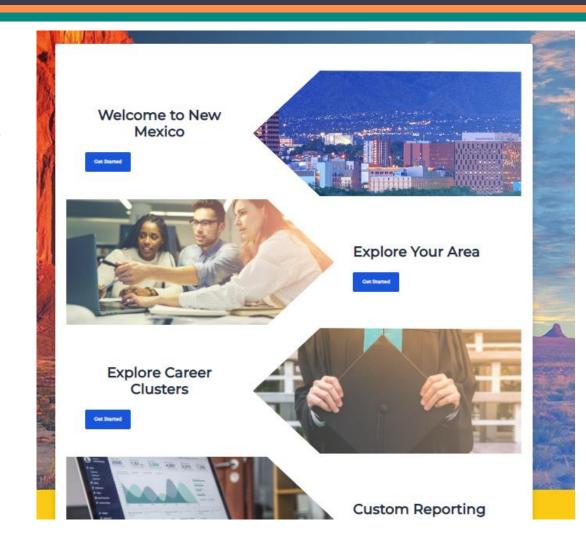




Include plan for use of Career Clusters Guides:

https://webnew.ped.state.nm.us/bureaus/ college-career-readiness/counselors-andadvisors/career-clusters/

Career Pathways-NM http://www.careerpathways-nm.com/











New Mexico Career Clusters Guide Book New Mexico Career Solutions

Career Counselors NM

RESOURCES AND GUIDES

HOW TO USE THE SYSTEM

The New Mexico Career Pathways System is divided into two main sections: 1) Explore Your Area and 2) Explore Career Clusters. Each section presents specific information related to local labor market exploration.

















 the <u>employability skills</u> that are essential in any career area, and



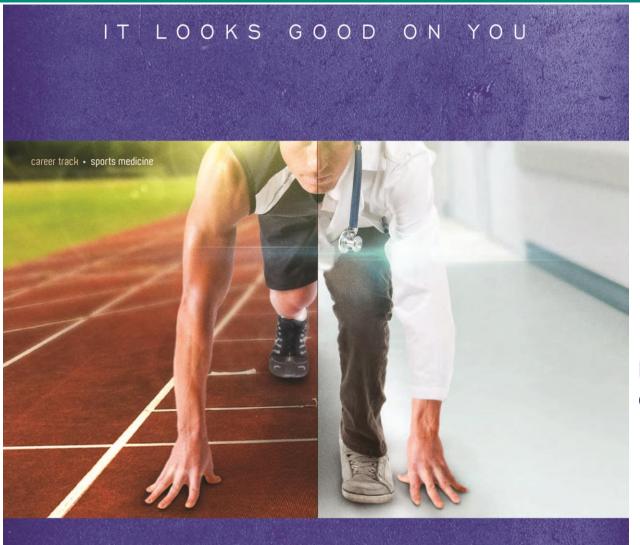
<u>awareness</u> of the next steps in their career path.







Career Readiness



Elaine.Perea@state.nm.us

https://webnew.ped.state.nm.us/ bureaus/college-career-readiness/