Career Clusters and Sub-Clusters

Improving Society

Education

Early Childhood Development
Education Administration & Leadership
Learner Support & Community
Engagement
Teaching, Training, & Facilitation

■ Healthcare & Human Services

Behavioral & Mental Health
Biotechnology Research & Development
Community & Social Services
Health Data & Administration
Personal Care Services
Physical Health

■ Public Service & Safety

Emergency Response
Judicial Systems
Local, State, & Federal Services
Military & National Security
Public Safety

Building & Moving

Advanced Manufacturing

Engineering Industrial Machinery Production & Automation Robotics Safety & Quality Assurance

■ Construction

Architecture & Civil Engineering Construction Planning & Development Equipment Operation & Maintenance Skilled Trades

■ Supply Chain & Transportation

Air & Space Transportation Ground & Rail Transportation Maintenance & Repair Marine Transportation Planning & Logistics Purchasing & Warehousing

Cultivating Resources

Agriculture

Agribusiness
Agricultural Technology & Automation
Animal Systems
Food Science & Processing

Plant Systems

Water Systems

■ Energy & Natural Resources

Clean & Alternative Energy
Conservation & Land Management
Ecological Research & Development
Environmental Protection
Resource Extraction
Utilities

Creating & Experiencing

Arts, Entertainment, & Design

Design & Digital Arts
Fashion & Interiors
Fine Arts
Lighting & Sound Technology
Media Production & Broadcasting

■ Hospitality, Events, & Tourism

Performing Arts

Accommodations
Conferences & Events
Culinary & Food Services
Travel & Leisure

Investing in the Future

Financial Services

Accounting
Banking & Credit
Financial Strategy & Investments
Insurance
Real Estate

Cross-Cutting Sectors

Careers that overlap in ALL industries, highlighting the versatile and interconnected nature of today's workforce.

■ Digital Technology

Data Science & Al
IT Support & Services
Network Systems & Cybersecurity
Software Solutions
Unmanned Vehicle Technology
Web & Cloud

■ Management & Entrepreneurship

Business Information Management Entrepreneurship & Small Business Leadership & Operations Project Management Regulation

■ Marketing & Sales

Marketing & Advertising Market Research, Analytics, & Ethics Retail & Customer Experience Strategic Sales

Construction

P2C Demo County Schools Region Name List of Counties Included

Job Zone 1 Some May Require a High School Diploma	Job Zone 2 Most Require a High School Diploma	Job Zone 3 Most Require a Certificate or Associate's Degree	Job Zone 4 Most Require a Bachelor's Degree	Job Zone 5 Most Require a Master's or Doctorate Degree
Logging Equipment Operators Annual Openings = 18 Median Wage = \$44,378	★Operating Engineers and Other Construction Equipment Operators Annual Openings = 24 Median Wage = \$45,712	★Maintenance and Repair Workers, General Annual Openings = 110 Median Wage = \$44,862	★Cost Estimators Annual Openings = 9 Median Wage = \$62,685	Architectural and Engineering Managers Annual Openings = *** Median Wage = \$125,889
Cement Masons and Concrete Finishers Annual Openings = 15 Median Wage = \$44,340	★Carpenters Annual Openings = 22 Median Wage = \$46,644	★Electricians Annual Openings = 56 Median Wage = \$50,339	★Civil Engineers Annual Openings = 7 Median Wage = \$81,126	Engineers, All Other Annual Openings = *** Median Wage = \$84,514
Painting, Coating, and Decorating Workers Annual Openings = 5 Median Wage = \$37,326	★Paving, Surfacing, and Tamping Equipment Operators Annual Openings = 13 Median Wage = \$46,535	★Maintenance Workers, Machinery Annual Openings = 42 Median Wage = \$60,324	Construction Managers Annual Openings = 22 Median Wage = \$82,264	Architects, Except Landscape and Naval Annual Openings = *** Median Wage = \$65,190
Few occupations require the education level of this zone.	★Millwrights Annual Openings = 6 Median Wage = \$55,416	★First-Line Supervisors of Mechanics, Installers, and Repairers Annual Openings = 38 Median Wage = \$70,983	Surveyors Annual Openings = *** Median Wage = \$45,760	Few occupations require the education level of this zone.
	Construction Laborers Annual Openings = 85 Median Wage = \$37,797	★ Heating, Air Conditioning, and Refrigeration Mechanics and Installers Annual Openings = 36 Median Wage = \$44,219	Few occupations require the education level of this zone.	

Regional Career Opportunities - Listed by High-Value then Highest Projected Demand

Source: U.S. Bureau of Labor Statistics



[🖈] High-Value occupations are defined as those with positive annual growth and having a median wage above that of the state (\$43,820).

^{***} Indicates no median wage data or no annual openings data available for this occupation in this region.

Construction

Regional High School Requirements and Programs

Yr	English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Other Courses
9th	English I (Honors Option)	Alge bra I	Lab Science	World History		Lifetime Wellness (Gym/Classroom)		
10th	English II (Honors Option)	Geometry	Biology	Government and Economics	Spanish I	PE or Sport/Band	Fine Art Credit	Computer Science Personal Finance
11th	English III (Honors/DE Option)	Alge bra II	Chemistry	US History (DE Option)	Spanish II	·		
12th	English IV (AP/DE option)	4 th Math Course						

Yr	Construction
9th	DE Residential & Commercial Construction I (TCAT)
10th	DE Residential & Commercial Construction II (TCAT)
11th	DE Residential & Commercial Construction III (TCAT)
12th	

R	ecommended Electives
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Regional Postsecondary Schools						
Certificates and	Bachelor's and					
Associate's Degrees	Advanced Degrees					
Community Colleges	Colleges and Universities					
Central Heights College of	 State University State College of Applied					
Applied Technology	Technology University of Western Valley					

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA

Bachelor's Degree

Advanced Degree

Electrician Helper	General Construction	Carpenter	Plumber Helper	***
Architecture	Interior Architecture	Construction Science & Management	Business Administration	***
Dual Masters Architecture and Landscape Architecture	Civil Engineer	***	***	***

^{***} Few regional occupations in this career cluster require education at this degree level.

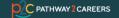
Healthcare & Human Services

P2C Demo County Schools Region Name List of Counties Included

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Few occupations require the education level of this zone.	Home Health and Personal Care Aides Annual Openings = 446 Median Wage = \$27,686	★Licensed Practical and Licensed Vocational Nurses Annual Openings = 162 Median Wage = \$47,045	★Medical and Health Services Managers Annual Openings = 53 Median Wage = \$95,880	★Registered Nurses Annual Openings = 236 Median Wage = \$65,216
	Cooks, Institution and Cafeteria Annual Openings = 91 Median Wage = \$29,809	★Physical Therapist Assistants Annual Openings = 29 Median Wage = \$56,675	★Child, Family, and School Social Workers Annual Openings = 17 Median Wage = \$48,564	★Healthcare Social Workers Annual Openings = 47 Median Wage = \$58,484
	Medical Secretaries and Administrative Assistants Annual Openings = 78 Median Wage = \$35,567	★Radiologic Technologists and Technicians Annual Openings = 16 Median Wage = \$59,991	★Social and Community Service Managers Annual Openings = 11 Median Wage = \$76,097	★Nurse Practitioners Annual Openings = 37 Median Wage = \$106,158
	Veterinary Assistants and Laboratory Animal Caretakers Annual Openings = 14 Median Wage = ***	★Healthcare Support Workers, All Other Annual Openings = 13 Median Wage = \$50,419	★Community Health Workers Annual Openings = 7 Median Wage = \$48,211	★Clinical Laboratory Technologists and Technicians Annual Openings = 33 Median Wage = \$60,159
	Funeral Attendants Annual Openings = 11 Median Wage = ***	★Dental Hygienists Annual Openings = 11 Median Wage = \$72,099	Rehabilitation Counselors Annual Openings = 33 Median Wage = \$35,744	★Educational, Guidance, and Career Counselors and Advisors Annual Openings = 19 Median Wage = \$50,093

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

Source: U.S. Bureau of Labor Statistics



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Healthcare & Human Services

Regional High School Requirements and Programs

Yr	English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Other Courses
9th	English I (Honors Option)	Alge bra I	Lab Science	World History		Lifetime Wellness (Gym/Classroom)		Computer Science
10th	English II (Honors Option)	Geometry	Biology	Government and Economics	Spanish I	PE or Sport/Band	Fine Art Credit	Personal Finance
11th	English III (Honors/DE Option)	Algebra II	Chemistry	US History (DE Option)	Spanish II			Medical Terminology (DE)
12th	English IV (AP/DE option)	4 th Math Course						,

Yr	Nursing Services	Therapeutic Services	Sports & Human Performance	Diagnostics Services	Emergency Services
9th	Health Science Education	Health Science Education	Health Science Education	Health Science Education	Health Science Education
10th	A&P TCAT DE or Medical Therapeutics	A&P TCAT DE or Medical Therapeutics	A&P TCAT DE or Rehab Careers	A&P TCAT DE or Diagnostic Medicine	A&P TCAT DE or Medical Therapeutics
11th	A&P TCAT DE or Medical Therapeutics	A&P TCAT DE or Medical Therapeutics	A&P TCAT DE or Rehab Careers or Medical Therapeutics	A&P TCAT DE or Diagnostic Medicine	A&P TCAT DE or Medical Therapeutics
12th	Nursing Education	Clinical Internship	Clinical Internship	Clinical Internship	Emergency Medical Services

Regional Postsecondary Schools						
Certificates and Bachelor's and Associate's Degrees Advanced Degrees						
Community Colleges	Colleges and Universities					
Regional College of	State University					
Applied Technology	Summit University					
Western Valley	Northfield University					
Community College	Central Heights University					
	Lakeshore Institute of Technology					

Postsecondary Programs / Majors for Occupations in this Career Cluster

2	Certificate or AA	
>	Bachelor's Degree	
2	Advanced Degree	

Nursing	Medial / Clinical Assistant	Licensed Practical / Vocational Nursing	Pharmacy Technician	Dental Assistant
Medical / Clinical Laboratory Science	Bioengineering	Recreational Therapy	***	***
Healthcare Administration	Family Nurse Practitioner	Doctor of Medicine	Doctor of Pharmacy	Physical Therapy

^{***} Few regional occupations in this career cluster require education at this degree level.

