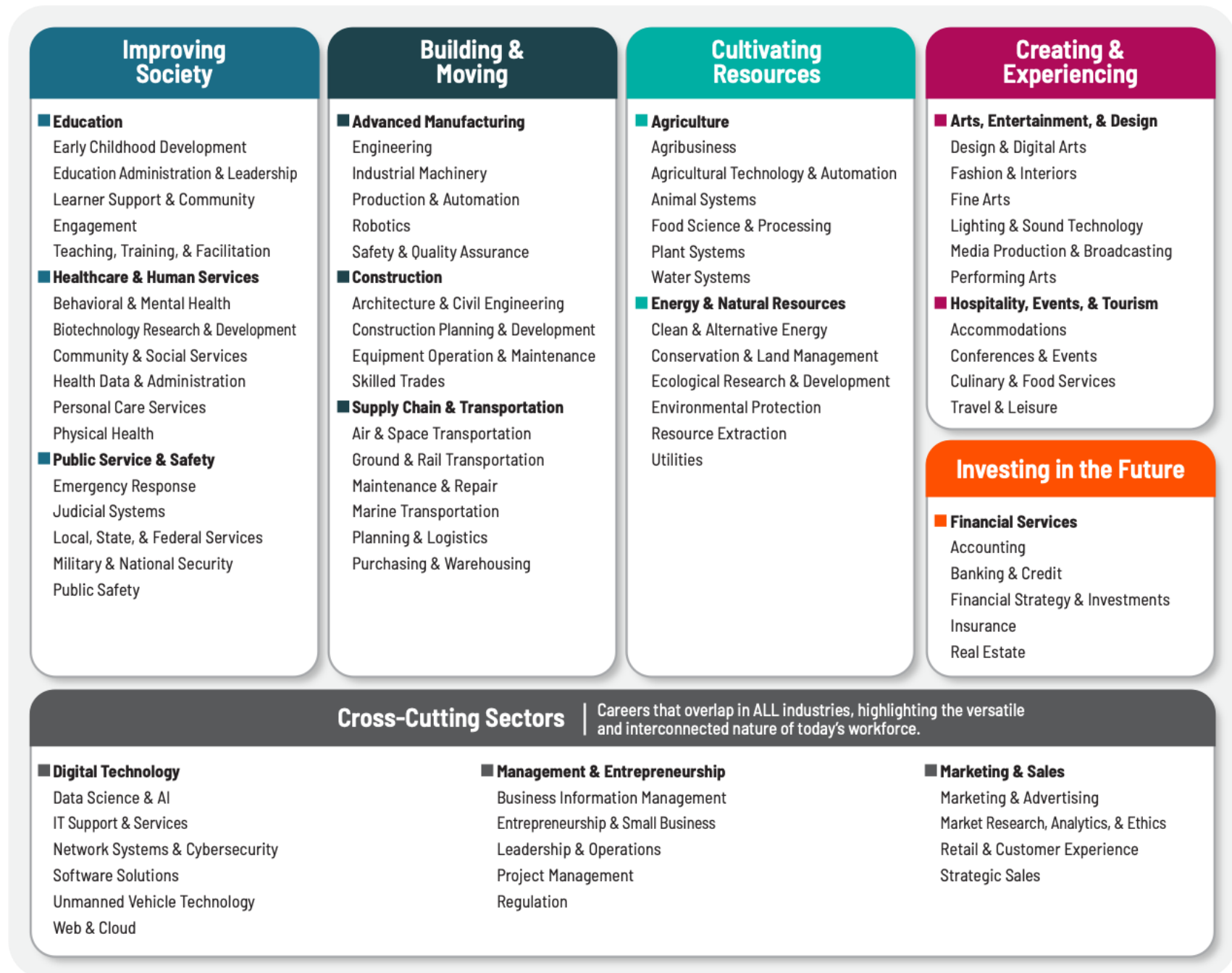


# Career Clusters and Sub-Clusters



# 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
<b>Logging Equipment Operators</b> Annual Openings = 18 Median Wage = \$44,378	★ <b>Operating Engineers and Other Construction Equipment Operators</b> Annual Openings = 24 Median Wage = \$45,712	★ <b>Maintenance and Repair Workers, General</b> Annual Openings = 110 Median Wage = \$44,862	★ <b>Cost Estimators</b> Annual Openings = 9 Median Wage = \$62,685	<b>Architectural and Engineering Managers</b> Annual Openings = *** Median Wage = \$125,889
<b>Cement Masons and Concrete Finishers</b> Annual Openings = 15 Median Wage = \$44,340	★ <b>Carpenters</b> Annual Openings = 22 Median Wage = \$46,644	★ <b>Electricians</b> Annual Openings = 56 Median Wage = \$50,339	★ <b>Civil Engineers</b> Annual Openings = 7 Median Wage = \$81,126	<b>Engineers, All Other</b> Annual Openings = *** Median Wage = \$84,514
<b>Painting, Coating, and Decorating Workers</b> Annual Openings = 5 Median Wage = \$37,326	★ <b>Paving, Surfacing, and Tamping Equipment Operators</b> Annual Openings = 13 Median Wage = \$46,535	★ <b>Maintenance Workers, Machinery</b> Annual Openings = 42 Median Wage = \$60,324	<b>Construction Managers</b> Annual Openings = 22 Median Wage = \$82,264	<b>Architects, Except Landscape and Naval</b> Annual Openings = *** Median Wage = \$65,190
Few occupations require the education level of this zone.	★ <b>Millwrights</b> Annual Openings = 6 Median Wage = \$55,416	★ <b>First-Line Supervisors of Mechanics, Installers, and Repairers</b> Annual Openings = 38 Median Wage = \$70,983	<b>Surveyors</b> Annual Openings = *** Median Wage = \$45,760	Few occupations require the education level of this zone.
	<b>Construction Laborers</b> Annual Openings = 85 Median Wage = \$37,797	★ <b>Heating, Air Conditioning, and Refrigeration Mechanics and Installers</b> 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**

★ 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.

Source: U.S. Bureau of Labor Statistics

# 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)	Algebra I	Lab Science	World History	-----	Lifetime Wellness (Gym/Classroom)	Fine Art Credit	Computer Science  Personal Finance
10th	English II (Honors Option)	Geometry	Biology	Government and Economics	Spanish I	PE or Sport/Band		
11th	English III (Honors/DE Option)	Algebra II	Chemistry	US History (DE Option)	Spanish II	-----		
12th	English IV (AP/DE option)	4 <sup>th</sup> Math Course	-----	-----	-----	-----		

Yr	Construction	Recommended Electives	Regional Postsecondary Schools	
9th	DE Residential & Commercial Construction I (TCAT)	<input type="checkbox"/> _____	<b>Certificates and Associate's Degrees</b>	<b>Bachelor's and Advanced Degrees</b>
10th	DE Residential & Commercial Construction II (TCAT)	<input type="checkbox"/> _____	<b>Community Colleges</b> <ul style="list-style-type: none"> <li>Central Heights College of Applied Technology</li> </ul>	<b>Colleges and Universities</b> <ul style="list-style-type: none"> <li>State University</li> <li>State College of Applied Technology</li> <li>University of Western Valley</li> </ul>
11th	DE Residential & Commercial Construction III (TCAT)	<input type="checkbox"/> _____		
12th		<input type="checkbox"/> _____		

## Postsecondary Programs / Majors for Occupations in this Career Cluster

<b>Certificate or AA</b>	Electrician Helper	General Construction	Carpenter	Plumber Helper	***
<b>Bachelor's Degree</b>	Architecture	Interior Architecture	Construction Science & Management	Business Administration	***
<b>Advanced Degree</b>	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

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

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

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

Source: U.S. Bureau of Labor Statistics

# Healthcare & Human Services

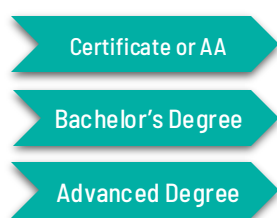
Regional High School Requirements and Programs

Yr	English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Other Courses
9th	English I (Honors Option)	Algebra I	Lab Science	World History	-----	Lifetime Wellness (Gym/Classroom)	Fine Art Credit	Computer Science
10th	English II (Honors Option)	Geometry	Biology	Government and Economics	Spanish I	PE or Sport/Band		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 <sup>th</sup> 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 Associate's Degrees	Bachelor's and Advanced Degrees
<b>Community Colleges</b> <ul style="list-style-type: none"> <li>Regional College of Applied Technology</li> <li>Western Valley Community College</li> </ul>	<b>Colleges and Universities</b> <ul style="list-style-type: none"> <li>State University</li> <li>Summit University</li> <li>Northfield University</li> <li>Central Heights University</li> <li>Lakeshore Institute of Technology</li> </ul>

## Postsecondary Programs / Majors for Occupations in this Career Cluster



Nursing	Medical / 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.