



ALL ARE LEARNING &
LEARNING IS FOR ALL



CAREER & TECHNICAL EDUCATION (CTE)

Programs

Find your passion
Gain real-world skills
Explore career options
Build your network

WHAT IS CTE?

CTE programs use 21st century technology to support students in acquiring technical skills, professional practices, and academic knowledge critical for career success in high-wage, in-demand careers.

Students in CTE and their parents are more than

2x

more likely to report they are very satisfied with their education compared to those not involved in CTE

-Advance CTE

Hands-on learning is life-long learning

CTE helps students discover their passion and inspires life-long learning through hands-on skill development.

CTE students have:

- Higher graduation rates
- Higher employment rates
- Higher enrollment in postsecondary schools

+\$19,000

Nationally, CTE grads make \$19k more per year than college grads with associates degrees.

-Career and Technical Education

CTE at Medford School District

- Take classes that apply academic subjects in hands-on ways
- Explore careers in high-demand, high-wage fields in middle and high school.
- Identify a career goal
- Make connections and build networks with peers, educators and mentors.
- Earn tuition-free college credits as well as high school credits required for graduation
- Become a leader by participating in CTSO skills competitions and community service
- Pursue a rigorous Program of Study to a registered apprenticeship, industry certification, and/or two- and four-year college options.



The following occupation categories and wage ranges provided by Rogue Careers are generally dependent on education degree, training, and experience.

Higher levels of education and experience will increase competitiveness in attaining both a job and higher wages.

Agriculture

AT INNOVATION ACADEMY

\$34,000

Average Annual
Entry-Level Wage

\$53,000

Average Annual
High Wage

Is this a fit for you?

A job in Agriculture is perfect for students who love to work with plants and animals or those who have a passion and aptitude for caring for the outdoors. Agriculture is also a good fit for students interested in careers as teachers, doctors, veterinarians, biologists, chemists, geologists, scientists, engineers, conservationists, farmers, and business owners.

Job Outlook

Agricultural employment in the Rogue Valley is projected to grow 4% by 2033.

Pay

The median annual wage for Agricultural Technicians is \$45,016. Farm Equipment Mechanics make an average of \$68,122 a year. Agricultural Sales Representatives can earn over \$85,000 a year.

Education Required

Typical entry-level education is high school diploma or equivalent.

	HS Diploma	Community College	University
Farm Equipment Service Techs			
Agricultural Technicians			
Agricultural Sales Representatives			



FFA provides students with the opportunity to compete on a state and national level, exercise leadership, and further prepare for a career in agriculture. Contact your Agriculture teacher for Information about how to join.

Automotive

AT NORTH & SOUTH MEDFORD HIGH SCHOOLS

\$35,500

Average Annual
Entry-Level Wage

\$76,000

Average Annual
High Wage

Is this a fit for you?

Automotive is a good pathway for students who love cars or those who have a passion and aptitude for figuring out what's wrong with something and fixing it.

Job Outlook

Automotive employment in the Rogue Valley is projected to grow 7% by 2033.

Pay

The median annual wage for car salespeople in the Rogue Valley is \$35,891. Automotive Service Technicians and Mechanics make \$49,336, and First-Line Supervisors of Mechanics, Installers, and Repairers earn an average of \$79,780. Automotive Sales Managers make over \$100,000 a year.

Education Required

Typical entry-level education is high school diploma or equivalent.

	HS Diploma	Community College	University
Retail Salespeople	■		
First-Line Supervisors of Mechanics	■		
Sales Managers	■	■	■



SkillsUSA provides students with the opportunity to compete on a state and national level, exercise leadership, and further prepare for a career in the field. Contact your Automotive teacher for information about how to join.

Computer Science

AT NORTH MEDFORD HIGH SCHOOL

\$43,000

Average Annual Entry-Level Wage

\$105,300

Average Annual High Wage

Is this a fit for you?

A job in Data and Computer Science is a good fit for students who have a passion for computers! Students who have an aptitude for critical thinking and problem solving would also benefit from this pathway. This pathway requires attention to detail and long hours in front of a computer screen.

Job Outlook

Rogue Valley employment in Data and Computer Science is projected to grow 8% by 2033.

Pay

The median annual wage for Computer User Support Specialists was \$54,321. Computer Programmers earn \$76,845 a year. Computer and Information Systems Managers make an average salary of \$136,111.

Education Required

Typical entry-level education is an Associate's Degree.

	HS Diploma	Community College	University
Computer User Support Specialists			
Computer Programmers			
Information Systems Managers			

Construction

AT NORTH & SOUTH MEDFORD HIGH SCHOOLS

\$48,300

Average Annual
Entry-Level Wage

\$116,000

Average Annual
High Wage

Is this a fit for you?

A career in construction is great for someone who enjoys working with their hands, being outdoors, thrives in a dynamic environment, likes to see tangible results of their work, is comfortable with physical labor, and appreciates the opportunity to learn new skills and advance their career through practical experience.

Job Outlook

Rogue Valley employment in the Construction industry is projected to grow 16% by 2033.

Pay

In the Rogue Valley, Construction Laborers make an average of \$45,698 a year. Carpenters make \$54,770, and Civil Engineers can earn over \$115,000.

Education Required

Typical entry-level education is high school diploma or equivalent.

	HS Diploma	Community College	University
Construction Laborers			
Carpenters			
Civil Engineers			



SkillsUSA provides students with the opportunity to compete on a state and national level, exercise leadership, and further prepare for a career in the field. Contact your Construction teacher for information about how to join.

Culinary Arts

AT NORTH & SOUTH MEDFORD HIGH SCHOOLS

\$41,000

Average Annual
Entry-Level Wage

\$74,000

Average Annual
High Wage

Is this a fit for you?

Culinary is a good pathway for students who enjoy cooking, nutrition, and being creative. It could also be a good choice for students who are interested in the helping fields such as working in hospitals, assisted living facilities, or as direct support professionals for people with disabilities. Many of these jobs do not require a college education.

Job Outlook

Rogue Valley Culinary employment is projected to grow 7% by 2033.

Pay

The median annual wage for cooks is \$37,825. First-Line Supervisors of Food Preparation and Serving Workers make \$40,505. Chefs and Head Cooks earn an average of \$55,327 a year.

Education Required

Typical entry-level education is high school diploma or equivalent.

	HS Diploma	Community College	University
Cooks			
Restaurant Managers			
Chefs & Head Cooks			

Early Childhood Education & Pre-Education

AT NORTH & SOUTH MEDFORD HIGH SCHOOLS

\$32,800

Average Annual Entry-Level Wage

\$77,000

Average Annual High Wage

Is this a fit for you?

This is a good pathway for students who enjoy learning and who love working with children. This is also a great pathway for students interested in careers in pediatric healthcare such as pediatric occupational therapy, pediatric physical therapy, and pediatric speech language pathology.

Job Outlook

Overall employment is projected to grow 2% by 2033.

Pay

The median annual wage in the Rogue Valley for Child Care Workers is \$33,943. Preschool and Daycare Education and Childcare Administrators make \$46,653. Elementary School Teachers earn an average of \$77,175 per year.

Education Required

Typical entry-level education is high school diploma or equivalent.

	HS Diploma	Community College	University
Child Care Worker	■		
Childcare Administrators	■	■	
Elementary School Teachers	■	■	■



SkillsUSA provides students with the opportunity to compete on a state and national level, exercise leadership, and further prepare for a career in the field. Contact your Education teacher for information about how to join.

Emergency Services Management

AT SOUTH MEDFORD HIGH SCHOOL

\$48,000

Average Annual Entry-Level Wage

\$115,000

Average Annual High Wage

Is this a fit for you?

A job in Emergency Services Management is a good fit for students who have strong analytical and leadership skills, are detail-oriented, enjoy working with diverse teams, and are passionate about public safety and community well-being. Related fields are disaster preparedness and relief, homeland security, public health, and crisis management.

Job Outlook

Overall employment is projected to grow 14% by 2033.

Pay

In the Rogue Valley, the average annual wage for Social and Human Service Assistants is \$44,849. Emergency Medical Technicians earn \$47,678 a year. Emergency Managers can make over \$100,000 per year.

Education Required

Typical entry-level education is high school diploma or equivalent.

	HS Diploma	Community College	University
Human Service Assistants			
EMTs			
Emergency Managers			



SkillsUSA provides students with the opportunity to compete on a state and national level, exercise leadership, and further prepare for a career in the field. Contact your Emergency Services Management teacher for information about how to join.

Engineering

AT SOUTH MEDFORD HIGH SCHOOL

\$62,000

Average Annual
Entry-Level Wage

\$123,000

Average Annual
High Wage

Is this a fit for you?

This is a good pathway for students who enjoy math, science, critical thinking, problem solving, and inventing. Students who appreciate processes or creativity will also enjoy this pathway. Engineers design everything from computers and buildings to watches and websites.

Job Outlook

Overall employment is projected to grow 9% by 2033.

Pay

The average annual wage for Mechanical Engineers is \$85,528. Civil Engineers make an average of \$94,178, and Architectural and Engineering Managers make over \$150,000 a year.

Education Required

Typical entry-level education is a Bachelor of Science.

	HS Diploma	Community College	University
Mechanical Engineers			
Civil Engineers			
Engineering Managers			



SkillsUSA provides students with the opportunity to compete on a state and national level, exercise leadership, and further prepare for a career in the field. Contact your Engineering teacher for information about how to join.

Health Sciences

AT NORTH & SOUTH MEDFORD HIGH SCHOOLS

\$34,500

Average Annual Entry-Level Wage

\$222,400

Average Annual High Wage

Is this a fit for you?

A Health Sciences degree is a good fit for students who are interested in science and healthcare, have a desire to help others, want a variety of career options within the medical field, are adaptable to change, and enjoy continuous learning; particularly those considering careers like nursing, research, healthcare administration, or public health.

Job Outlook

Overall employment is projected to grow 12% by 2033.

Pay

The Rogue Valley average salary for a Phlebotomist is \$46,461. Medical Assistants here make \$48,002 a year, Registered Nurses make an average of \$110,902, and a Family Medicine Physicians make \$200,795.

Education Required

Typical entry-level education is high school diploma or equivalent.

	HS Diploma	Community College	University
Phlebotomist	■		
Medical Assistant	■	■	
Registered Nurse	■	■	■



HOSA provides students with the opportunity to compete on a state and national level, exercise leadership, and further prepare for a career. Contact your Health Sciences teacher for information about how to join.

Manufacturing

AT NORTH & SOUTH MEDFORD HIGH SCHOOLS

\$31,800

Average Annual Entry-Level Wage

\$92,100

Average Annual High Wage

Is this a fit for you?

A job in manufacturing is great for someone who is handy, precise, and flexible in their approach to work. For students interested in a career in assembly, fabrication, production, engineering, maintenance, logistics, management, administration, metalworking, tool and die making, painting, operations, quality control, processing and more.

Job Outlook

Overall employment of Industrial Machinery Mechanics, Machinery Maintenance Workers, and Millwrights is projected to grow 5% by 2033.

Pay

The median annual wage for industrial machinery mechanics, machinery maintenance workers, and millwrights was \$61,170. Average for all manufacturing positions is \$69,200. Industrial Production Managers and Engineers earn \$100,000 or more per year.

Education Required

Typical entry-level education is high school diploma or equivalent.

	HS Diploma	Community College	University
Welders	■		
Millwrights	■	■	
Engineers	■	■	■



SkillsUSA provides students with the opportunity to compete on a state and national level, exercise leadership, and further prepare for a career in the field. Contact your Manufacturing teacher for information about how to join.

Marketing

AT NORTH & SOUTH MEDFORD HIGH SCHOOLS

\$38,000

Average Annual Entry-Level Wage

\$89,000

Average Annual High Wage

Is this a fit for you?

This is a good pathway for students who love researching why people behave in certain ways, persuading others, or creating striking visuals. Those who have a passion and aptitude for inventing new products or services would find this pathway fulfilling. It's a great pathway for students who want to own their own business!

Job Outlook

Overall employment is projected to grow 7% by 2033.

Pay

In the Rogue Valley, the average annual salary for Demonstrators and Product Promoters is \$35,585. Advertising Sales Agents earn \$45,385 and Public Relations Specialists earn \$51,651 a year. Marketing Managers make \$105,608.

Education Required

Typical entry-level education is high school diploma or equivalent.

	HS Diploma	Community College	University
Product Demonstrator	■		
Advertising Sales Agents	■	■	
Marketing Managers	■	■	■



DECA provides students with the opportunity to compete on a state and national level, exercise leadership, and further prepare for a career in the field. Contact your Marketing teacher for information about how to join.

WHAT IS A CTSO?

It's a Career and Technical Student Organization!

CTSOs Support Strong CTE Programs

Assess Classroom Learning

- Students apply the knowledge and skills learned in the classroom to industry situations through activities & competitions

Support 21st Century Skills

- CTSO programs and activities develop 21st Century Skills such as collaboration, communications, critical thinking and creativity

Mentoring Tomorrow's Workforce

- CTSO students learn important skills through business and industry partners who serve as mentors

Enriching Career Opportunities

- CTSO programs and activities provide students a clearer idea about their future career path thus engaging them in their coursework and co-curricular activities



WORK BASED LEARNING



CTE programs incorporate work-based learning experiences to provide students with practical career preparation.

In work-based learning programs, learners can get the experience employers are seeking and gain the skills and credentials they need to enter and succeed in their careers.

The access to “social capital,” via the social networks and connections that work-based learning provides, can open doors and opportunities.

“WBL has been found to increase students’ persistence, graduation, and employment rates, with notable gains for students from underserved racial, ethnic, and socioeconomic backgrounds.”

–National Survey of Student Engagement

Kinds of Work Based Learning

Guest Speaker at School	Workplace Tour	Mock Interview
Job Shadow	Mentorship	Clinical/Internship/Practicum
Cooperative Work Experience	Pre-Apprenticeship	Apprenticeship
Student-run Enterprise	Informational Interviews	Simulated Work Experience