



Career & Technical Education

Community Integration and Program Benefits

Presented by Jason Aase, Dean of CT&E



Apprenticeship

Students completing UCC's Apprenticeship programs are certified as Journeyman by BOLI and for Electricians, licensed through the Building Codes Division. At that time, they are qualified to earn Journeyman wages for their trade, which currently average per hour:

- Millwright \$23.67
- Machinist \$23.21
- Fabricator/Welder \$18.70
- Manufacturing Plant Electrician \$26.35
- Limited Maintenance Electrician \$25.00
- Inside Electrician \$28.25



Apprentice Program Committees and Partnerships

The Apprenticeship Program interacts and serves as a liaison between:

State Agencies

- BOLI
- Building Codes Division

Training Committees & Councils (comprised of Journeyman within the field)

- Douglas Coos Curry Industrial Trade Apprenticeship Training Council
- Roseburg Industrial Electrical Joint Apprenticeship Training Council
- Roseburg Inside Electrical Joint Apprenticeship Training Committee

Local High Schools for Recruitment

Local Businesses as Training Agents, including:

Roseburg Forest Products	Swanson Group	Murphy Plywood
C & D Lumber	Southern Oregon Marine, Inc.	Cow Creek Tribe
DR Johnson Lumber	Umpqua Lumber	Georgia-Pacific Wood Products
Pacific Wood Laminates	Con-Vey Keystone	Nordic Veneer
South Coast Lumber	Great Northern Trailer Works, Inc.	Orenco Systems
CHI Mercy Health	Coquille Valley Hospital	17 Electrical Companies

Automotive

UCC's Automotive program is NATEF (National Automotive Technician Education Foundation) certified, and offers the following degrees and nationally-recognized certifications:

AAS Degrees

- **Automotive Service Technology**
- **Automotive T-Ten**

Certifications

- **T-TEN** – Students completing the T-Ten program are certified to provide recall repairs, service campaigns and warranty repairs for Toyota and Lexus dealerships. This increases their value to the dealership and creates an increase in pay.
- **Snap-On** – Certifications that increases the value of an employee in the automotive technician field
- **Starrett** – This certification builds a foundation for proper precision measurement skills utilized in most aspects of the automotive technician field
- **Mopar CAP-Local** – Adds Chrysler, Jeep and Dodge manufacturer certification to successful NATEF certified degree and certificate graduates. This allows students to complete up to 70% of dealership work.



Automotive Program Committees and Partnerships

Advisory Committees

- **T-TEN (Toyota)** – Consists of representatives from Toyota and individual Toyota dealerships. Local membership includes Frank Mesa, the Fixed Operations Manager for Clint Newell Auto Group
- **MOPAR** – Consists of representatives from FCA (Fiat Chrysler Automobiles) and individual Chrysler/Jeep/Dodge dealerships. Local membership includes Ernie Matamarez, Service Manager and Kirby Gordon, General Manager, both of Lithia of Roseburg
- **Automotive Technology Committee** – Consists of representatives from private industry including local automotive repair shops.

Roseburg High School

- UCC played a role in bringing an automotive program back to RHS. There is an Articulation Agreement in place and plans to offer dual credit to RHS automotive students who meet the requirements. UCC also assists RHS students to achieve certification.



Viticulture & Enology

SOWI offers the following degrees and certificates:

AAS Degree

- **Viticulture & Enology** – Prepares students for employment as production winemaking technicians, vineyard and winery owners, or sales and marketing coordinators

Certifications

- **Wine Marketing Assistant Pathway Certificate** – Prepares students for employment in wine sales and distribution
- **Viticulture Certificate** – Prepares students for employment in the vineyard industry

Credentials

- **Forklift Operator Certificate**
- **Pruners Certification**
- **Loppers Certification**

SOWI Partnerships & Committees

SOWI's 2017 Advisory Committee consists of the following Members:

Andy Swan, SOWI Administrator	Gordon Burns, ETS Laboratories
Elin Miller, Umpqua Vineyards	Jim Delfino, Delfino Vineyards & Winery
Lee Paterson, Retired	Wes Crawford, Sutherlin High School
Dave Sabala, Douglas Electric	Linda Donovan, Pallet Wine Company
Steve Renquist, OSU Extension	James Osborne, Oregon State University
Earl Jones, Abacela Winery	Scott Henry, Henry Wine Estate
John Pratt, Rogue Valley Winegrowers Assoc	

In May 2017, SOWI partnered with several businesses and researchers from Oregon State University to conduct a seminar on Emerging Vineyard and Winery Technologies

Andy Swan, SOWI Administrator, regularly attends meetings and industry events held by the following groups:

- Umpqua Valley Winegrowers Association
- Rogue Valley Winegrowers Association
- Southern Oregon Wineries Association

Nursing

UCC partners with 16 other colleges through the Oregon Consortium for Nursing Education (OCNE) which shares common prerequisites and admission standards.

Students have the option of:

- Completing the Associate of Applied Science degree
- Taking the Registered Nurse licensure exam
- Continuing directly to OHSU senior level coursework required for the Bachelor of Science degree through the Portland campus or online/distance delivery.



With the distance option, UCC nursing students can complete coursework for the BS in Nursing without leaving Douglas County.

Current programs include:

- **Nursing Assistant 1** – This program benefits students by allowing them to gain quick entry into the medical field
- **Practical Nurse** – A one year program, PN grads earn a fair wage and many return to “bridge” into the RN program
- **Registered Nurse** -- A two year program, RNs have higher levels of both responsibility and wage

All three of these programs have a high demand for graduates with excellent job placement rates in our community.



Nursing Program Partnerships

The UCC Nursing Program has many affiliation partnerships within the local medical community, including:

Accent on Women's Health	Adapt	Amedysis Home Health
Asante	Bay Area Hospital	Bridgewood Rivers
Brookdale	Community Cancer Center	Cow Creek Health & Wellness
DaVita	DCIPA	Evergreen Family Medicine/Urgent Care
Family Development Center	Lower Umpqua Hospital	McKenzie Willamette
Mercy Medical Center	Oregon Health & Science University	PeaceHealth (Sacred Heart)
Riverview Terrace	Rose Haven	Umpqua Community Health Center
Umpqua Homes for the Handicapped	Umpqua Valley Nursing & Rehabilitation Center	Veteran's Affairs Roseburg Healthcare System
Wolf Creek Job Corps		

Engineering ∴ Forestry

Computer Science ∴ Computer Information Systems

These programs offer the following degrees and transfer opportunities, which align with transfer Universities:

Engineering Transfer

- Engineering, AS
- Surveying & Geomatics, AS

Forestry Transfer

- Forest Engineering, AS
- Forest Management, AS
- Forest Operations, AS
- Forest Landscape Monitoring, AS

Engineering Technology

- Civil Engineering & Surveying, AAS

Computer Science, Transfer

- Computer Science, AS

Computer Information System Technology

- Computer Information Systems, AAS
- Cybersecurity **NEW**, AAS



Certificates, Pathways and Employment

Computer Information System Technology

- Cisco Networking Support Technician
- Microsoft Networking Support Technician
- Server Administrator
- Microsoft Office Technologist
- Junior Database Administrator
- Junior Programmer
- Junior Web Developer

Engineering Technology

- Engineering & Drafting Technician
- Drafting
- Geographic Information System
- Surveying
- Water Quality
- Occupational Skills Training

Some advantages of certificate programs include:

- Educational pathway between high schools and UCC
- Opportunity for skill based training for existing employees. Example: GIS certificate provides skills needed today for many working professionals - supervisor for Winston Dillard Water District took the GIS courses.
- Ideal for occupational training, where pathways certificate is combined with 6 months of cooperative work experience (CWE) through UCC. Example: Winston-Green hire of student as wastewater plant operator who was enrolled for Water Quality Certificate. Occupational training certificates have close to 80% job placement.
- Stand alone certificate for job placement. Example: Orenco hire of certificate student as Engineering/Drafting Tech
- Completion. Students that do not finish 2-year degree can still complete with certificate

Committees and Community Outreach

Programs coordinate closely with local agencies, business and industry to invite UCC Advisory Committee participation and to align with local training needs, including:

- US Forest Service
- US Bureau of Land Management
- Veteran's Administration
- US Resources Conservation Service
- US Farm Service Agency
- City of Roseburg
- Roseburg Urban Sanitary Authority
- Douglas County Public Works
- Douglas County Surveyor's Office
- Oregon Dept. of Transportation
- Orenco
- ConVey Keystone
- Romtec
- North River Jet Boats
- Lone Rock Timber
- Roseburg Forest Products
- Douglas Timber Operators
- Cow Creek Tribe
- i.e. Engineering
- Pinnacle Western

UCC's Annual "Explore Engineering" event had 60 exhibits and attracted more than 400 Attendees



Job Demand

There is high demand for grads with technology skills. Starting salaries \$18-\$20 hour for two year degrees and \$25-\$50 hour for four year transfer degrees. Currently UCC is close to 100% job placement for graduates

Paralegal and Legal Assistant

98% Success Rate for Job Placement

UCC's Paralegal program has an extremely high success rate for job placement. Graduates are hired by law firms, insurance companies, banks, title companies and government offices.

Starting wages for students with a AAS degree in Paralegal studies is \$14-\$19 per hour.



Community Collaborations Help UCC Meet Needs

UCC's Paralegal Advisory committee is comprised of local attorneys, attorney instructors, program graduates working in the industry and the department chair. The participation of local attorneys and working graduates provides a voice in what future students will learn in the classroom, assuring they will have the skills desired by local employers.



Local attorneys participating in UCC's Paralegal Advisory Committee include:

- Danny Lang, Law Offices of Danny Lang
- Dan McKinney, D.C. Law
- Randy Rubin, Attorney at Law, P.C.
- Derek Simmons, Watkinson Laird Rubenstein, P.C.

Emergency Medical Services

UCC offers an AAS degree in Paramedicine and prepares students to sit for the National/State exams for the following certifications:

- EMR (Emergency Medical Responders)
- EMT (Emergency Medical Technician)
- Advanced EMT
- EMT Intermediate (Oregon license only)
- Paramedic



Community Partnerships

High Schools

- Roseburg High School
- Sutherlin High School
- Douglas High School
- Glide High School
- Phoenix High School
(in process)



Advisory Committee Members

- Dr. Ryan Petersen, Mercy Medical Center
- Chief Rob Bullock, Douglas County Fire District #2
- Tami McVey, Bay Cities Ambulance
- Shirley Pilley, North Douglas County Fire & EMS
- Lesa-Beth Titus, RN, Mercy Medical Center

EMS Affiliation Agreements



- Mercy Medical Center
- Evergreen Family Medicine
- McKenzie Willamette Hospital
- North River Pediatrics
- Bay Cities Ambulance
- Douglas County Fire District #2
- Winston-Dillard Fire
- North Douglas Fire & EMS
- Eugene-Springfield Fire
- South Lane Fire & Rescue
- Sweet Home Fire
- Lebanon Fire

Fire Science

UCC is a Department of Public Safety and Standards (DPSST) accredited agency. This accreditation allows UCC students completing fire science classes to receive State of Oregon certification. Although voluntary, this certification is considered essential to both volunteer service and career employment and advancement.



Degree Programs

UCC offers a two year AAS degree in Fire Science and a transfer opportunity for a four year degree in Fire Science Administration at Western Oregon State or Eastern Oregon State Universities

Wildland Fire Certification

UCC partners to deliver wildland fire certification classes (red card qualification), which is required by both public and private employers in order to work as a wildland firefighter.

Advisory Committee & Community Partnerships

Fires affect everyone in the community and UCC has close partnerships with many local fire districts as well as:

- Douglas Fire Protective Association (DFPA)
- Diamond Fire
- First Strike Environmental
- Bureau of Land Management
- National Wildfire Coordinating Group (NWCG)

UCC's Fire Science Advisory Committee is made up of members of the Umpqua Fire Instructors Association (UFIA)

The Douglas County Fire Chiefs Association assists UCC's Fire Science Program with the scheduling and management of the Fireblast Fire Simulator Trailer

Welding



Certificate Program

UCC offers a one year certificate program which will result in the skills necessary for entry level jobs.

Degree Program

UCC offers a two year AAS degree in Welding, focusing on advanced skills and meeting Industry standards set by the American Welding Society (AWS). Graduates receive a AWS SENSE Level 1 certificate and gain the knowledge to achieve entry-level positions as pipe fitters, pipe welders and fabricators.

Dual Credit for High School Students

High School students can earn up to 14 college credits through participation in UCC's Welding Program.

High schools currently participating are:

- Roseburg High School
- Sutherlin High School
- South Umpqua High School

High Schools on the cusp of participation:

- Riddle High School
- Oakland High School
- Yoncalla High School



Community Partnerships

Cooperative Work Experience

Students engaged in satisfying graduation requirements are also interns at local manufacturing facilities:

- ConVey Kestone
- North River Jet Boats
- FabForm Industries

UCC Welding Students participate in small parts manufacturing through partnerships with North River Jet Boats and FabForm Industries. Additionally, the Welding Program partners to produce kilns for the Umpqua BioChar Education Team (UBET)

Industry Partners

- Miller Electric Manufacturing
- Hobart ITW Manufacturing
- Con-Vey Keystone
- Roseburg Forest Products
- North River Jet Boats
- FabForm Industries
- NorthStar Fabrication
- DBL A Metal Fabrication
- Performance Fabrication

Business

These programs offer the following degrees and transfer opportunities, which align with transfer Universities:

AG Business: Transfer

- Agricultural Business Management, AS

Business Technology

- Entry Management, AAS
- Marketing, AAS
- Business Administration, AS

Office Technology

- Executive Business Assistant, AAS
- Medical Office Administration, AAS



Certificates and Pathways

Business Technology

- Entrepreneurship
- Financial Services
- Hospitality &
Restaurant Management
- Supervision
- WAFC Retail Management

Office Technology

- Front Office Medical Assistant
- Medical Billing & Collections Clerk
- Office Assistant

Committees and Community Outreach

The Business Department has a variety of committees that contain key community and industry leaders who provide direct input into curriculum and program development.

Committees Include:

- Primary Business Advisory Committee
- Medical Office Advisory Committee
- Agriculture Business Advisory Committee
- Statewide RMC Consortium

Members include representatives from:

- Cascade Community Credit Union
- Evergreen Family Medicine
- Associated Buyers
- Napa Auto Parts
- Hawaiian Doggy Style
- Orenco

High School Partnerships

The Business Department partners with local schools on Dual Credit Programs, as FFA Partners and by serving on UCC Business Program Advisory Committees. School Partners include:

- Roseburg High School
- North Douglas High School
- Yoncalla High School
- Elkton High School
- Sutherlin High School
- South Umpqua High School

Pending High School Partner:

- Glide High School



Community Education

UCC's Community Education Program has developed multiple community partnership through it's training relationships, including:

Employment Partners	
South Coast Business Employment Corp. (WIOA)	Southern Oregon Workforce Investment Board (SOWIB)
Umpqua Training and Employment	Oregon Employer Council – Douglas County Chapter

Early Childhood Partners	
Early Learning HUB/Douglas ESD	Head Start
Family Connections	Take Root (Parenting)

Training Partners/Customers		
Oregon Department of Transportation	Mercy Medical Center	Local Trucking Companies
Seven Feathers/Cow Creek Tribe	Evergreen Family Medicine	Local School Districts
Roseburg Forest Products	Southern Oregon Regional Brokers	Local Medical Providers
U of O and OSU	Swanson Group	Local Police/Fire/Municipalities