

Umpqua Community College (Roseburg) Overview of Manufacturing-Related Programs and Career Pathways

Point(s) of Contact	Javier Ayala, Director, C&I; 541-440-4662; Javier.ayala@umpqua.edu. Jaynie Mitchell, Pathways Coord., 541-440-7696; jaynie.mitchell@umpqua.edu
Overview of Manufacturing Program(s)	Current manufacturing related degree-related program is small, with two full-time faculty. The Welding Program is being revamped to align with American Welding Society certification requirements; Electronics/Digital Systems program is Intel-based. The Registered Apprenticeship program at UCC is very strong and positioned to expand.
Approach to Pathways/ Focus of Pathways Grant	UCC is moving towards a holistic approach to Pathways, with a focus on core/foundation skills. The current pathways grant will focus on developing pre-apprenticeship curriculum with industry partners. Strategies include: <ul style="list-style-type: none"> ▪ Development of an “Introduction to Manufacturing” course for high school students as a dual credit opportunity; will also market course to ABS students, apprenticeship applicants (non-incumbent and incumbent workers), and RWIB/OED applicants. ▪ Course will be part of a longer-term effort to create a Pre-Apprenticeship pathways certificate that will align with journey-level standards for electrical and millwright apprenticeships and one-year welding/AWS certification program
Challenges	<ul style="list-style-type: none"> ▪ Overall employment base in major sectors (e.g., wood products) is declining.
Opportunities	<ul style="list-style-type: none"> ▪ Critical skill shortages exist and projected demand is high based on retirements (projected 1900 openings in construction/manufacturing with wages ranging from \$13.27 - \$30.41/hour)
Relationship with Secondary Schools re Manufacturing	Steering committee formed involving UCC, high school Perkins Coordinators, and Douglas Education Service District to oversee programs of study and requirements of Perkins IV, including pathways. South Umpqua High School has been identified as a potential site for the pre-Apprenticeship pilot class; student will be granted college credit and point on their “Inside Electrical” apprenticeship application.
Relationship with WIB and/or Apprenticeship	Initiative supports Goal 1 of RWIB strategic plan; partners will design specific referral process for directing participants into pre-apprenticeship program opportunity. Apprenticeship linkages are strong.
Relationship with Universities re Manufacturing	None currently. Long-term plan to articulate with manufacturing engineering models at the Oregon Institute of Technology.

Manufacturing-Related Pathways Focus (MP) Other Manufacturing-Related Offerings (M)

HS/Perkins Linkages	ABE/ VESL	Pre- Apprentice	Pathways (12-44 hours)	Certificates (45 hours)	Two-Year Degrees	Apprenticeship
_____ MP _____		_____ MP _____	_____ MP _____	_____ M _____	_____ M _____	_____ MP _____