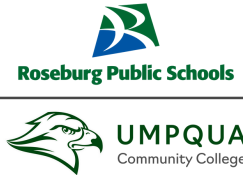


# CAREER PATHWAYS

Grow here. Learn here. Work here.



## Mechatronics

Mechatronics is a multidisciplinary field that refers to the skill sets needed in the contemporary, advanced automated manufacturing industry. At the intersection of mechanics, electronics, and computing, mechatronics specialists create simpler, smarter systems. Mechatronics is an essential foundation for the expected growth in automation and manufacturing. Mechatronics deals with robotics, control systems, and electro-mechanical systems.

### CAREER HIGHLIGHTS

#### JOB TYPES:



**Mechatronics Technician**  
**Field Service Technician**  
**Manufacturing Technician**  
**Controls Technician**

**Robotics Technician**  
**Maintenance Technician**  
**Electromechanical Tech**  
**Automation Technician**



**SALARY RANGE: \$40,520 to \$68,730**

#### LOCAL INDUSTRY:



**Roseburg Forest Products**  
**7 Robotics**  
**Con-Vey**

#### Available Pathway(s)



**Mechatronics Certificate**

**51-52 credits required**

**One year of college coursework**

# Mechatronics Pathways

<b>CERTIFICATE</b>	<b>RHS</b>
<b>Intro to Welding</b>	<b>GRADE 9</b>
<b>Engineering Graphics (WLD140) Intro to Computer Aided Drafting (DRF112) Intermediate Welding 1</b>	<b>GRADE 10</b>
<b>CTE Math (MTH102/103) CAD for Mechanical Design (DRF113)* Intermediate Welding II</b>	<b>GRADE 11</b>
<b>Mechanical Design I/S Psychology</b>	<b>GRADE 12</b>

**Graduate from Roseburg High School and enroll at UCC**

<b>MEC101 Intro to Mechatronics MEC121 Mechanical Components MEC123 Automation Programing I PSY101 Psychology of Human Relations or COM218Z Interpersonal Communication DRF112 Drafting and Design I</b>	<b>YEAR 1 FALL</b>
<b>MTH102 Math for the Trades+ WLD140 Blueprint Reading MEC222 Hydraulics and Pneumatics MEC151 Electricity in Mechatronics</b>	<b>WINTER</b>
<b>ENGR245 Engineering Graphics* MEC118 Preventative Maint MEC225 Automation Programming II WR115 Intro to Expository or WR117 Trades Writing</b>	<b>SPRING</b>



**Mechatronics  
Certificate**