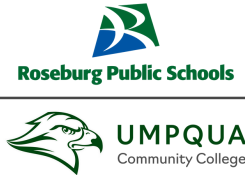


CAREER PATHWAYS

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



Mechatronics Certificate

51-52 credits required

One year of college coursework



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

LOCAL INDUSTRY:



Roseburg Forest Products

7 Robotics

Con-Vey

Mechatronics Pathways

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

Graduate from Roseburg High School and enroll at UCC

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	YEAR 1 FALL
MTH102 Math for the Trades+ WLD140 Blueprint Reading MEC222 Hydraulics and Pneumatics MEC151 Electricity in Mechatronics	WINTER
ENGR245 Engineering Graphics* MEC118 Preventative Maint MEC225 Automation Programming II WR115 Intro to Expository or WR117 Trades Writing	SPRING



**Mechatronics
Certificate**