



# CAREER PATHWAYS

Grow here. Learn here. Work here.



## Welding

The A.A.S. Welding program will help you gain hands-on experience in our state-of-the-art facility to learn the principles of welding, fabrication, production, and piping. The Certificate program is designed to provide study in the areas of general welding and operations. Related occupations for this program certificate would include; boat manufacturing, aerospace and aviation, viticulture and brewing, petrochemical and LNG production. Our programs will prepare you for a growing field with opportunities to have a high-paying career.

## CAREER HIGHLIGHTS

### JOB TYPES:



Welder  
Welding Technician  
Fabricator  
Pipe Fitter

Mill work  
Welder Helper  
Structural Iron Work  
Inspection and Quality Control



**SALARY RANGE:** \$36,960 to 61,290

### LOCAL INDUSTRY:



North River Boats  
Fabform Industries  
Great Northern Trailer  
Whit-Log Tailers

Swanson Group  
Roseburg Forest Products  
Con-Vey Keystone

### AVAILABLE PATHWAY(S)



#### Welding Certificate

**54 - 55 credits required**  
One year of community college



#### Welding AAS Degree

**98 credits required**  
Two years of community college

# Welding Pathways

## CERTIFICATE

## RHS

## ASSOCIATE OF APPLIED SCIENCE DEGREE

Intro to Welding

GRADE 9

Intro to Welding

Engineering Graphics (WLD140)  
Intermediate Welding 1 (WLD101)

GRADE 10

Engineering Graphics (WLD140)  
Intermediate Welding 1 (WLD101)

CTE Math  
Intermediate Welding II (WLD111/112)  
Psychology

GRADE 11

CTE Math (MTH102)  
Intermediate Welding II (WLD111/112)

Advanced Welding (WLD121)  
Speech  
Internship

GRADE 12

Advanced Welding (WLD121)  
Speech  
Internship

Graduate from Roseburg High School and enroll at UCC

COM218Z Interpersonal Communications or PSY101 Psy Hum Relat.  
MFG108 Starrett PMI  
MTH102 Math for the Trades  
WLD101 Welding Processes  
WLD111 Shielded Metal Arc Welding  
WLD131 Basic Metallurgy

YEAR 1  
FALL

MFG108 Starrett PMI  
MTH102 Math for the Trades  
WLD101 Welding Processes  
WLD111 Shielded Metal Arc Welding  
WLD131 Basic Metallurgy

WLD112 Shielded Metal Arc Welding: Mild Steel I  
WLD113 Shielded Metal Arc Welding: Mild Steel II  
WLD114 Shielded Metal Arc Welding: Mild Steel III  
WLD140 Blueprint Reading  
WR117 Writing for the Trades

WINTER

WLD112 Shielded Metal Arc Welding: Mild Steel I  
WLD113 Shielded Metal Arc Welding: Mild Steel II  
WLD114 Shielded Metal Arc Welding: Mild Steel III  
WLD140 Blueprint Reading  
WR117 Writing for the Trades

WLD121 Gas Metal Arc Welding  
WLD122 Gas Metal Arc Welding-Pulse  
WLD141 Flux-COre Arc Welding (Gas Shielded)  
WLD142 Flux-Core Arc Welding (Self Shielded)  
WLD150 Gas Tungsten Arc Welding  
WLD160 Aluminum Arc Welding I

SPRING

WLD121 Gas Metal Arc Welding  
WLD122 Gas Metal Arc Welding-Pulse  
WLD141 Flux-COre Arc Welding (Gas Shielded)  
WLD142 Flux-Core Arc Welding (Self Shielded)  
WLD150 Gas Tungsten Arc Welding



**Welding  
Certificate**

SUMMER

COM218Z Interpersonal Communications

YEAR 2  
FALL

WLD123 Advanced Welding III  
WLD251 Gas Tungsten Arc Welding II  
WLD160 Aluminum Arc Welding I  
WLD261 Aluminum Arc Welding II  
WLD280 CWE: Welding

WINTER

MFG111 Machine Shop I  
WLD124 Advanced Welding IV  
WLD222 Pipe Welding-Fitting I  
WLD252 Gas Tungsten Arc Welding III  
WLD 262 Aluminum Arc Welding III

SPRING

MFG112 Machine Shop II  
WLD161 Welding Problems  
WLD223 Pipe Welding-Fitting II  
WLD240 Blueprint Reading II  
WLD280 CWE: Welding



**Welding  
AAS Degree**