Pitt Community College

Welding Technology Department

2025_26 Associate in Applied Science in Welding Technology

Program Sequence - Length 5 Semester (Approx 65 Credits)

Program Director: Scott Shirley, M/W 114, bsshirley058@my.pittcc.edu, (252) 493-7580

FALL SEMESTER - YEAR 1			
Course Code	**Course Title**	**Credits**	**Notes**
WLD 110	Cutting Processes	2	
WLD 115	SMAW (STICK) Plate	5	
BPR 111	Print Reading	2	
GEN ED	General Education Elective	3	
ACA 1XX	College Success Elective	1	ACA 111 or ACA 122
	Total Recommended Semester Hours	**13**	
SPRING SEMESTER - YEAR 1			
Course Code	**Course Title**	**Credits**	**Notes**
WLD 131	GTAW (TIG) Plate	3	
WLD 121	GMAW (MIG) FCAW/Plate	4	
ISC 1XX	Safety Elective	2 or 3	ISC 112 (NO OSHA 30), ISC 121 (OSHA 30)
GEN ED	General Education Elective	3	Prerequisites may apply
	Total Credits	**12 or 13**	
SUMMER SEMESTER - YEAR 1			
Course Code	**Course Title**	**Credits**	**Notes**
WLD 151	Fabrication I	4	
WLD 116	SMAW (STICK) Plate/Pipe	4	
MEC 1XX	Mechanical Elective	3	
GEN ED	General Education Elective	3	
	Total Credits	**14**	**Basic Welding Certificate C5024001**
FALL SEMESTER - YEAR 2			
Course Code	**Course Title**	**Credits**	**Notes**
WLD 132	GTAW (TIG) Plate/Pipe	3	
WLD 122	GMAW (MIG) Plate/Pipe	3	
GEN ED	General Education Elective	3	Prerequisites may apply
GEN ED	General Education Elective	4	Prerequisites may apply
	Total Credits	**13**	**Intermediate Welding Certificate C5024008**
SPRING SEMESTER - YEAR 2			
Course Code	**Course Title**	**Credits**	**Notes**
WLD 141	Symbols and Specifications	3	
WLD 262	Inspection and Testing	3	
WLD 2XX	Welding Elective	3 or 4	
WLD 215	SMAW (STICK) Pipe	3	
	Total Credits	**12 or 13**	**GTAW, SMAW, and/or GMAW Certificate C5024002,03,04**
	Total Program Credits	**64-66**	**AAS in Welding (A50420)**

General Education Electives:

- ACA College Success Elective - ACA 111 or ACA 122
- Math Electives - MAT 110, MAT 143, MAT 121, or MAT 171
- English or Communication Electives: ENG 111 or ENG 110; followed by ENG 112, COM 110, COM 120 or COM 231
- Fine Arts or Humanities Electives: HUM 110, HUM 115, MUS 110, ART 111, PHI 240
- Social or Behavioral Electives: PSY 150, SOC 210, SOC 213, ECO 251, or ECO 252
- Welding Elective: WLD-231 GTAW (TIG) Pipe, WLD-221 GMAW (MIG) Pipe, WLD-268 Robotic Welding
- Mechanical Electives: MEC 111 (preferred), MEC 172, MEC 180

Internships may be available; Program is transferrable to ECU Bachelor's Degree in Industrial Technology; See Advisor for Information