**WELDING TECHNOLOGY**

**D50420 - Spring Start**

**Replaces Curriculum Schedule with Revision Date:** FA2024      **Date Revised:** FA2025

| | | | | | Hours Per Week | | | Semesters |
| Course No. | | Course Title | Pre-Requisites | Co-Requisites | Class | Lab | Credits | Offered |
|---|---|---|---|---|---|---|---|---|
| **Spring Semester** | | | | | | | | |
| WLD | 110 | Cutting Processes | None | None | 1 | 3 | 2 | FA, SP |
| WLD | 115 | SMAW (Stick) Plate | None | WLD-110 | 2 | 9 | 5 | FA, SP |
| WLD | 121 | GMAW (MIG) FCAW/Plate | None | WLD-110 | 2 | 6 | 4 | FA, SP |
| WLD | 141 | Symbols & Specifications | None | None | 2 | 2 | 3 | FA, SP |
| | | English Elective | | | - | - | 3 | |
| ACA | 115 | Success & Study Skills | None | None | 0 | 2 | 1 | FA, SP |
| | | | | | | | | |
| **Summer Semester** | | | | | | | | |
| WLD | 131 | GTAW (TIG) Plate | WLD 110, WLD 115, WLD 121, WLD 141 | None | 2 | 6 | 4 | SP, SU |
| | | Major Elective | | | - | - | 3 | |
| | | | | | | | | |
| **Fall Semester** | | | | | | | | |
| WLD | 116 | SMAW (Stick) Plate/Pipe | WLD 110, WLD 115, WLD 141 | None | 1 | 9 | 4 | FA, SP, SU |
| WLD | 122 | GMAW (MIG) Plate/Pipe | WLD 110, WLD 115, WLD 121, WLD 141 | None | 1 | 6 | 3 | FA, SP |
| WLD | 261 | Certification Practices | WLD 115, WLD 121, and WLD 131 | | 1 | 3 | 2 | FA, SU |
| ISC | 121 | Envirnomental Health & Safety | None | None | 3 | 0 | 3 | FA, SP, SU |
| | | Math Elective | | | - | - | 3 | |

**Graduation Requirement Credit Hours:**     40

# PROGRAM PLANNING GUIDE

## MAJOR ELECTIVES

| Course No. | | Course Title | | | Hours Per Week | | Credits | Semesters Offered |
|---|---|---|---|---|---|---|---|---|
| | | | | | Class | Lab | | |
| Major Electives | | Credit Hours Needed: 3 | | | | | | |
| BUS | 110 | Introduction to Business | None | None | 3 | 0 | 3 | FA, SP, SU |
| DFT | 151 | CAD I | None | None | 2 | 3 | 3 | FA, SP |
| WBL | 111DM | Work-Based Learning I | 14 program credits hours | None | 0 | 10 | 1 | FA, SP, SU |
| WBL | 112DM | Work-Based Learning I | 14 program credits hours | None | 0 | 20 | 2 | FA, SP, SU |

## ENGLISH ELECTIVES

| Course No. | | Course Title | | | Hours Per Week | | Credits | Semesters Offered |
|---|---|---|---|---|---|---|---|---|
| | | | | | Class | Lab | | |
| Major Electives | | Credit Hours Needed: 3 | | | | | | |
| ENG | 110 | Freshman Composition | ENG 002 (If required) | None | 3 | 0 | 3 | FA, SP, SU |
| ENG | 111 | Writing and Inquiry (University Transfer) | ENG 025 (If required) | ENG 045 (If required) | 3 | 0 | 3 | FA, SP, SU |

## MATH ELECTIVES

| Course No. | | Course Title | | | Hours Per Week | | Credits | Semesters Offered |
|---|---|---|---|---|---|---|---|---|
| | | | | | Class | Lab | | |
| Major Electives | | Credit Hours Needed: 3 | | | | | | |
| MAT | 110 | Math Measurement and Literacy | MAT 003, MAT 010, or MAT 045M (If required) | None | 2 | 2 | 3 | FA, SP, SU |
| MAT | 121 | Algebra/Trigonometry I | MAT 003, MAT 021, MAT 035, or MAT 045A (If required) | None | 2 | 2 | 3 | FA, SP, SU |
| MAT | 171 | Precalculus Algebra (University Transfer) | ENG 002 or ENG 025 (If required) MAT 003, MAT 035, MAT 071, or MAT 045P (If required) | None | 3 | 2 | 4 | FA, SP, SU |

This program planning guide is for advising purposes only and is subject to change.