# FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE

**WELDING TECHNOLOGY/**

**BASIC WELDING TECHNOLOGY CERTIFICATE (C50420H1)**

Effective: Fall 2020

Revised: 02/03/20

This evening certificate program is designed to give individuals the opportunity to acquire fundamental skills in welding. Coursework includes electrode welding and cutting processes and welding symbols and specifications.

Excellent employment opportunities as entry-level welding apprentices in industry, manufacturing and construction exist throughout the region.

Courses in this program can be transferred directly into the Welding Technology diploma program.

Length 2 Semesters

Prerequisite: Placement Test Equivalent

Award: Certificate

**Fall Semester 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| WLD110 | Cutting Processes | 1 | 3 | 0 | 2 |
| WLD115 | SMAW (Stick) Plate | 2 | 9 | 0 | 5 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **3** | **12** | **0** | **7** |

**Spring Semester 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| WLD121 | GMAW (MIG) FCAW/Plate/ | 2 | 6 | 0 | 4 |
| WLD131 | GTAW (TIG) Plate | 2 | 6 | 0 | 4 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **4** | **12** | **0** | **8** |

**TOTAL REQUIRED CREDITS.... 15**

**Work-Based Learning Option:** NA