**FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE**

**WELDING TECHNOLOGY (D50420)**

Effective: Fall 2020

Revised: 02/03/20

Length: 3 Semesters

Prerequisite: High School Diploma, Placement Test Equivalent

Award: Diploma

**Fall Semester 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Work** | **Credit** |
| ACA120 | Career Assessment | 1 | 0 | 0 | 1 |
| PSY118 | Interpersonal Psychology | 3 | 0 | 0 | 3 |
| WLD110 | Cutting Processes | 1 | 3 | 0 | 2 |
| WLD115 | SMAW (Stick) Plate | 2 | 9 | 0 | 5 |
| WLD131 | GTAW (Tig) Plate | 2 | 6 | 0 | 4 |
| WLD141 | Symbols & Specifications | 2 | 2 | 0 | 3 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **10** | **18** | **0** | **18** |

**Spring Semester 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Work** | **Credit** |
| CIS113 | Computer Basics | 0 | 2 | 0 | 1 |
| \*ENG101 | Applied Communications I | 3 | 0 | 0 | 3 |
| or |  |  |  |  |  |
| ENG111 | Writing and Inquiry | 3 | 0 | 0 | 3 |
| WLD116 | SMAW (Stick) Plate/Pipe | 1 | 9 | 0 | 4 |
| WLD121 | GMAW (Mig) FCAW/Plate | 2 | 6 | 0 | 4 |
| WLD132 | GTAW (Tig) Plate/Pipe | 1 | 6 | 0 | 3 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **8** | **21** | **0** | **15** |

**Summer Semester 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Work** | **Credit** |
| WLD151 | Fabrication I | 2 | 6 | 0 | 4 |
| WLD261 | Certification Practices | 1 | 3 | 0 | 2 |
| or |  |  |  |  |  |
| WBL112 | Work-Based Learning I | 0 | 0 | 20 | 2 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **3** | **9** | **0** | **6** |

**TOTAL REQUIRED CREDITS..... 39**

**Work-Based Learning Option:** Qualified students may elect to take up to two (2) credit hours of Work-Based Learning in lieu of WLD-261 provided they acquire approval from the Work-Based Learning Coordinator and the Department Chairperson.

**\*ENG-101 will not transfer to Associate Degree program.**