**FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE**

**INDUSTRIAL SYSTEMS TECHNOLOGY/**

**BASIC MECHANICAL MAINTENANCE CERTIFICATE (C50240H1)**

Effective: Fall 2023

Revised: 12/16/22

Length: 2 Semesters

Prerequisite: Placement Test Equivalent

Award: Certificate

**FALL SEMESTER I**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| MEC130 | Mechanisms | 2 | 2 | 0 | 3 |
| WLD131 | GTAW (TIG) Plate | 2 | 6 | 0 | 4 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **4** | **8** | **0** | **7** |
|  |  |  |  |  |  |

**SPRING SEMESTER I**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| ISC112 | Industrial Safety | 2 | 0 | 0 | 2 |
| MAC141 | Machining Applications I | 2 | 6 | 0 | 4 |
| MNT230 | Pumps & Piping Systems | 1 | 3 | 0 | 2 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **5** | **9** | **0** | **8** |

## TOTAL REQUIRED CREDITS.... 15

**Work-Based Learning Option**: NA