**FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE**

# COMPUTER-INTEGRATED MACHINING TECHNOLOGY/

**MANUAL MACHINING CERTIFICATE (C50210C2)**

**Evening/Weekend Program**

Effective: Fall 2020

Revised: 02/03/20

This evening certificate program is designed to develop fundamental skills in the operation of machine tools including drilling, turning, milling, and grinding. Training in basic measuring, layout, and blueprint reading is also provided.

Completers will be prepared for employment as entry-level machine operators or machinist apprentices in area manufacturing firms.

Courses in this program can be transferred directly into the Machining Technology associate degree curriculum.

Length: 2 Semesters

Prerequisite: High School Diploma, Placement Test Equivalent

Award: Certificate

**Fall Semester 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | Class | Lab | Clinical | Credit |
| MAC111 | Machining Technology I | 2 | 12 | 0 | 6 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **2** | **12** | **0** | **6** |

**Spring Semester 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| MAC112 | Machining Technology II | 2 | 12 | 0 | 6 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **2** | **12** | **0** | **6** |

**TOTAL REQUIRED CREDITS.... 12**

**Work-Based Learning Option:** N/A