

# Degree & Certificate Requirements

## Manual Machining Certificate PROFESSIONAL TECHNICAL 2026-2027 Certificate Requirements

### Major Courses

| Course Number | Course Title                                      | Credits | Qtr. Completed | Comments / Substitution |
|---------------|---------------------------------------------------|---------|----------------|-------------------------|
| BPR 105       | Blueprint Reading [RE]                            | 3       |                |                         |
| MT 102        | Solidworks(R) I [RE]                              | 4       |                |                         |
| MT 202        | Solidworks(R) II [RE]                             | 4       |                |                         |
| MT 111        | Introduction to Manual Machining [RE]             | 4       |                |                         |
| MT 112        | Introduction to Manual Machining Lab [RE]         | 7       |                |                         |
| MT 121        | Intermediate Manual Machining Techniques [RE]     | 4       |                |                         |
| MT 122        | Intermediate Manual Machining Techniques Lab [RE] | 7       |                |                         |
| MT 131        | Advanced Manual Machining [RE]                    | 4       |                |                         |
| MT 132        | Advanced Manual Machining Lab [RE]                | 7       |                |                         |

**Total Credits Required      44**

Students must earn a minimum 2.0 grade in all MT and BPR courses.

Required minimum cumulative GPA 2.0.