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# Machining & Manufacturing Technology

**Degree Pathway**

A Certificate is outlined coursework that is designed to prepare a student to head out into the workforce in a short timeframe or for career advancement. This certificate totals 21 credit hours. Consult with an advisor for more information.

( ) are Systemwide Transfer Courses

( ★ ) are recommended for this degree pathway.

| Required Courses | | | |
|---|---|---|---|
| **Course ID** | **Course Title** | **Credit Hours** | **Notes** |
| MC104 | Machine Technology Math | 2.00 | Fall 2026, Spring 2027 |
| MC110 | Bench Work | 1.00 | Fall 2026 |
| MC111 | Print Reading | 3.00 | Fall 2026, Spring 2027 |
| MC112 | Quality Control and Inspection | 1.00 | Fall 2026, Spring 2027 |
| MC113 | Metallurgy | 1.00 | Spring 2027<br>Prereq: MC110 BenchWork with a Grade of C or higher, and MC115 Machining I with a Grade of C or higher. |
| MC114 | Machine Tool Processes | 1.00 | Spring 2027 |
| MC115 | Machining I | 3.00 | Fall 2026 |
| MC116 | Machining II | 3.00 | Fall 2026, Spring 2027<br>Prereq: MC110 BenchWork with a Grade of C or higher, and MC115 Machining I with a Grade of C or higher. |
| MC117 | CNC Operations | 3.00 | Fall 2026<br>Prereq: MC115 Machining I with a Grade of C or higher, or Departmental Consent. |
| MC118 | Safety (OSHA) | 1.00 | |
| TR120 | Work Ethics | 2.00 | Fall 2026, Spring 2027 |
| **Electives** | | | |
| No electives | | | |

## Total Credits: 21.00