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## MANUFACTURING TECHNOLOGY

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### Computer Numerical Control (CNC) Operator I Certificate

*This 19 credit-hour certificate program is designed to provide students with the skills necessary to gain entry-level employment in the manufacturing/precision machining industry. The certificate focuses on skills used in a modern machine shop-blueprint reading, conventional machine tool theory and lab, and an introduction to CNC operations.*

**Required:**

| Number  | Course Title                                   | Credits |
|---------|--|---------|
| MFT 105 | Machining Processes I .....                    | 3       |
| MFT 120 | Machining Processes II .....                   | 3       |
| MFT 121 | Machining Processes III .....                  | 3       |
| MFT 123 | Introduction to CNC Machining .....            | 4       |
| MFT 134 | Print Reading for Industry .....               | 3       |
| MTH 097 | Basic Technical Mathematics <sup>1</sup> ..... | 3       |

<sup>1</sup> Students may take MTH 097, MTH 101, MTH 103, or higher.