

## Career Education

### Computerized Machining Technology-TC

The Computerized Machining Technology program will provide the student with the knowledge for designing, prototyping, and the manufacturing of machined parts. You will gain valuable skills in a fascinating trade. Computerized Machining Technology training offers the chance to gain job-ready abilities for an engaging career that can provide a real sense of pride and accomplishment. By becoming skilled at working with computer numerical control (CNC) machine technologies, you could soon be making tools, dies, molds, and other objects using 3-D printing, high-tech lathes or milling equipment. It's an opportunity to learn one of today's most appealing and dependable trades. SolidWorks and MasterCam software will be used in designing parts, and machines such as lathes and mills will be used in their manufacture. Technical Certificates are available to those students who desire preparation for more immediate entry into the workforce.

#### Technical Certificate Computerized Machining Technology

Total Program = 33 Credit Hours

*The fourth digit in the course number indicates the number of credit hours.*

#### Requirements - 32 hours

**Requirements**

- CMT 1013 CAD/CAM I
- CMT 1103 Prototyping I
- CMT 1203 Basic Machining
- CMT 1303 CNC I
- CMT 2103 Prototyping II
- CMT 2023 Metrology
- CMT 2703 Advanced Machining
- CMT 1313 CNC II
- CMT 1023 CAD/CAM II
- MATH 1013 Technical Mathematics A, B, C, D, E, J, M and V
- ENG 1003 Freshman English I
- COM 1003 Career Communications

*A Student may take a MATH course higher than MATH 1013.*

**Department**

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- Mathematics
- English
- Career Communications

**Requirements**

**Department**

Choose one course below

ENG 1003 Freshman English I

COM 1003 Career Communications

English

Career Communications