



Computerized Machining Technology —AAS

ASSOCIATE OF APPLIED SCIENCE COMPUTERIZED MACHINING TECHNOLOGY

Total Program = 60 Credit Hours

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

UNIVERSITY REQUIREMENT—1 OR 3 HOURS

University—1 HOUR or 3 HOURS

- UNIV 1001 Principles of Academic Success I
- UNIV 1003 Principles of Academic Success III

The 3-hour credit course is required for students who must take at least one remedial course. Students who are not required to take a remedial course may take the 3-hour credit course. In both situations, the courses (1-hour or 3-hour) count toward electives.

Department

- University
- University

GENERAL EDUCATION CORE—12 HOURS

- ENG 1003 Freshman English I
- ENG 1013 Freshman English II OR
- ENG 2033 Technical Writing & Communication
- MATH 1013 Technical Mathematics (or higher)

Choose one of the following courses.

- PSY 2013 Introduction to Psychology **or**
- SOC 2213 Principles of Sociology **or**
- HIST 2763 The United States to 1876 **or**
- HIST 2773 The United States since 1876

Department

- English
- English
- English
- Mathematics
- Psychology
- Sociology
- History
- History

COMPUTERIZED MACHINING TECHNOLOGY CORE—41 HOURS

- CMT 1013 CAD/CAM I
- CMT 1103 Prototyping I
- CMT 1203 Basic Machining
- CMT 1023 CAD/CAM II
- CMT 2103 Prototyping II
- CMT 2703 Advanced Machining
- CMT 1303 CNC I
- CMT 1313 CNC II
- CMT 2113 Industrial Environment
- CMT 2123 Concept to Production
- CMT 2313 CNC III
- CMT 2022 Metrology I
- CMT 2013 CAD/CAM III
- CMT 2413 Manufacturing Materials and Processes

Department

- Comp Machining Tech
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TECHNICAL RELATED ELECTIVES—7 HOURS

Choose 7 hours of technical electives in consultation with your advisor.

Suggestions include courses from the following areas: CADD, CTE, Industrial Technology, Machining, and Welding.



Computerized Machining Technology—TC

TECHNICAL CERTIFICATE COMPUTERIZED MACHINING TECHNOLOGY Total Program = 32 Credit Hours

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

Requirements—32 HOURS

CMT	1013	CAD/CAM I
CMT	1103	Prototyping I
CMT	1023	CAD/CAM II
CMT	1203	Basic Machining
CMT	1303	CNC I
CMT	2103	Prototyping II
CMT	2022	Metrology I
CMT	2703	Advanced Machining
CMT	1313	CNC II
MATH	1013	Technical Mathematics (or higher)
ENG	1003	Freshman English I or
COM	1003	Career Communications

Department

Comp Machining Tech
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Comp Machining Tech
Comp Machining Tech
Comp Machining Tech
Comp Machining Tech
Comp Machining Tech
Comp Machining Tech
Mathematics
English
Career Communications

Computerized Machining Technology—CP

CERTIFICATE OF PROFICIENCY COMPUTERIZED MACHINING TECHNOLOGY Total Program = 12 Credit Hours

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

Requirements—12 HOURS

CMT	1013	CAD/CAM I
CMT	1103	Prototyping I
CMT	1203	Basic Machining
CMT	1303	CNC I

Department

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