CNC Technology

Diploma Program

CT12

Updated: 1/09/2017
Effective Term: 201714

Click here to jump to Program Description, Admissions Requirements, and Financial Aid.

Curriculum

Basic Skills – Total of 8 Hours

ENGL 1010 *Fundamentals of English I (3)*
MATH 1012 *Foundations of Mathematics (3)*
EMPL 1000 *Interpersonal Relations (2)*

Program-Specific Core – Total of 42 Hours

MCHT 1011 *Intro to Machine Tool (4)*
MCHT 1012 *Blueprint for Machine Tool (3)*
MCHT 1020 *Heat Treatment/Surface Grind (3)*
MCHT 1119 *Lathe Operations I (3)*
MCHT 1120 *Mill Operations I (3)*
AMCA 2110 *CNC Fundamentals (3)*
AMCA 2130 *CNC Mill Manual Programming (5)*
AMCA 2150 *CNC Lathe Manual Programming (5)*
AMCA 2190 *CAD/CAM Programming (4)*

MCHT 1013 *Machine Tool Math (3) - OR -*
MATH 1013 *Algebraic Concepts (3)*
MATH 1015 *Geometry & Trigonometry (3)*
BOTH

Occupational-Related Elective – Choose 6 Hours

Occupational-Related Electives

Any AMCA Course not required in program
Any MCHT Course not required in program
COMP 1000 *Introduction to Computers (3)*
ACCT 1100 Financial Accounting I (4)
IDSY 1130 *Industrial Wiring (4)*
MGMT 1100 *Principles of Management (3)*
MKTG 1100 *Principles of Marketing (3)*
WELD 1000 *Intro to Welding Technology (3)*

Total: 50 Hours

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Program Description

The CNC Technology program is a sequence of courses that prepares students for careers in the CNC technology field. Learning opportunities develop academic, technical, and professional knowledge and skills for job acquisition, retention, and advancement. The program emphasizes a combination of CNC theory and practical application necessary for successful employment. Program graduates receive a CNC Technology diploma and have the qualification of a CNC technician.

Program Specific Information

Students are accepted every semester based on course and space availability.

Program Length & Availability

4 Semesters

Campus Availability: Oakwood

Admissions Requirements

- Must be 16 years of age.
- High school diploma or GED is required prior to admission.

(Official transcripts or GED scores must be submitted from all colleges and/or high schools attended for credit.)

- ACCUPLACER Testing, or submit SAT, ACT, CPE, COMPASS, or ASSET test scores.

Financial Aid

This program is eligible for the Pell Grant and may be eligible for Institutional and State Financial Aid.
Contact a Financial Aid Counselor for eligibility requirements and application materials.

Click here to jump back to Curriculum