

2018 – 2019 • Applied Science and Engineering Technology Division

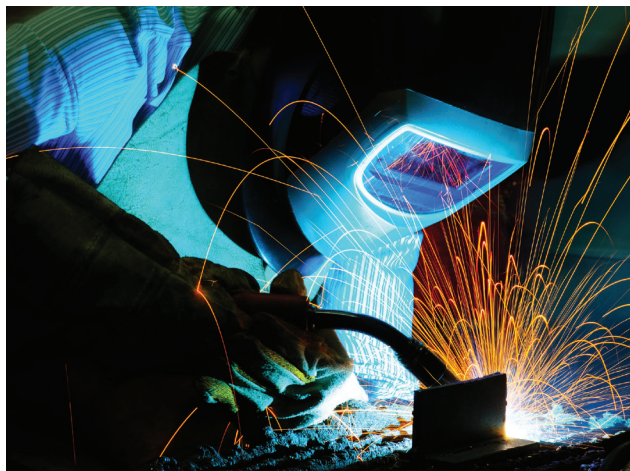
The associate of applied science degree with specialization in general technology is designed to provide students with an opportunity to earn a degree that can be molded to fit individual needs and interests. Examples include those who have been in an apprenticeship program, individuals working in an industry who want to design a degree that supports their job-related responsibilities or those who want to prepare themselves for a technical career that does not follow one of the college’s existing programs.

A basic core of technical courses is required. However, if a student’s needs or interests are better served by other technical subjects, the core can be customized. Students must, however, complete a basic core of 12 credit hours in a defined program area (product and process technology, welding, etc.). This area will be selected by the student. The program provides wide latitude under the technical electives. Students may choose from management courses, computer information systems courses or any technical course offered through the Applied Science and Engineering Technology Division.

Students with apprenticeship training who wish to apply that training toward a degree should see the “Requirements for the Associate of Applied Science Degree-AAS” entry in the Graduation and Degree Requirements section of the college catalog.

**Career Opportunities**

The career opportunities for this program of study vary depending upon the technical and specialty courses chosen.



**Transfer Information**

For information regarding transfer opportunities for this, or any program, please go to <http://www.monroeccc.edu/academicadv-transfer/transindex.htm>

*Note: The following codes identify courses that satisfy MCCC’s General Education Requirements:*

- (C1) GE Natural Sciences Competency
- (C2) GE Mathematics Competency
- (C3) GE Writing Competency
- (C4) GE Computer Literacy Competency
- (C5) GE Human Experience Competency
- (C6) GE Social Systems Competency

**Required General Education Courses**

**Credits**

**21**

- C1 PHY 101 (Technical Physics) or PHY 151 (General Physics I) or CHEM 150 (Fundamental Principles of Chemistry) or CHEM 151 (General College Chemistry I) . . . . . 4
- C2 MATH 124\* (Technical Mathematics II) or competency . . . . . 4
- C3 ENGL 151 (English Composition I) . . . . . 3
- C4 MDTC 160 (Mechanical Drafting and CAD I) . . . . . 4
- C5 Expressions of the Human Experience Competency . . 3
- C6 Social Systems Competency . . . . . 3

*See the General Education Requirements in the college catalog for a list of courses that satisfy the General Education Learning Competencies.*

<b>Required Technical and Specialty Courses</b>	<b>Credits</b>
	<b>32</b>
Basic core in a defined program area . . . . .	12
Additional Technical and Specialty Courses . . . . .	20

**General Electives** **7**  
*(as required to complete 60 hours)*

**Total Degree Requirements** **60 credits**  
**Total Degree Cost** **80 minimum billable contact hours**


*\* MATH 119 (Elementary Technical Mathematics) and MATH 124 (Technical Mathematics II) are required for students whose goal is to complete the associate of applied science degree and seek employment. MATH 157 (College Algebra) and MATH 159 (Trigonometry and Analytical Geometry) are recommended for students interested in transferring to a four-year institution. Other MATH courses may be selected for transfer depending on the student's choice of transfer institution. Students interested in transfer are encouraged to seek the assistance of a faculty advisor or admissions counselor.*



Monroe County Community College is an equal opportunity institution and adheres to a policy that no qualified person shall be discriminated against because of race, color, religion, national origin or ancestry, age, gender, marital status, disability, genetic information, sexual orientation, gender identity/expression, height, weight or veteran's status in any program or activity for which it is responsible. If you have a disability and need special accommodations, please contact the Learning Assistance Laboratory at least 10 business days prior to the first class session to schedule an appointment to begin the accommodation process. The LAL phone number is 734.384.4167.

Monroe County Community College is accredited by the Higher Learning Commission.  
[www.hlcommission.org](http://www.hlcommission.org) / (800) 621-7440

Information contained within this document is subject to change. Every effort has been made to insure the information in this program sheet is accurate at the time of publication. This program sheet may not be considered as an agreement or contract.

<p><b>Main Campus</b></p> <p>1555 South Raisinville Road          Monroe, Michigan 48161          734-242-7300 / 1-877-YES-MCCC</p>	<p><b>Whitman Center</b></p> <p>7777 Lewis Avenue          Temperance, Michigan 48182          734-847-0559</p>	 <p><b>MONROE COUNTY          COMMUNITY COLLEGE</b></p> <p><i>enriching lives</i></p>
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**[www.monroecc.edu](http://www.monroecc.edu) | Admissions and Guidance Office – 734-384-4104**