GENERAL REQUIREMENTS FOR GRADUATION

Upon successful completion of an approved plan of study and provided the following requirements have been fulfilled, the student will be awarded an associate degree from Monroe County Community College:

- The student must earn a minimum of 60 semester hours of credit, 15 of which must be earned at Monroe County Community College.
- The student must attain a cumulative grade point average of “C” or higher (2.000 or higher on a 4.000 scale) at graduation.
- The student must meet the general education requirements for his or her program of study – as specified in the Monroe County Community College catalog – under which the student has applied for graduation.
- The student may fulfill requirements for graduation using any Monroe County Community College catalog published during their period of attendance, with the limitation that no student may use a catalog more than 10 years old at the time of graduation. Exceptions may be considered by the appropriate administrator.

Requirements for Graduation from a Certificate Program

The student must attain a grade point average of “C” or higher (2.000 or higher on a 4.000 scale) at graduation in the course work required for the certificate.

ABOUT MCCC DEGREES AND PROGRAMS

Any MCCC degree may be earned by fulfilling the general requirements and the requirements specific to the individual degree (AS, AA, AAS, AFA). This type of degree is called an undesignated degree and appears on the transcript as the degree only. In addition to earning the specific degree, students who complete one of the occupational degree programs will have the program designation entered on their transcript along with the degree.

Specific program outlines which reflect a high level of specialization are listed elsewhere in this catalog. Deviation from degree requirements or from a specified program may be made only with approval of the division dean, the vice president of instruction or their designee.

GENERAL EDUCATION

General education unites students from diverse areas of study in the pursuit of knowledge that community college graduates should possess. At Monroe County Community College, general education courses are the foundation of each associate degree. To earn an associate degree from MCCC, students must demonstrate competency in the following areas.
### MCCC General Education Course Satisfiers*

#### C1 GE Natural Sciences Competency
- BIOL 151 Biological Sciences I
- BIOL 156 Introduction to Environmental Science
- CHEM 150 Fundamental Principles of Chemistry
- CHEM 151 General College Chemistry I
- CHEM 155 Chemistry and Society
- ESC 151 Earth Science
- MET 151 Introduction to Meteorology and Climate
- PHY 101 Technical Physics
- PHY 151 General Physics
- PHY 251 Engineering Physics I
- PHYSC 151 Physical Science

#### C2 GE Mathematics Competency
- MATH 124 Technical Mathematics II
- MATH 126 Mathematics for Business
- MATH 151 Intermediate Algebra
- MATH 154 Mathematics Explorations or higher or competency

#### C3 GE Writing Competency
- ENGL 151 English Composition I

#### C4 GE Computer Literacy Competency
- BMGT 160 Managing in the Digital Enterprise
- CIS 130 Introduction to Computer Information Systems
- MDTC 160 Mechanical Drafting and CAD I or competency

#### C5 GE Human Experience Competency
- ART 280 Art History: Prehistoric to Gothic
- ART 281 Art History: Renaissance to Baroque
- ART 282 Art History: Neo-Classical/Early Modern
- DANCE 251 History of Dance
- ENGL 240 African American Literature
- ENGL 251 Introduction to Poetry and Drama
- ENGL 252 Introduction to Short Story and Novel
- ENGL 253 American Literature
- ENGL 255 Women’s Writing
- ENGL 256 Children’s Literature
- ENGL 260 Introduction to Shakespeare
- ENGL 266 Non-Western Literature
- ENGL 267 British Literature: Anglo Saxon to 18th Century
- ENGL 268 British Literature: Romantic to Modern
- FREN 151 Elementary French I
- HUMAN 151 Introduction to Humanities
- HUMAN 152 Exploring Creativity
- HUMAN 250 Visual Media Literacy
- HUMAN 256 Film & American Society: 1920s to Early 1960s
- HUMAN 257 Film & American Society: 1960s to Present
- MUSIC 150 Agora Chorale
- MUSIC 265 History and Appreciation of Jazz
- MUSIC 266 History of Rock Music
- MUSIC 268 Popular Music in America
- PHIL 152 Introduction to Western Philosophy
- PHIL 253 Introduction to the Philosophy of Religion
- PHIL 254 Introduction to Medical Ethics
- THEA 151 Introduction to Theater
- THEA 251 Fundamentals of Acting

#### C6 GE Social Systems Competency
- ANTHR 152 Introduction to Cultural Anthropology
- COMM 151 Introduction to Mass Media
- GWST 151 Introduction to Gender Studies
- HIST 151 Western Civilization to 1650
- HIST 152 Western Civilization: 1650 to Present
- HIST 153 History of Michigan
- HIST 154 History of the U.S., 1607-1877
- HIST 155 History of the U.S., 1877-present
- HIST 158 World History to 1500
- HIST 159 World History: 1500 to Present
- HIST 160 Civil War and Reconstruction
- HIST 173 20th Century History and Civilization
- POLSC 151 Introduction to Political Science
- POLSC 158 Introduction to Political Theory
- PSYCH 151 General Psychology
- SOC 151 Principles of Sociology
- SOC 160 Social Gerontology
- SOC 161 Death, Loss and Grief
- SOC 253 Race and Ethnicity

*See website for the most current list of course satisfiers.*
General Education Goal: Critical Thinking

C1 GE Natural Science Competency

Understand and apply the elements of scientific inquiry and scientific principles in a natural science college laboratory course setting.

Learning Objectives: In order to achieve the learning outcome, the student will be able to:

1. Observe and describe natural phenomena and formulate hypotheses.
2. Plan and implement scientific experiments to test hypotheses.
3. Utilize scientific laboratory skills for data collection within a college laboratory setting.
4. Evaluate experimental data and propose solutions based on this data.
5. Evaluate the proposed implications of a solution.

Courses Meeting GE Competency (Take one.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 151</td>
<td>Biological Sciences I</td>
</tr>
<tr>
<td>BIOL 156</td>
<td>Introduction to Environmental Science</td>
</tr>
<tr>
<td>CHEM 150</td>
<td>Fundamental Principles of Chemistry</td>
</tr>
<tr>
<td>CHEM 151</td>
<td>General College Chemistry I</td>
</tr>
<tr>
<td>CHEM 155</td>
<td>Chemistry and Society</td>
</tr>
<tr>
<td>ESC 151</td>
<td>Earth Science</td>
</tr>
<tr>
<td>MET 151</td>
<td>Introduction to Meteorology and Climate</td>
</tr>
<tr>
<td>PHY 101</td>
<td>Technical Physics</td>
</tr>
<tr>
<td>PHY 151</td>
<td>General Physics</td>
</tr>
<tr>
<td>PHY 251</td>
<td>Engineering Physics I</td>
</tr>
<tr>
<td>PHYS 151</td>
<td>Physical Science</td>
</tr>
</tbody>
</table>

C2 GE Mathematics Competency

Use mathematics to effectively model and evaluate quantitative relationships.

Learning Objectives: In order to achieve the learning outcome, the student will be able to:

1. Use arithmetic and geometric concepts and representations to solve, estimate, calculate and check answers to problems to determine the reasonableness of results.
2. Utilize linear, exponential and other nonlinear models to evaluate the nature of relationships in real world problems.
3. Organize, analyze and interpret various representations of data, including functions, graphs and tables.
4. Utilize a variety of problem solving strategies to solve problems and communicate findings using appropriate mathematical language and symbolism.

Courses Meeting GE Competency (Take one or earn a passing score on the competency exam.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 124</td>
<td>Technical Mathematics II</td>
</tr>
<tr>
<td>MATH 126</td>
<td>Mathematics for Business</td>
</tr>
<tr>
<td>MATH 151</td>
<td>Intermediate Algebra</td>
</tr>
<tr>
<td>MATH 154</td>
<td>Mathematics Explorations or higher</td>
</tr>
</tbody>
</table>

General Education Goal: Communication

C3 GE Writing Competency

Write effectively.

Learning Objectives: In order to achieve the learning outcome, the student will be able to:

1. Write clear and concise sentences using Standard American English with appropriate syntax and mechanics.
2. Write paragraphs that demonstrate unity and coherence with appropriate details and examples that support the topic and thesis.
3. Develop written compositions using organizational patterns or rhetorical modes appropriate for the desired audience and purpose.
4. Combine the composition skills of prewriting, revising and editing to complete a final, college-level draft.

Courses Meeting GE Competency (Take one.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 151</td>
<td>English Composition I</td>
</tr>
</tbody>
</table>

C4 GE Computer Literacy Competency

Understand and apply current and appropriate technology tools and resources.

Learning Objectives: In order to achieve the learning outcome, the student will be able to:

1. Demonstrate an understanding of the functionality and terminology associated with current information technology tools and resources.
2. Demonstrate the ability to conduct online research to locate and retrieve relevant information from credible sources.
3. Demonstrates the ability to use document processing software.
4. Demonstrate the ability to use presentation software to communicate information and ideas.
5. Demonstrate the ability to appropriately and responsibly utilize current communication technology methods.
Courses Meeting GE Competency
(Take one course below or earn a passing score on the competency exam.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMGT 160</td>
<td>Managing in the Digital Enterprise</td>
</tr>
<tr>
<td>CIS 130</td>
<td>Introduction to Computer Information Systems</td>
</tr>
<tr>
<td>MDTC 160</td>
<td>Mechanical Drafting and CAD I</td>
</tr>
</tbody>
</table>

General Education Goal:
Social and Cultural Awareness

C5 GE Human Experience Competency

Recognize expressions of the human experience.

Learning Objectives: In order to achieve the learning outcome, the student will be able to:

1. Analyze key events (including historical, social, economic and/or personal) that influenced a particular form of creative human expression.
2. Analyze key events (including historical, social, economic and/or personal) that demonstrate how a particular form of creative human expression influenced other works.
3. Evaluate a particular form of creative human expression in the context of the appropriate academic discipline.
4. Create or reconstruct an expression of the human experience and share with others (if the class is performance based).

Courses Meeting GE Competency (Take one.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 280</td>
<td>Art History: Prehistoric to Gothic</td>
</tr>
<tr>
<td>ART 281</td>
<td>Art History: Renaissance to Baroque</td>
</tr>
<tr>
<td>ART 282</td>
<td>Art History: Neo-Classical/Early Modern</td>
</tr>
<tr>
<td>DANCE 251</td>
<td>History of Dance</td>
</tr>
<tr>
<td>ENGL 240</td>
<td>African American Literature</td>
</tr>
<tr>
<td>ENGL 251</td>
<td>Introduction to Poetry and Drama</td>
</tr>
<tr>
<td>ENGL 252</td>
<td>Introduction to Short Story and Novel</td>
</tr>
<tr>
<td>ENGL 253</td>
<td>American Literature</td>
</tr>
<tr>
<td>ENGL 255</td>
<td>Women's Writings</td>
</tr>
<tr>
<td>ENGL 256</td>
<td>Children's Literature</td>
</tr>
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<td>ENGL 260</td>
<td>Introduction to Shakespeare</td>
</tr>
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<td>ENGL 266</td>
<td>Non-Western Literature</td>
</tr>
<tr>
<td>ENGL 267</td>
<td>British Literature: Anglo Saxon to 18th Century</td>
</tr>
<tr>
<td>ENGL 268</td>
<td>British Literature: Romantic to Modern</td>
</tr>
<tr>
<td>FREN 151</td>
<td>Elementary French I</td>
</tr>
<tr>
<td>HUMAN 151</td>
<td>Introduction to Humanities</td>
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<tr>
<td>HUMAN 152</td>
<td>Exploring Creativity</td>
</tr>
<tr>
<td>HUMAN 250</td>
<td>Visual Media Literacy</td>
</tr>
<tr>
<td>HUMAN 256</td>
<td>Film &amp; American Society: 920s to Early 1960s</td>
</tr>
<tr>
<td>HUMAN 257</td>
<td>Film &amp; American Society: 1960s to Present</td>
</tr>
<tr>
<td>MUSIC 150</td>
<td>Agora Chorale</td>
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<tr>
<td>MUSIC 265</td>
<td>History and Appreciation of Jazz</td>
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<td>PHIL 152</td>
<td>Introduction to Western Philosophy</td>
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<td>Introduction to the Philosophy of Religion</td>
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<td>PHIL 254</td>
<td>Introduction to Medical Ethics</td>
</tr>
<tr>
<td>THEA 151</td>
<td>Introduction to Theater</td>
</tr>
<tr>
<td>THEA 251</td>
<td>Fundamentals of Acting</td>
</tr>
</tbody>
</table>

C6 GE Social Systems Competency

Understanding the processes that influence human values, thoughts, social systems, and behavior

Learning Objectives: In order to achieve the learning outcome, the student will be able to:

1. Recognize the processes by which individuals acquire social knowledge attitudes and beliefs.
2. Recognize major influences on social behavior and social systems.
3. Demonstrate knowledge of human diversity including characteristics of a culture outside the student's own.
4. Demonstrate knowledge of at least one systematic method for obtaining knowledge about social influences according to a recognized social science discipline.

Courses Meeting GE Competency (Take one.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHR 152</td>
<td>Introduction to Cultural Anthropology</td>
</tr>
<tr>
<td>COMM 151</td>
<td>Introduction to Mass Media</td>
</tr>
<tr>
<td>GWST 151</td>
<td>Introduction to Gender Studies</td>
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<tr>
<td>HIST 151</td>
<td>Western Civilization to 1650</td>
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<td>HIST 153</td>
<td>History of Michigan</td>
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<td>HIST 154</td>
<td>History of the U.S., 1607-1877</td>
</tr>
<tr>
<td>HIST 155</td>
<td>History of the U.S., 1877-present</td>
</tr>
<tr>
<td>HIST 158</td>
<td>World History to 1500</td>
</tr>
<tr>
<td>HIST 159</td>
<td>World History: 1500 to Present</td>
</tr>
<tr>
<td>HIST 160</td>
<td>Civil War and Reconstruction</td>
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<td>HIST 173</td>
<td>20th Century History and Civilization</td>
</tr>
<tr>
<td>POLSC 151</td>
<td>Introduction to Political Science</td>
</tr>
<tr>
<td>POLSC 158</td>
<td>Introduction to Political Theory</td>
</tr>
<tr>
<td>PSYCH 151</td>
<td>General Psychology</td>
</tr>
<tr>
<td>SOC 151</td>
<td>Principles of Sociology</td>
</tr>
<tr>
<td>SOC 160</td>
<td>Social Gerontology</td>
</tr>
<tr>
<td>SOC 161</td>
<td>Death, Loss and Grief</td>
</tr>
<tr>
<td>SOC 253</td>
<td>Race and Ethnicity</td>
</tr>
</tbody>
</table>

*See website for an up-to-date list of courses that meet general education competencies.
Important Notes Regarding General Education

Courses required in the curriculum for particular programs may also fulfill General Education requirements. Students should carefully compare course requirements for their programs with General Education requirements to ensure they enroll in the most efficient manner possible.

Particular programs may recommend students take specific courses meeting General Education requirements for the purpose of transfer. Students should check the transfer requirements for the college or university they plan to attend to ensure they enroll for the appropriate required courses.

Students meeting General Education requirements, by earning passing scores on the competency exam, may need to make up credit hours for degree requirements. A student must earn a minimum of 60 semester hours of credit, 15 of which must be earned at MCCC.

Transfer courses not having an equivalency at MCCC may be evaluated for competency by a faculty content expert and approved by the dean of that division. This process is initiated by the transfer student and will be done on a case-by-case basis.

DEGREE REQUIREMENTS

Requirements for the Associate of Arts Degree (AA)

To earn the associate of arts degree, the student must successfully complete courses from the following areas:

General Education (See General Education Requirements for an approved list of courses.)

Goal: Critical Thinking

C1 Competency 1: Understand and apply the elements of scientific inquiry and scientific principles in a natural science college laboratory course setting.

C2 Competency 2: Use mathematics to effectively model and evaluate quantitative relationships.

Goal: Communication

C3 Competency 3: Write effectively.

C4 Competency 4: Understand and apply current and appropriate technology tools and resources.

Goal: Social and Cultural Awareness

C5 Competency 5: Recognize expressions of the human experience.

C6 Competency 6: Understand the processes that influence human values, thoughts, social systems and behavior.

Additional Requirements

Written Communication – 3 Semester Hours

In addition to the course taken to meet the General Education Competency (C3), the student must successfully complete one additional writing course selected from English 102, 152, 155 or 254.

Social Science – 9 Semester Hours

In addition to the courses taken to meet the General Education Competencies (C5) and (C6), the student must successfully complete nine additional semester hours selected from two different subject areas listed below:

Anthropology, economics, geography (except Geography 151), history, political science, psychology, social work, sociology or criminal justice.

Humanities – 6 Semester Hours

In addition to the courses taken to meet the General Education Competencies (C5) and (C6), the student must successfully complete six additional semester hours selected from two different subject areas listed below:

Art, communications, English (excluding English courses taken to meet the Writing Effectively competency and the written communications requirement), humanities, journalism, music, philosophy, speech or theater.

Foreign Language – 8 Semester Hours

The student must successfully complete eight semester hours of one foreign language. Students with a minimum of four semesters of one foreign language in high school may petition the dean of humanities/social sciences for a waiver of one course (four credits) of this requirement. Students receiving waivers do not earn college credit and will need to earn additional hours to meet the 60-hour degree requirement.

Students can earn a Global Studies degree designation at MCCC. See Page 36 for details.
Requirements for the Associate of Science Degree (AS)

To earn the associate of science degree, the student must successfully complete courses from the following areas:

General Education (See General Education Requirements for an approved list of courses.)

Goal: Critical Thinking

C1 Competency 1: Understand and apply the elements of scientific inquiry and scientific principles in a natural science college laboratory course setting.

C2 Competency 2: Use mathematics to effectively model and evaluate quantitative relationships.

Goal: Communication

C3 Competency 3: Write effectively.

C4 Competency 4: Understand and apply current and appropriate technology tools and resources.

Goal: Social and Cultural Awareness

C5 Competency 5: Recognize expressions of the human experience.

C6 Competency 6: Understand the processes that influence human values, thoughts, social systems and behavior.

Additional Requirements

Written Communication – 3 Semester Hours
In addition to the course taken to meet the General Education Competency (C3), the student must successfully complete one additional writing course selected from English 102, 152, 155 or 254.

Social Science – 6 Semester Hours
In addition to the courses taken to meet the General Education Competencies (C5) and (C6), the student must successfully complete an additional six semester hours selected from two subject areas listed below:
- Anthropology, economics, geography (except Geography 151), history, political science, psychology, social work, sociology or criminal justice.

Students can earn a Global Studies degree designation at MCCC. See Page 36 for details.

Requirements for the Associate of Applied Science Degree (AAS)

To earn the associate of applied science degree students must successfully complete courses from the following areas.

General Education (See General Education Requirements for an approved list of courses.)

Goal: Critical Thinking

C1 Competency 1: Understand and apply the elements of scientific inquiry and scientific principles in a natural science college laboratory course setting.

C2 Competency 2: Use mathematics to effectively model and evaluate quantitative relationships.

Goal: Communication

C3 Competency 3: Write effectively.

C4 Competency 4: Understand and apply current and appropriate technology tools and resources.

Goal: Social and Cultural Awareness

C5 Competency 5: Recognize expressions of the human experience.

C6 Competency 6: Understand the processes that influence human values, thoughts social systems, and behavior.

Additional Requirements

Technical and Specialty Areas
32 or more semester hours as outlined in specific AAS degree programs or specialty areas. Deviation from a specified program may be made only with approval of the division dean, vice president of instruction or their designees.

Apprenticeship Training
A maximum of 32 credits for apprentice training completion may be awarded toward required coursework for the associate degree. Students interested in applying apprentice training toward credit for this degree need to produce documentation of successful completion of the apprenticeship training through the following: 1) Authenticated or official copies of completion certificate and 2) Transcripts of courses completed toward fulfillment of the apprentice training that clearly show course names and titles, where available.

Students can earn a Global Studies degree designation at MCCC. See Page 36 for details.
Requirements for the Associate of Fine Arts Degree (AFA)

To earn the associate of fine arts degree, students must successfully complete courses from the following areas.

General Education (See General Education Requirements for an approved list of courses.)

Goal: Critical Thinking

C1 Competency 1: Understand and apply the elements of scientific inquiry and scientific principles in a natural science college laboratory course setting.

C2 Competency 2: Use mathematics to effectively model and evaluate quantitative relationships.

Goal: Communication

C3 Competency 3: Write effectively.

C4 Competency 4: Understand and apply current and appropriate technology tools and resources.

Goal: Social and Cultural Awareness

C5 Competency 5: Recognize expressions of the human experience.

C6 Competency 6: Understand the processes that influence human values, thoughts, social systems and behavior.

Additional Requirements

Social Science – 3 Semester Hours
In addition to the courses taken to meet the General Education Competencies (C5) and (C6), the student must successfully complete an additional three semester hours selected from two subject areas listed below:

Anthropology, economics, geography, history, political science, psychology, social work, sociology or criminal justice.

Humanities – 3 Semester Hours
In addition to the courses taken to meet the General Education Competencies (C5) and (C6), the student must successfully complete an additional three semester hours selected from two subject areas listed below:

Art, communications, English (except English 151), foreign language, humanities, journalism, music, philosophy, speech or theater.

Area of Specialization – 32 semester hours of ART courses
The student must successfully complete one of the art curricula that reflects a high degree of specialization. Students can earn a Global Studies degree designation at MCCC. See below for details.

GLOBAL STUDIES DEGREE DESIGNATION

The Global Studies Degree Designation is a campus-wide opportunity for students to gain knowledge about global issues and multicultural influences while earning any MCCC degree. The Global Studies Degree Designation is earned while pursuing the degree of choice.

Most of the requirements of the Global Studies Degree Designation can be met while the student pursues their chosen degree requirements as stated in their chosen degree program or transfer guidelines. Students accomplish this by selecting particular courses to meet their graduation, departmental and distribution course requirements, in addition to selecting particular elective courses. Courses that meet these requirements are designated in the MCCC College Catalog as “Global Studies Course.”

Global Studies Curriculum Outcomes

Students who complete the Global Studies Degree Designation will be able to:

• Articulate international trends and issues
• Appreciate and understand international cultures outside their own
• Communicate effectively with individuals from international cultures outside their own
• Explore how globalization affects their individual field of study
• Attain awareness of how global growth will impact their world

To Get Started

To get started in earning a Global Studies Degree Designation, complete a Global Studies designation application. You will then plan your program in conjunction with your departmental advisor. See the college’s website for additional information.