At Monroe County Community College, students can earn the first two years of a bachelor’s degree by selecting courses that transfer to four-year institutions.

MCCC works with four-year colleges and universities to develop curricular guides which explain what courses must be taken at MCCC. These curricular guides (available in the Career Center located in the Office of Admissions and Guidance and on-line at www.monroeccc.edu) vary depending on the specific four-year college or university the student plans to attend. To ensure the transferability of credits to a specific four-year college or university and program, it is essential that the transfer student identify the college or university and curriculum as soon as possible, consult with a faculty advisor and follow the appropriate transfer curriculum guide.
GENERAL EDUCATION TRANSFER DISTRIBUTION REQUIREMENTS

Four-year colleges and universities have university-wide requirements called “general education core curriculum.” Usually, colleges and universities expect most of these requirements to be met during the first two years of a four-year program of study. Colleges within a university may also have general education requirements beyond the university-wide requirements. Usually, these requirements can be met at Monroe County Community College.

Students who attend MCCC prior to transferring to a four-year college or university will be taking courses at MCCC recommended by the specific four-year college where they intend to receive a bachelor’s degree (four-year degree).

PRE-PROFESSIONAL PROGRAMS

The majority of the courses offered by the Humanities/Social Science and Science/Mathematics Divisions can be transferred to a four-year college or university. These courses and sequences can be used to meet specific program requirements in areas such as pre-professional programs in architecture, biology, chiropractic, computer science, education (elementary, secondary and special), chemistry, criminal justice, engineering, journalism, law, mathematics, medicine, mortuary science, nursing, occupational therapy, optometry, pharmacy, physics, psychology, social work and veterinary medicine. These courses and sequences are also used to fulfill general education distribution requirements at four-year colleges and universities. Some of the courses and sequences offered by the Business, Health Sciences and Industrial Technology Divisions may also transfer to specialized programs at four-year colleges and universities in accounting, business administration, engineering technology and nursing.

First- and second-year college level courses and sequences in the following disciplines are frequently taken for transfer credit: accounting, art, astronomy, biology, business administration, business law, business management, chemistry, computer information systems, drama, earth science, economics, engineering drawing, English composition, foreign language, geography, history, humanities, journalism, literature, mathematics, music, philosophy, physics, physical science, political science, psychology, sociology and social work.

PRE-EDUCATION PROGRAMS

One of the transfer programs at MCCC leads to a degree in education. Students interested in elementary education are able to transfer a large number of introductory courses such as English composition, history, mathematics, political science, science and speech. This program also contains art, literature, mathematics and music courses, which are specifically geared to students planning a degree in elementary education at a four-year institution.

Those interested in teaching at the secondary level also have many classes available for transfer. Classes in art, English composition, dramatic arts, history, literature, mathematics, philosophy, political science, psychology, science, sociology and speech are frequently taken for transfer credit.

Students interested in Special Education may take transfer classes whether they are interested in a Secondary Education endorsement or an Elementary Education endorsement. Students may also specialize in Health Education and may take courses here that transfer for Health Education. MCCC also offers a class (EDUC 151, Exploring Teaching) which fulfills the pre-teaching requirement of many four-year institutions.

PRE-ENGINEERING PROGRAMS

The recommended engineering transfer program should enable the student to transfer to any of the engineering colleges in the state with a very favorable situation for transfer credit and choice of specific engineering program. It is advisable for an engineering student to make a choice of an engineering college and a specific curriculum as soon as possible, consult with their faculty advisor and follow transfer guides available in the Career Center.

The recommended engineering transfer program includes:

- 4 or 5 semesters of mathematics through MATH 273
- 2 semesters of calculus-based physics
- 2 semesters of chemistry (4 semesters for chemical engineering majors)
- 2 semesters of English (composition and literature)
- 2 semesters of humanities (art, communication, journalism, music, philosophy, speech)
- 2 semesters of social science (anthropology, history, economics, geography, political science, psychology, sociology, and social work)
Many engineering programs have a specific requirement of Microeconomics (ECON 252).

Coursework may also be required in the following areas depending upon the college and engineering degree program the student chooses: drafting, computer aided design, structured programming, linear algebra, statistics, biological sciences and business administration.

CHEMISTRY PROGRAM
This associate of science degree with specialization in chemistry is designed to provide the first two years of study for students who intend to continue their education in chemistry or other natural sciences. This degree (with careful selection of electives) will also be useful for students in the pre-professional study of medicine and related fields, as well as students who seek careers as laboratory technicians after completing an associate’s degree. Students transferring to another college should obtain information early from the college concerning specific degree requirements.

HUMANITIES/SOCIAL SCIENCE PROGRAMS
In addition to fulfilling the humanities and social science general education distribution requirements at four-year colleges and universities, humanities and social science courses can be transferred as components of a baccalaureate degree program in fields such as anthropology, art, communication, education, English language and literature, foreign language, history, journalism, police administration/ law enforcement, political science, pre-law, psychology, social work and sociology.

Humanities and social science classes which are most frequently taken for transfer credit are courses in English composition, history, literature, political science, psychology, sociology and speech. Depending on the student’s program and the requirements of the four-year college or university, courses in art, anthropology, dance, dramatic arts, foreign language, geography, journalism, philosophy and social work are also offered for transfer credit.

CRIMINAL JUSTICE PROGRAM
This program prepares MCCC graduates for positions in law enforcement which require an associate of applied science degree. Check with your advisor and planned transfer schools for more details about transferring.
• Pursue a bachelor’s degree with Siena Heights University taking up to 90 credits at MCCC
• Select and complete classes that transfer to the four-year college or university of choice (do not pursue an associate’s degree)

All students who wish to earn an associate’s degree must complete the general requirements for graduation and meet specific degree requirements beginning on page 35.

TYPICAL BUSINESS/PRE-BUSINESS ELECTIVES (These courses may also be required for some programs.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSAD 151</td>
<td>Introduction to Business</td>
</tr>
<tr>
<td>CIS 130</td>
<td>Introduction to Computer Information Systems</td>
</tr>
<tr>
<td>ACCTG 151</td>
<td>Accounting Principles</td>
</tr>
<tr>
<td>ACCTG 152</td>
<td>Accounting Principles</td>
</tr>
<tr>
<td>ACCTG 252</td>
<td>Cost Accounting</td>
</tr>
<tr>
<td>BMGT 201</td>
<td>Principles of Management</td>
</tr>
<tr>
<td>BSLW 251</td>
<td>Business Law</td>
</tr>
<tr>
<td>ECON 251</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>ECON 252</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>MATH 162</td>
<td>Introduction to Statistics</td>
</tr>
<tr>
<td>MATH 171</td>
<td>Calculus I</td>
</tr>
<tr>
<td>MCOM 201</td>
<td>Principles of Marketing</td>
</tr>
</tbody>
</table>

Other MCCC accounting, business and management courses may transfer to some four-year institutions. Students should contact their prospective four-year institutions before registering for elective classes at MCCC.

COMPUTER SCIENCE

Students interested in pursuing a bachelor’s degree in computer science may earn an associate’s degree at MCCC and then transfer to a four-year institution. Students have the opportunity to take courses leading to an associate of science degree which could include various computer science courses, or they may take courses leading to the associate of applied science in CIS. Either of these will prepare the student to transfer to a four-year institution. MCCC has a signed transfer agreement with the University of Michigan, Dearborn which indicates specific MCCC courses that transfer directly into the bachelor of science in computer science program. Students should seek assistance from a counselor or an academic advisor in the CIS program.

INDUSTRIAL TECHNOLOGY PROGRAMS

Although industrial technology programs are designed as career programs for entry into jobs after the completion of a certificate or associate’s degree, Monroe County Community College has transfer agreements with several universities. The University of Toledo, Wayne State University, Eastern Michigan University, Ferris State University and Siena Heights University allow direct transfer of several of MCCC’s two-year industrial technology programs.

Many MCCC graduates earn a bachelor of engineering technology degree after receiving an associate of applied science degree from MCCC. Some students use their technical credits earned at MCCC as their area major in teacher education programs.

APPRENTICESHIP TRAINING

In conjunction with the U.S. Department of Labor, Bureau of Apprenticeship and Training, apprenticeship training is available in such trades as electrician, machinist, millwright, diemaker and welder. All of these programs can be tailored to meet the needs of individual companies. College representatives, in discussion with local employers, can design unique programs of study to suit a particular industry.