

General Engineering Transfer Pathway

The following are course recommendations for students who plan on transferring to a four year college or university to pursue a bachelor's degree in engineering or related fields.

Recommended Courses

1st Semester

ENGL 151	English Composition I	3 credits
MATH 171	Calculus I	4 credits
CHEM 151	General College Chemistry I	4 credits
	Computer Skills Elective ²	3 credits

14 credits

2nd Semester

ENGL 152	English Composition II	3 credits
MATH 172	Calculus II	4 credits
CHEM 152	General College Chemistry II	4 credits
MATH 162	Introduction to Statistics	3 credits
	Social Science Elective	3 credits

17 credits

3rd Semester

PHY 251	Engineering Physics I	5 credits
MATH 271	Calculus III	4 credits
ECON 251	Principles of Macroeconomics	3 credits
	Social Science Elective	3 credits

15 credits

4th Semester

PHY 252	Engineering Physics II	5 credits
MATH 251	Introduction to Differential Equations	3 credits
MATH 273	Introduction to Linear Algebra	3 credits
	Humanities Elective	3 credits

14 credits

(Total = 60 credits)

Transfer Information:

Transfer Institutions may require different courses for this transfer program. Students should tailor their MCCC program as closely as possible to the requirements at their four-year school of choice. Meet with an Enrollment Services representative for more information.

Prerequisites:

All students should check for prerequisites for a class before registering. Prerequisites can be found at www.monroeccc.edu.

¹ See the computer skills alternatives listed in the college catalog.

This pathway is a general course list for engineering. If student knows the type of engineering in which they wish to specialize, they should discuss course selection with MCCC's dean of math/science.