

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 physics or related fields.

Recommended MCCC courses

1st Semester

ENG 151	English Composition I	3 credits
MATH 171	Calculus I	4 credits
CHEM 151	General College Chemistry I	4 credits
_____	Computer Skills Elective ^{1*}	<u>2/3 credits</u>
		13 - 14 credits

2nd Semester

ENG 152	English Composition II	3 credits
MATH 172	Calculus II	4 credits
CHEM 152	General College Chemistry II	4 credits
_____	Humanities Elective	<u>3 credits</u>
		14 credits

3rd Semester

PHY 251	Engineering Physics I	5 credits
MATH 271	Calculus III	4 credits
ECON	Principles of Macroeconomics	3 credits
_____	Social Science Elective	<u>3 credits</u>
		15 credits

4th Semester

PHY 252	Engineering Physics II	5 credits
MATH 251	Introduction to Linear Algebra	3 credits
MATH 273	Introduction to Differential Equations	3 credits
MATH 162	Introduction to Statistics	3 credits
_____	Humanities Elective	<u>3 credits</u>
		17 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.monroecc.edu

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 the Science and Math Division.

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