

Physics 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
CIS 132	Computer Programming Concepts	<u>3 credits</u>
		14 credits

2nd Semester

POLSC 151	Introduction to Political Science	3 credits
ENG 152	English Composition II	3 credits
MATH 172	Calculus II	4 credits
CHEM 152	General College Chemistry II	4 credits
CIS 150	Computer Science I	<u>3 credits</u>
		17 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
_____	Humanities Elective*	<u>3 credits</u>
		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.monroecc.edu

* Recommended: Speech (SPCH) 151 Communication Fundamentals