

# 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 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 <sup>1</sup>	3 credits

**14 credits**

### 2nd Semester

POLSC 151	Introduction to Political Science	3 credits
ENGL 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	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 Linear Algebra	3 credits
MATH 273	Introduction to Differential Equations	3 credits
	Humanities Elective <sup>2</sup>	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](http://www.monroeccc.edu).

<sup>1</sup> See the computer skills alternatives listed in the college catalog.

<sup>2</sup> Recommended: SPCH 151 (Communication Fundamentals)