

# PHYSICS, ASSOCIATE OF SCIENCE - OHIO GUARANTEED TRANSFER PATHWAY

Note: These courses are recommended by LCCC for the Ohio Guaranteed Transfer Pathway. Some Ohio Transfer Module courses can be used in place of the LCCC recommended courses. Visit the Ohio Department of Higher Education, Ohio Guaranteed Transfer Pathway site <https://www.ohiohighered.org/OGTP> (<https://www.ohiohighered.org/OGTP/>) for more information.

## Catalog Addendum (Added to Catalog after publication):

| Course   | Title   | Hours     |
|--|---|-----------|
| <b>Semester I</b>                                    |   |           |
| CHMY 171   | GENERAL CHEMISTRY I                             | 5         |
| CMPR 166   | INTRODUCTION TO COMPUTER SCIENCE                | 3         |
| ENGL 161   | COLLEGE COMPOSITION I                           | 3         |
| MTHM 181   | CALCULUS I                                      | 5         |
| SDEV 101   | INTRODUCTION TO THE LCCC COMMUNITY <sup>2</sup> | 1         |
| <b>Hours</b>   |   | <b>17</b> |
| <b>Semester II</b>                                   |   |           |
| CHMY 172   | GENERAL CHEMISTRY II <sup>1</sup>               | 5         |
| ENGL 162   | COLLEGE COMPOSITION II <sup>1</sup>             | 3         |
| MTHM 182   | CALCULUS II <sup>1</sup>                        | 5         |
| Social and Behavioral Sciences Elective <sup>4</sup> |   | 3         |
| <b>Hours</b>   |   | <b>16</b> |
| <b>Semester III</b>                                  |   |           |
| MTHM 280   | LINEAR ALGEBRA <sup>1</sup>                     | 4         |
| MTHM 281   | MULTIVARIABLE CALCULUS <sup>1</sup>             | 4         |
| PHYC 251   | COLLEGE PHYSICS I <sup>1</sup>                  | 5         |
| Arts and Humanities Elective <sup>3</sup>            |   | 3         |
| <b>Hours</b>   |   | <b>16</b> |
| <b>Semester IV</b>                                   |   |           |
| MTHM 283   | DIFFERENTIAL EQUATIONS <sup>1</sup>             | 3         |
| PHYC 252   | COLLEGE PHYSICS II <sup>1</sup>                 | 5         |
| Arts and Humanities Elective <sup>3</sup>            |   | 3         |
| Social and Behavioral Sciences Elective <sup>4</sup> |   | 3         |
| <b>Hours</b>   |   | <b>14</b> |
| <b>Total Hours</b>                                   |   | <b>63</b> |

<sup>1</sup>

Indicates that this course requires a prerequisite.

<sup>2</sup>

A student must register for the orientation course when enrolling for more than six credit hours per semester or any course that would result in an accumulation of 13 or more credit hours.

<sup>3</sup>

Student may select any Ohio Transfer 36 (<https://catalogdev.lorainccc.edu/academic-information/transfer-module-requirements/>) approved Arts and Humanities course. This program requires two arts and humanities electives from two different disciplines.

<sup>4</sup>

Student may select any Ohio Transfer 36 (<https://catalogdev.lorainccc.edu/academic-information/transfer-module-requirements/>) approved Social and Behavioral Sciences course. This program requires two Social and Behavioral Sciences electives from two different disciplines.