



PATHWAYS



**YOUR MAP TO
COMPLETION for
2024-2025**

General Studies with Concentration in Pre-Engineering Associate in Science / Short-Term Certificate

| Full Time | Course Prefix | Course Description | Credit Hours | Semesters Offered | Area |
|---|---------------|----------------------------------|--------------|-------------------|------|
| Semester 1 | ORI 110 | Freshman Seminar | 1 | Fa Sp Su | V |
| | ENG 101 | English Composition I | 3 | Fa Sp Su | I |
| | MTH 125 | Calculus I | 4 | Fa Sp Su | III |
| | *HIS 201 | United States History I | 3 | Fa Sp Su | IV |
| | *MUS 101 | Music Appreciation | 3 | Fa Sp Su | II |
| | *CIS 251 | C++ Programming | 3 | Fa Sp | V |
| Semester 2 | ENG 102 | English Composition II | 3 | Fa Sp Su | I |
| | MTH 126 | Calculus II | 4 | Fa Sp Su | III |
| | *HIS 202 | United States History II | 3 | Fa Sp Su | IV |
| | *PSY 200 | General Psychology | 3 | Fa Sp Su | IV |
| | *PHL 206 | Ethics and Society | 3 | Fa Sp Su | II |
| Semester 3 | *ENG 251 | American Literature I | 3 | Fa Sp Su | II |
| | CHM 111 | College Chemistry I | 4 | Fa Sp Su | V |
| | PHY 213 | General Physics with Calculus I | 4 | As needed | III |
| | MTH 227 | Calculus III | 4 | Fa Sp Su | V |
| Semester 4 | *ENG 252 | American Literature II | 3 | Fa Sp Su | II |
| | CHM 112 | College Chemistry II | 4 | Fa Sp | V |
| | PHY 214 | General Physics with Calculus II | 4 | As needed | V |
| | *SOC 200 | Introduction to Sociology | 3 | Fa Sp Su | IV |
| Pre-Engineering AS TOTAL HOURS 62 | | | | | |
| General Education Short-Term Certificate TOTAL HOURS 29 | | | | | |

*May be substituted per Advisor's approval

**For all Engineering majors, Area II and Area IV may be reduced to 9 credit hours; the recommended substitutions for these courses include but are not limited to MTH 237 and MTH 238

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