## **ENGINEERING**

## Semester Plan of Study

This plan shows one possible grouping of courses in Fall and Spring semesters that would allow students to graduate in 2 years with an Associate of Science in Multidisciplinary Studies in STEM and potentially transfer to a university. Please refer to a degree plan in the course catalog for official requirements to graduate. Students are encouraged to consult with Connors State College Student Success Coaches each semester to verify that courses selected each semester fulfill the degree plan and satisfy the student's educational goals.

|              |              | First Semester   | Hours  |
|--------------|--------------|--|--------|
| ENGL         | 1113         | English Composition I  | 3      |
| MATH         | 1513         | PreCalculus Algebra, <b>OR</b>   | 3      |
|              |              | Any course designated (A)  |        |
| EDUC         | 1111         | College Orientation, <b>OR</b>   | 1-3    |
| EDUC         | 1111         | Strategies for Success   |        |
| POLS         | 1113         | American Federal Government  | 3      |
| CHEM         | 1315         | General Chemistry I, OR  | 4-5    |
|              |              | Any course designated (N, L)   |        |
|              |              |  |        |
|              |              | Credit Hours:  | 14-16  |
|              |              | Third Semester   | Hours  |
| SPCH         | 1113         | Intro to Oral Communication, <b>OR</b>   | 3      |
|              |              | Any General Education Elective   |        |
|              |              | Any General Education Elective   |        |
|              |              | Any course designated (H)  | 3      |
| MATH         | 2214         | •  | 3<br>4 |
| МАТН         | 2214         | Any course designated (H)  |        |
| MATH<br>PHYS | 2214<br>1114 | Any course designated (H) Calculus I, <b>OR</b>  |        |
|              |              | Any course designated (H) Calculus I, <b>OR</b> Guided Elective                            | 4      |
|              |              | Any course designated (H) Calculus I, <b>OR</b> Guided Elective General Physics, <b>OR</b> | 4      |
|              |              | Any course designated (H) Calculus I, <b>OR</b> Guided Elective General Physics, <b>OR</b> | 4      |

|              |      | Second Semester  | Hours      |
|--------------|------|--|------------|
| ENGL         | 1213 | English Composition II   | 3          |
| HIST         | 1483 | American Hist Survey to 1877, OR   | 3          |
| HIST         | 1493 | American History Survey since 1877   |            |
| MATH         | 1613 | Plane Trigonometry, <b>OR</b>  | 3          |
|              |      | Guided Elective  |            |
| COMS         | 1133 | Fund. Of Computer Usage, OR  | 3          |
|              |      | Any General Education Elective   |            |
| CHEM         | 1515 | General Chemistry II, OR   | 3-5        |
|              |      | Guided Elective  |            |
|              |      | Credit Hours:  | 15-17      |
|              |      |  |            |
|              |      | Fourth Semester  | Hours      |
| MATH         | 2214 | Fourth Semester Calculus II, OR  | Hours<br>4 |
| MATH         | 2214 |  |            |
| MATH<br>PHYS | 2214 | Calculus II, <b>OR</b>   |            |
|              |      | Calculus II, <b>OR</b> Guided Elective   | 4          |
|              |      | Calculus II, <b>OR</b> Guided Elective  General Physics II, <b>OR</b>  | 4          |
| PHYS         | 1214 | Calculus II, <b>OR</b> Guided Elective  General Physics II, <b>OR</b> Guided Elective  | 4          |
| PHYS         | 1214 | Calculus II, <b>OR</b> Guided Elective  General Physics II, <b>OR</b> Guided Elective  General Psychology, <b>OR</b>   | 4          |
| PHYS         | 1214 | Calculus II, <b>OR</b> Guided Elective General Physics II, <b>OR</b> Guided Elective General Psychology, <b>OR</b> Any General Education Elective  | 4 4 3      |
| PHYS         | 1214 | Calculus II, OR Guided Elective General Physics II, OR Guided Elective General Psychology, OR Any General Education Elective Any course designated (H)                                       | 4 4 3 3    |
| PHYS         | 1214 | Calculus II, <b>OR</b> Guided Elective General Physics II, <b>OR</b> Guided Elective General Psychology, <b>OR</b> Any General Education Elective Any course designated (H) Guided Elective, | 4 4 3 3    |

Graduation Requirements: Students are responsible for adhering to all policies, procedures, and regulations of Connors State College, including the responsibility for meeting all graduation requirements and for checking their degree check for accuracy. Student Success Coaches and faculty members may not substitute, waive or exempt students from any established requirement or academic standard. While these advisors make every effort to provide accurate and current information, all advising information regarding coursework, academic progress, and graduation is considered unofficial. The Connors State Registrar's office is the official and final authority for all program, degree, and graduation requirements. It is strongly recommended for students to enroll in a minimum of 15 hours each semester, and students should obtain a graduation check upon the completion of 30 credit hours.

**Minimum Hours for Graduation:** Each degree program requires a specific minimum number of semester credit hours for graduation, as indicated in the college catalog. No student shall be permitted to graduate having completed fewer total hours than the requirement specified for that degree.

**Grade-Point Average for Graduation:** A retention/graduation grade point average of 2.00 or higher is required for all courses in which a student has a recorded grade, excluding any courses repeated or reprieved and excluding remedial courses and physical education activity courses.