

Engineering One – Course Planning Worksheet – Class of 2029

A promotion average of 75% and greater is guaranteed first-choice major in T3. Averages less than 75% but more than 65% will be promoted to T3 as Faculty capacity permits.

To be considered for promotion to Academic Term 3 no required Engineering One course may be failed more than once and each must hold a grade of 55% or better.

| Course Description | Included in Promo Average | Grade Achieved | Offered | | | 2022-2023 | | | NOTES |
|--|---------------------------|----------------|---------|----|---|-----------|---|---|--|
| | | | F | W | S | F | W | S | |
| MATH 1000 Calculus I | No | | Y | Y | Y | | | | *Math 1000 and Physics 1050 are no longer considered Engineering One courses but are required prerequisites for Math 1001 and phys 1051 respectively. |
| MATH 1001 Calculus II | Yes | | Y | Y | Y | | | | |
| MATH 2050 Linear Algebra | Yes | | Y | Y | Y | | | | |
| | | | | | | | | | *For Chem 1050, Phys 1050 and 1051, and Engi 1020, 1030, and 1040 register first in the class and second in a lab section |
| CHEM 1050 General Chemistry I* | Yes | | Y | Y | Y | | | | |
| PHYS 1050 General Physics I* | No | | Y | Y | N | | | | |
| PHYS 1051 General Physics II* | Yes | | Y | Y | Y | | | | |
| | | | | | | | | | ENGI 1010 and ENGI 1020 are scheduled in conflict in the fall and winter semesters. Register in one in the fall and the other in the winter |
| ENGI 1010 Statics | Yes | | Y | Y | Y | | | | |
| ENGI 1020 Intro to Programming* | Yes | | Y | Y | Y | | | | |
| ENGI 1030 Engr Graphics and Design* | Yes | | Y | Y | Y | | | | |
| ENGI 1050 Mechanisms and Electric Circuits* | Yes | | Y | Y | Y | | | | ENGI 1030 and ENGI 1040 are scheduled in conflict in the fall and winter semesters. Register in one in the fall and the other in the winter |
| | | | | | | | | | |
| One 3 credit hour course in English at the 1000 level or one 3 credit hour course in any Critical Reading and Writing course | Yes | | Y | Y | Y | | | | Only one of these courses counts towards promotion |
| Cooperative Education | | | | | | | | | |
| ENGI 200W professional Development Seminars *Offered at Grenfell in the FALL only | PAS | | Y | Y | N | | | | Students must take 200W as a prerequisite to ENGI 001W. Students are expected to take 200W during EO. EO students intending to take a SPRING work term must take 200W in the Fall semester. EO students are eligible for a work term only after all promotion requirements are met. 200W is not normally offered to T3 students. |
| ENGI 001W Engineering Work Term 1 | PAS | | ne | ne | e | | | | |
| Additional courses if your schedule allows and prerequisites are met. | | | | | | | | | |
| PHIL 2330 or SOCI 2120 or SOCI 4107 | | | C | C | C | | | | |
| LIST A courses | | | C | C | C | | | | |
| LIST B courses | | | C | C | C | | | | |

Legend: F =Fall Semester; W =Winter Semester; S =Spring Semester; * =has an associated lab; Y =offered in semester; N =not offered in semester; e =eligible; ne =Not eligible