

## Engineering One – Course Planning Worksheet – Class of 2030

A promotion average of 80% and greater is guaranteed first-choice major in T3. Averages less than 80% 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			2025-2026			NOTES
			F	W	S	F	W	S	
MATH 1000 Calculus I	No		Y	Y	Y				*Math 1000 and Physics 1050 are not 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 1050 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 Statics	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 1020 Intro to Programming*	Yes		Y	Y	Y				
ENGI 1030 Engr Graphics and Design*	Yes		Y	Y	Y				ENGI 1030 and ENGI 1050 are scheduled in conflict in the fall and winter semesters. Register in one in the fall and the other in the winter
ENGI 1050 Mechanisms and Electric Circuits*	Yes		Y	Y	Y				
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 <b>must</b> take 200W as a prerequisite to ENGI 001W. Students are <b>expected</b> 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 <b>after</b> all promotion requirements are met. 200W is <b>not</b> 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