

Engineering One – Course Planning Worksheet – Class of 2031

A promotion average of 80% and greater is guaranteed first-choice major in T3. Averages less than 80% but more than 55% will be promoted to T3 as Faculty capacity permits.

To be considered for promotion to Academic Term 3 no required Engineering One course (Promotion Average) 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			NOTES
			F	W	S	
MATH 1000 Calculus I	No		Y	Y	Y	MATH 1000 and PHYS 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 1000 Engr Communications	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 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	
Cooperative Education						
ENGI 200W professional Development Seminars *Offered at Grenfell in the FALL only	No		Y	Y	N	To be eligible for a work term in the Spring semester, students must: complete ENGI 200W during the Fall semester; achieve an EOPA of at least 70% by the end of the Fall semester; and successfully complete all required EO courses by the end of the Winter semester. ENGI 200W is not offered in T3, except for students who are admitted to EO in the Spring semester.
ENGI 001W Engineering Work Term 1	No		NE	NE	E	
Complementary Studies Courses (Before graduation, students are required to complete a number of non-engineering courses. Refer to the complementary studies page to explore and select courses that match your interests. Enroll in these additional courses only if they fit within your academic schedule and you have satisfied the required prerequisites. There is enough time until 2031 to complete them)						
PHIL 2330 or SOCI 2120 or SOCI 4107 or ENGI 8154/8155/8151/8977	No		C	C	C	
LIST A courses	No		C	C	C	
LIST B courses	No		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; C = Consult the relevant department to confirm whether the course is offered