

Engineering One – Course Planning Worksheet – Class of 2027

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				
CHEM 1050 General Chemistry I*	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
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 1040 are scheduled in conflict in the fall and winter semesters. Register in one in the fall and the other in the winter
ENGI 1040 Mechanisms and Electric Circuits*	Yes		Y	Y	Y				
English St. John's: ENGL 1090 SWGK: ENGL 1000 or Second Language Students: ENGL 1020	Yes		Y	Y	Y				Only one of these courses counts towards promotion
Additional courses if your schedule allows and prerequisites are met.									
ENGI 200W Professional Development Seminars	PAS		Y	Y	N				Students intending to take a SPRING workterm must take 200W in the Fall semester. EO are eligible for a work term only AFTER all promotion requirements are met. 200W will not be offered in T3.
ENGI 001W Engineering Work Term 1	PAS		ne	ne	e				
<u>Complementary Study Courses:</u>									
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