

The following chart lists the course requirements for students seeking Engineering Standing.

Courses	Civil Engineering	Computer Engineering	Construction Engineering	Electrical Engineering	Environmental Engineering	Industrial & Systems Engineering	Mechanical Engineering	Mechatronics Engineering
Composition I (ENGL 1101)	X	X	X	X	X	X	X	X
Composition II (ENGL 1102)	X	X	X	X	X	X	X	X
Chemistry I (CHEM 1211 and CHEM 1211L)	X	X	X	X	X	X	X	X
Chemistry II (CHEM 1212 and CHEM 1212L)	X		X		X			
Physics I (PHYS 2211 and PHYS 2211L)	X	X	X	X	X	X	X	X
Physics II (PHYS 2212 and PHYS 2212L)	X	X	X	X		X*	X	X
Biology I (BIOL 1107 and BIOL 1107)					X			
Calculus I (MATH 1190)	X	X	X	X	X	X	X	X
Calculus II (MATH 2202)	X	X	X	X	X	X	X	X
Differential Equations (MATH 2306)	X	X	X	X	X			X
Probability & Data Analysis (STAT 2332)		X		X				
Applications of Probability (ISYE 2600)						X		
Technical Writing (TCOM 2010)						X		
Programming and Problem Solving (CSE 1321 and CSE 1321L)		X		X		X		X
MATLAB for Engineers with Applications (ME 1311)							X	
Engineering Graphics I (EDG 1211)							X	X

*(PHYS2212 and PHYS2212L) or (CHEM 1212 and CHEM 1212L) or (BIOL 1107 and BIOL 1107L)