

		†	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
FIRST YEAR	FALL		3	ENGL 1301	Rhetoric and Composition I		010	Satisfactory scores on English portion of ACT test and TSI examination or ENGL 0301.	See General Education Core Curriculum	
			3	MATH 1314	College Algebra		020	College Ready TSI status in Mathematics.	See General Education Core Curriculum	
			1	ENGT 1101	Introduction to Engineering Technology					
			3	ENGT 1310	Design Graphics I					
			3	HIST 1301	U.S. History I		060		See General Education Core Curriculum	
		3	UNIV 1301	Learning Framework				Only if required, based on ACT/SAT and high school rank.		
	<b>16 Semester</b>									
	SPRING		3	ENGL 1302	Rhetoric And Composition II		010	A grade of 'C' or better in ENGL 1301 or ENGL 1387.	See General Education Core Curriculum	
			4	MATH 2412	Precalculus		020	MATH 1314 or MATH 1414 with a grade of 'C' or better; or passing the College Algebra Exemption Test administered by the Department of Mathematics.		
			3	ENGT 1320	Design Graphics II					
		3	ENGT 1321	Basic Architectural CAD						
		3	CHEM 1311	General Chemistry I		030	MATH 1314, MATH 1414, MATH 1342, MATH 1343, MATH 1388, MATH 2412, MATH 2413, or MATH 2487 with a grade of "C" or higher."	See General Education Core Curriculum		
	1	CHEM 1111	General Chemistry I Lab		090	Credit/registration in CHEM 1301.	See General Education Core Curriculum			
<b>17 Semester</b>										
SECOND YEAR	FALL		3	CSCI 1370 OR CMPE 1370	Engineering Computer Science I		090	Grade of 'C' or better in MATH 1314 or placement in a higher level Math course	See General Education Core Curriculum	
			3	ENGT 2307	Engineering Materials I			Must be PHYS, CHEM, or BIOL		
			4	PHYS 1401	General Physics		030		See General Education Core Curriculum	
			3	ENGT 2350	Residential Architectural CAD			ENGT 1321.		
			4	MATH 2413	Calculus I		020	MATH 2412 with a grade of 'C' or better; or passing the Precalculus Exemption Test administered by the Department of Mathematics.		
	<b>17 Semester</b>									
	SPRING		3	ENGT 2310	Introduction to Manufacturing Processes			ENGT 2307.		
			3	ENGT 2321	Basic Electronics			PHYS 1401 and MATH 2413 (or MATH 2487).		
			3	MATH 1342	Elementary Statistical Methods		020	College Ready TSI status in Mathematics.		
			3	ENGT 3350	Commercial Architectural CAD			ENGT 2350.		
		3	HIST 1302	U.S. History II		060		See General Education Core Curriculum		
	3	X3XX	Social & Behavioral Science		080		See General Education Core Curriculum			
<b>18 Semester</b>										

	!	H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
THIRD YEAR	FALL		3	ENGT 2321	Basic Electronics		PHYS 1401 and MATH 2413 (or MATH 2487).	Must enroll in Engineering designated section	
			3	ENGT 3311	Statics and Strength of Materials		ENGT 2307 and PHYS 1401.		
			3	ENGT 3312	Renewable Energy Technology		ENGT 2310 and ENGT 2321.		
			3	ENGT 3310	Fundamentals of Product Design		ENGT 1320 and ENGT 2310.		
			3	POLS 2301	U.S. & Texas Government & Politics I	070		See General Education Core Curriculum	
		3	X3XX	Language, Philosophy & Culture	040		Recommend: Phil 1310 (Engineering section)		
		<b>18 Semester</b>							
	SPRING			3	ENGT 3320	Computer Integrated Manufacturing		ENGT 1320 and ENGT 2310.	
				3	ENGT 3321	Operating Systems or Computer		ENGT 3312.	
				3	ENGT 3330	Green Building Design I		ENGT 2350, ENGT 3312, and ENGT 3311.	
			3	ENGT 3333	Quality Control		ENGT 2310 and MATH 1342 (or MATH 1387).		
			3	ENGT 4322	Machine Design		ENGT 3310 and ENGT 3311.		
		3	POLS 2302	U.S. & Texas Government & Politics il	070		See General Education Core Curriculum		
	<b>18 Semester</b>								
FOURTH YEAR	FALL			3	ENGT X3XX	Advanced Elective		Engineering Technology advance course or other course approved by Faculty.	
				3	ENGT 4311	Wind Energy Systems		ENGT 3312 and ENGT 4322.	
				3	ENGT 4312	Production Planning & Control		ENGT 3310 and ENGT 3320.	
				2	ENGT 4210	Senior Project I		ENGT 3320, ENGT 4322, ENGT 3321, and ENGT 3330.	
			<b>11 Semester</b>						
	SPRING			3	ENGT X3XX	Advanced Elective		Engineering Technology advance course or other course approved by Faculty.	
				2	ENGT 4220	Senior Project II		ENGT 4210.	
				2	ENGT X2XX	Advanced Elective		Engineering Technology advance course or other course approved by Faculty.	
		<b>7 Semester</b>							

**Graduation Requirements**

**122 TOTAL HOURS**  
**(45) TOTAL ADVANCED HOURS**

Approved: Friday, April 08, 2016

Revised:

**Symbols Key**

**Critical (!):** sequence sensitive course.

**Minimum Grade:** A - Excellent; B - Good; C - Satisfactory; D - Below Average; CR - Credit; P - Passing; S - Satisfactory.

**General Education Core (GEC) Sections:** 010 - Communication; 020 - Mathematics; 030 - Life and Physical Sciences; 040 - Language, Philosophy & Culture; 050 - Creative Arts; 060 - American History; 070 - Government/Political Science; 080 - Social and Behavioral Sciences; 090 - Computer Application; 090 - Interdisciplinary ;090 - Science Labs; 090 - Wellness.

**Language Proficiency Requirement:** Student is required to demonstrate language proficiency in a language other than English at the undergraduate level equivalent to a minimum of six credits.