

First Year							
Fall Term				Spring Term			
Course	Course Number	Course Group/Description	Required Credit Hours	Course	Course Number	Course Group/Description	Required Credit Hours
ENGR	1301	Foundations in Engineering I	3	ENGR	1302	Foundations in Engineering II	3
ENGR	1001	Foundations in Engineering I Lab	0	ENGR	1002	Found in Engineering II Lab	0
MATH	2211	Precalculus A	2	MATH	2313	Calculus I	3
MATH	2011	Precalculus A Lab	0	MATH	2113	Calculus I Lab	1
MATH	2212	Precalculus B	2	CSCI	1302	Computer Science Principles	3
MATH	2012	Precalculus B Lab	0	ENGL	1302	Research and Argument	3
PHYS	1308	Introduction to Engineering/Physics	3	HIST	1302	United States History II	3
PHYS	1008	Introduction to Engineering/Physics Lab	0				
ENGL	1301	Rhetoric and Composition	3				
HIST	1301	United States History I	3				
<b>Total Semester Hours</b>			<b>16</b>	<b>Total Semester Hours</b>			<b>16</b>
Second Year							
Fall Term				Spring Term			
Course	Course Number	Course Group/Description	Required Credit Hours	Course	Course Number	Course Group/Description	Required Credit Hours
PHYS	2325	Technical Physics I	3	PHYS	2326	Technical Physics II	3
PHYS	2125	Technical Physics I Laboratory	1	PHYS	2126	Technical Physics II Laboratory	1
MATH	2314	Calculus II	3	MATH	3315	Calculus III	3
MATH	2114	Calculus II Lab	1	MATH	3115	Calculus III Lab	1
ENGR	2305	Linear Circuit Analysis I	3	ENGR	3343	Digital Systems	3
ENGR	2105	Linear Circuit Analysis I Lab	1	ENGR	3043	Digital Systems Laboratory	0
GOVT	2305	Federal Government	3	ENGR	1304	Geometric Modeling for Mechanical Design	3
				ENGR	1004	Geometric Modeling for Mechanical Design Lab	0
				GOVT	2306	Texas Government	3
<b>Total Semester Hours</b>			<b>15</b>	<b>Total Semester Hours</b>			<b>17</b>
Third Year							
Fall Term				Spring Term			
Course	Course Number	Course Group/Description	Required Credit Hours	Course	Course Number	Course Group/Description	Required Credit Hours
ENGR	2401	Engineering Statics	4	PHYS	4340	Introduction to Electricity and Magnetism	3
ENGR	2001	Engineering Statics Lab	0	ENGR	3421	Engineering Dynamics	4
PHYS	3333	Modern Physics	3	ENGR	3021	Engineering Dynamics Lab	0
PHYS	3133	Modern Physics Laboratory	1	MATH	3330	Differential Equations	3
PHYS	3347	Mathematical Applications in Physics I	3	CHEM	1311	General Chemistry I	3
CHEM	1311	General Chemistry I	3	CHEM	1111	General Chemistry I Lab	1
CHEM	1111	General Chemistry I Lab	1				
<b>Total Semester Hours</b>			<b>15</b>	<b>Total Semester Hours</b>			<b>14</b>
Fourth Year							
Fall Term				Spring Term			
Course	Course Number	Course Group/Description	Required Credit Hours	Course	Course Number	Course Group/Description	Required Credit Hours
ENGR	3305	Mechanics of Materials	3	ENGR	3345	Fluid Mechanics	3
ENGR	4260	Engineering Capstone Design I	2	ENGR	4270	Engineering Capstone Design II	2
		Core CCA	3	PHYS	4330	Thermodynamics	3
		Core LPC	3			Core SPCH	3
		Core S/BS	3			Core CA	3
<b>Total Semester Hours</b>			<b>14</b>	<b>Total Semester Hours</b>			<b>14</b>
<b>Total Hours for Degree</b>						<b>121</b>	

Course Group Key			
Course Group Name	Credit Hours	Courses in Group	
<b>Core SPCH</b>	<b>3</b>		
Public Speaking		SPCH	1315
Interpersonal Communication		SPCH	1318
Teamwork and Group Communication		SPCH	2333
<b>Core S/BS</b>	<b>3</b>		
Cultural Anthropology		ANTH	2351
Principles of Macroeconomics		ECON	2301
Principles of Microeconomics		ECON	2302
Intro to Human Dimensions and Recreation		FORS	2351
World Regional Geography		GEOG	1303
Survey of Mass Communication		MCOM	1307
General Psychology		PSYC	2301
Introduction to Sociology		SOCI	1301
<b>Core LPC</b>	<b>3</b>		
Literary Genres		ENGL	2335
Introduction to Mythology		ENGL	2309
British Literature to 1800		ENGL	2322
British Literature from 1800		ENGL	2323
American Literature to 1865		ENGL	2327
American Literature from 1865		ENGL	2328
World Literature to 1650		ENGL	2332
World Literature from 1650		ENGL	2333
Introduction to Literature		ENGL	2341
Western Civilization I		HIST	2311
Western Civilization II		HIST	2312
World Civilizations I		HIST	2321
World Civilizations II		HIST	2322
Introduction to Philosophy		PHIL	1301
Introduction to World Religions		PHIL	1304
Introduction to Ethics		PHIL	2306
<b>Core CA</b>	<b>3</b>		
Art Appreciation		ARTS	1301
Art History I (Prehistoric to the 14th century)		ARTS	1303
Art History II (14th Century to the present)		ARTS	1304
Dance Appreciation		DANC	2303
Theatre Appreciation		DRAM	1310
Film and Culture		DRAM	2366
Intro to Music Literature		MUMH	1307
Music Appreciation		MUSI	1306
<b>Core CCA</b>	<b>3</b>		
Business Communication		BUSI	2304
Technical and Scientific Writing		ENGL	2311
Elementary French I		FREN	1311
Elementary French II		FREN	1312
Elementary German I		GERM	1311
Elementary German II		GERM	1312
International & Intercultural Comm-Latin America		INCM	1301
International & Intercultural Comm-France		INCM	1302
International & Intercultural Comm-Germany		INCM	1303
International & Intercultural Comm-Brazil		INCM	1304
Elementary Portuguese I		PORT	1311
Elementary Portuguese II		PORT	1312
Beginning American Sign Language		SGNL	1301
Intermediate American Sign Language		SGNL	1302
Elementary Spanish I		SPAN	1311
Elementary Spanish II		SPAN	1312