

**UTSA**  
**COMPUTER ENGINEERING**  
**RECOMMENDED PROGRAM OF STUDY**  
**Drafted 2012-2014 UNDERGRADUATE CATALOG**  
**Updated: 6/29/12**

<b>SEMESTER I</b>				<b>SEMESTER II</b>				
EE	1323	Intro. to EE Profession	3	EE	2513	Logic Design	3	
CHE	1103	General Chemistry	3	EE	2511	Logic Design Lab	1	
COR	1203	Freshman Seminar/Soc-Beh Science	3	CS	2073	Computer Programming w/ EGR Appl	3	
MAT	1214	Calculus I	4	MAT	1224	Calculus II	4	
WRC	1013	Freshman Composition I	3	PHY	1903	Engineering Physics	3	
				PHY	1911	Engineering Physics I Lab	1	
				WRC	1023	Freshman Composition II	3	
Semester Total			16	Semester Total			18	
<b>SEMESTER III</b>				<b>SEMESTER IV</b>				
CS	2233	Discrete Mathematical Structures	3	EE	3313	Electronic Circuits I	3	
EE	2423	Network Theory	3	EE	3423	Signals and Systems I	3	
EGR	2323	Applied Engineering Analysis I	3	EE	3463	Microcomputer Systems I	3	
PHY	1923	Engineering Physics II	3	EGR	3323	Applied Engineering Analysis II	3	
PHY	1931	Engineering Physics II Lab	1	<b>CORE*</b>		U.S. History & Diversity	3	
<b>CORE*</b>		U.S. History & Diversity	3					
Semester Total			16	Semester Total			15	
<b>SEMESTER V</b>				<b>SEMESTER VI</b>				
EE	3113	EE Lab I	3	EE/STA	3533	Random Sigs/Noise or Probability	3	
EE	3223	C++ and Data Structures	3	EE	4243	Computer Organization & Architecture	3	
EE	3323	Electronic Devices	3	EE	4513	Introduction to VLSI Design	3	
EE	3563	Digital Systems Design	3	EE		Technical Elective	3	
<b>CORE*</b>		Literature	3	<b>CORE*</b>	1013	Political Science	3	
Semester Total			15	Semester Total			15	
<b>SEMESTER VII</b>				<b>SEMESTER VIII</b>				
EE	4113	EE Lab II	3	CE	4813	EE Design II	3	
EE	4811	EEDesign I	1	EE		Technical Elective	3	
EE		Technical Elective	3	EE		Technical Elective	3	
EE		Technical Elective	3	<b>CORE*</b>	2023	Economics	3	
<b>CORE*</b>		Visual & Performing Arts	3	<b>CORE*</b>		World Society & Issues	3	
<b>CORE*</b>		Political Science 1133 or 1213	3					
Semester Total			16	Semester Total			15	
*Please go to pages 3-5 in the catalog for a complete list of core courses*							<b>Total Required Degree Hours</b>	<b>126</b>

**DEADLINE TO APPLY FOR GRADUATION:**  
**FALL: Apr. 15    SPRING: Nov. 15    SUMMER: Feb. 15**

**ALL UNDERGRADUATE ENGINEERING STUDENTS MUST SEE A FACULTY ADVISOR EVERY FALL/SPRING PRIOR TO REGISTRATION**