

**UTSA**  
**COMPUTER ENGINEERING**  
**RECOMMENDED PROGRAM OF STUDY**  
**2014-2015 UNDERGRADUATE CATALOG**

*Updated: 03/14/14*

<b>SEMESTER I</b>				<b>SEMESTER II</b>			
EE	1322	Intro to Electrical & Computer EGR	2	EE	2511	Logic Design Lab	1
CHE	1103	General Chemistry	3	EE	2513	Logic Design	3
AIS	1203	Academic Inquiry & Scholarship	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	1943	Physics for SCI/EGR I	3
				PHY	1951	Physics for SCI/EGR I Lab	1
				WRC	1023	Freshman Composition II	3
Semester Total			15	Semester Total			18
<b>SEMESTER III</b>				<b>SEMESTER IV</b>			
EE	3563	Digital Systems Design	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	1963	Physics for SCI/EGR II	3	EGR	3323	Applied Engineering Analysis II	3
PHY	1971	Physics for SCI/EGR 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		Technical Elective	3
CS	2233	Discrete Math Structures	3	EE		Technical Elective	3
<b>CORE*</b>		Language/Philosophy/Culture	3	<b>POL</b>	1013	Intro to American Politics	3
Semester Total			15	Semester Total			15
<b>SEMESTER VII</b>				<b>SEMESTER VIII</b>			
EE	4113	EE Lab II	3	CE	4813	EE & CPEG Senior Design II	3
EE	4811	EE & CPEG Senior Design I	1	EE		Technical Elective	3
EE	4513	Intro to VLSI Design	3	EE		Technical Elective	3
EE		Technical Elective	3	<b>CORE*</b>		ECO 2023 (Soc/Behav Sci)	3
<b>CORE*</b>		Creative Arts	3	<b>CORE*</b>		Component Area Option	3
<b>POL</b>	1133	Texas Politics	3				
Semester Total			16	Semester Total			15
<b>Total Required Degree Hours</b>							<b>125</b>

Students must meet with an Advisor at 45 and 90 Hours

Graduation Applications Deadlines: Fall: April 15th Spring: November 15th Summer: February 15th