UTSA Engineering

COMPUTER ENGINEERING
RECOMMENDED PROGRAM OF STUDY
2017-2018 UNDERGRADUATE CATALOG
Updated: 03/20/2017

SEMESTER I				SEMESTER II			
AIS	1203	Academic Inquiry & Scholarship	3	EE	2511	Logic Design Lab	1
EE	1322	Intro to Electrical & Computer Eng.	2	EE	2513	Logic Design	3
CHE	1103	General Chemistry	3	CS	2073	Computer Program 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**
SEMESTER III				**SEMESTER IV**			
CS	2233	Discrete Mathematical Structures	3	EE	3313	Electronic Circuits I	3
EE	2423	Network Theory	3	EE	3424	Mathematics in Signals & Systems	4
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	**CORE***		U.S. History: Civil War to Present	3
CORE*		U.S. History: Pre-Columbus to Civil War	3				
Semester Total			**16**	**Semester Total**			**16**
SEMESTER V				**SEMESTER VI**			
EE	3113	Electrical & Computer Engineering Lab I	3	EE	3233	Sys. Programming for Engineers	3
EE	3223	C++ and Data Structures	3	EE	3533	Probability & Stochastic Processes	3
EE	3323	Electronic Devices	3	EE	4243	Computer Org. & Architecture	3
EE	3563	Digital Systems Design	3	**POL**	1013	Intro to American Politics	3
CORE*		Language/Philosophy/Culture	3	MAT		Math Technical Elective (See catalog)	3
Semester Total			**15**	**Semester Total**			**15**
SEMESTER VII				**SEMESTER VIII**			
CPE	4811	Computer Engineering Design I	1	CPE	4813	Computer Engineering Design II	3
EE	4113	Electrical & Computer Engineering Lab II	3	ECO	2023	Introductory Microeconomics	3
POL	1133/1213	Political Science	3			Technical Elective	3
		Technical Elective	3			Technical Elective	3
		Technical Elective	3	**CORE***		Component Area Option	3
CORE*		Creative Arts	3				
Semester Total			**16**	**Semester Total**			**15**
						Total Required Degree Hours	**126**

Application for Graduation Deadlines:

Spring – November 15th   **Summer – February 15th**   **Fall – July 15th**