

# UTSA Engineering

## COMPUTER ENGINEERING RECOMMENDED PROGRAM OF STUDY 2018-2020 UNDERGRADUATE CATALOG

Updated: 2/4/2018

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	CPE	2073	Intro Computer Program for Engrs or CS	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
<b>Semester Total</b>			<b>15</b>	<b>Semester Total</b>			<b>18</b>
SEMESTER III				SEMESTER IV			
CS	2233	Discrete Mathematical Structures	3	EE	3313	Electronic Circuits I	3
EE	2423	Network Theory	3	EE	3423	Mathematics in Signals & Systems	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: Civil War to Present	3
<b>CORE*</b>		U.S. History: Pre-Columbus to Civil War	3				
<b>Semester Total</b>			<b>16</b>	<b>Semester Total</b>			<b>15</b>
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
<b>CORE*</b>		Language/Philosophy/Culture	3	MAT		Math Technical Elective (See catalog)	3
<b>Semester Total</b>			<b>15</b>	<b>Semester Total</b>			<b>15</b>
SEMESTER VII				SEMESTER VIII			
CPE	4812	Computer Engineering Design I	2	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	<b>CORE*</b>		Component Area Option	3
<b>CORE*</b>		Creative Arts	3				
<b>Semester Total</b>			<b>17</b>	<b>Semester Total</b>			<b>15</b>
						<b>Total Required Degree Hours</b>	<b>126</b>

### Application for Graduation Deadlines:

Spring – November 15<sup>th</sup>

Summer – February 15<sup>th</sup>

Fall – July 15<sup>th</sup>