

## Computer Engineering 5 Year Plan of Study for ROTC Students

### First Year

FALL			SPRING		
Course	Course Title	Credits	Course	Course Title	Credits
CHEM 1035	General Chemistry	3	ENGE 1216	Foundations of Engineering	2
CHEM 1045	General Chemistry Lab	1	ENGL 1106	First-Year Writing	3
ENGE 1215	Foundations of Engineering	2	MATH 1226	Calculus of a Single Variable	4
ENGL 1105	First-Year Writing	3	PHYS 2305	Foundations of Physics	4
MATH 1225	Calculus of a Single Variable	4			
	ROTC	Varies		ROTC	Varies
<b>Total Credit Hours</b>			<b>Total Credit Hours</b>		
<b>15 - 19</b>			<b>15-19</b>		

### Second Year

FALL			SPRING		
Course	Course Title	Credits	Course	Course Title	Credits
ECE 1574	Prog. & Problem Solving	3	ECE 2504	Intro to Computer Engineering	3
ECE 2014	Engineering Prof. in ECE	2	ECE 2574	Data Str. & Algorithms	3
ISE 2014	Engineering Economy	2	MATH 2204	Multi-variable Calculus	3
MATH 1114	Elem. Linear Algebra	2	MATH 2214	Diff. Equations	3
MATH 2114	Intro. to Linear Algebra	3		CLE Area 6	1
PHYS 2306	Foundations of Physics	4			
	ROTC	Varies		ROTC	Varies
<b>Total Credit Hours</b>			<b>Total Credit Hours</b>		
<b>14-19</b>			<b>14-17</b>		

### Third Year

FALL			SPRING		
Course	Course Title	Credits	Course	Course Title	Credits
ECE 3574	Applied Software Design	3	ECE 2704	Signals and Systems	3
ECE 2004	Circuit Analysis	3	ECE 2534	Microcntl. Inter.	4
ECE 2074	Circuit Analysis Lab	1	ECE 2204	Electronics	3
ECE 2524	Intro to UNIX	2	ECE 2274	Electronics Networks Lab	1
MATH 2534	Discrete Math	3	STAT 4714	Probability & Statistics for Eng.	3
	ROTC	Varies		ROTC	Varies
<b>Total Credit Hours</b>			<b>Total Credit Hours</b>		
<b>13-19</b>			<b>15-19</b>		

### Fourth Year

FALL			SPRING		
Course	Course Title	Credits	Course	Course Title	Credits
ECE 3544	Digital Design I	4	ECE 2500	Comp. Org and Arch	3
ENGL 3764	Technical Writing	3	ECE 4534	Embedded Systems	4
	CPE Tech Elective	3		CPE Tech Elective	3
	CLE Area 2	3		CLE Area 3	3
	ROTC	Varies		ROTC	Varies
<b>Total Credit Hours</b>			<b>Total Credit Hours</b>		
<b>14 - 19</b>			<b>14-19</b>		

### Fifth Year

FALL			SPRING		
Course	Course Title	Credits	Course	Course Title	Credits
	CPE Design Tech. Elective	3		CPE Design Tech. Elective	3
	CPE Tech Elective	3		CPE Tech Elective	3
	CLE Area 3	3		Eng. and Science Elective	3
	CLE Area 2	3		Area 7	3
	ROTC	Varies		ROTC	Varies
<b>Total Credit Hours</b>			<b>Total Credit Hours</b>		
<b>12 - 15</b>			<b>12-15</b>		