

# COMPUTER ENGINEERING - UNDERGRADUATE MINOR

## (26-27 Credits)

Prefix	Title	Credits
<b>Prerequisites (All may be transferred)</b>		
MATH 1511G	Calculus and Analytic Geometry I	4
MATH 1521G	Calculus and Analytic Geometry II	4
<b>Lower Division (all may be transferred)</b>		
ENGR 130	Digital Logic	4
ENGR 140	Introduction to Programming and Embedded Systems	4
C S 271	Object Oriented Programming	4
<b>Upper Division (no transfer credits accepted)</b>		
E E 362	Introduction to Computer Organization	4
E E 462	Computer Systems Architecture	3
C S 371	Software Development	4
Computer Engineering Elective (Select one of the following) <sup>1</sup>		3-4
C S 343	Algorithm Design & Implementation	
C S 370	Compilers and Automata Theory	
C S 371	Software Development	
C S 372	Data Structures and Algorithms	
C S 474	Operating Systems I	
C S 478	Computer Security	
C S 482	Database Management Systems I	
E E 490	Selected Topics (Applications of Parallel Computing XSEDE Collaborative Course)	
<b>Total Credits</b>		<b>26-27</b>

<sup>1</sup> Some of these electives may have additional prerequisites