

Computer Engineering Bachelor of Science Degree

Curricula years 2005-2006, 2006-2007, 2007-2008

FRESHMAN YEAR

| Fall semester | Cr | Term completed | Spring semester | Cr | Term completed |
|----------------------------------|----|----------------|----------------------------------|----|----------------|
| ENGR 1020 Intro Engr | 2 | | CH 1020 & 1021 General Chemistry | 4 | |
| CH 1010 & 1011 General Chemistry | 4 | | CPSC 1110 & 1111 C/C++ | 3 | |
| ENGL 1030 Comp 1 | 3 | | Hum/Soc Sci req | 3 | |
| MATH 1080 Calc I | 4 | | MATH 1080 Calc II | 4 | |
| Hum/Soc Sci req | 3 | | PHYS 1220 Phys I | 3 | |
| | 16 | | | 17 | |

SOPHOMORE YEAR

| Fall semester | Cr | Term completed | Spring semester | Cr | Term completed |
|-------------------------|----|----------------|--------------------------|----|----------------|
| ECE 2220 Sys Progrmng | 3 | | ECE 2230 Com Sys Eng | 3 | |
| ECE 2010 Logic | 2 | | ECE 2120 Circuits Lab II | 1 | |
| ECE 2020 Circuits I | 3 | | ECE 2620 Circuits II | 3 | |
| ECE 2090 Logic Lab | 1 | | ECE 2720 Comp Org | 3 | |
| ECE 2110 Circuits Lab I | 1 | | ECE 2730 Comp Org Lab | 1 | |
| MATH 2060 Calc III | 4 | | MATH 2080 Diff Eq | 4 | |
| PHYS 2210 Physics II | 3 | | | | |
| | 17 | | | 15 | |

JUNIOR YEAR

| Fall semester | Cr | Term completed | Spring semester | Cr | Term completed |
|--|----|----------------|------------------------|----|----------------|
| ECE 3110 Lab III | 1 | | ECE 3170 Random Signal | 3 | |
| ECE 3200 Electronics I | 3 | | ECE 3270 Dig Design | 3 | |
| ECE 3220 Intro to Operating Structures | 3 | | ECE 3520 Prog Systems | 3 | |
| ECE 3300 Signals/Sys | 3 | | ENGL 3140 Tech Writing | 3 | |
| ECE 3710 Micro Inter | 3 | | MATH 4190 Discr Math | 3 | |
| ECE 3720 Micro Inter Lab | 1 | | | | |
| MATH 3110 Linear Algebra | 3 | | | | |
| | 17 | | | 15 | |

SENIOR YEAR

| Fall semester | Cr | Term completed | Spring semester | Cr | Term completed |
|--------------------------------------|----|----------------|---------------------|----|----------------|
| Hum/Soc Sci req | 3 | | ECE 4530 Soft Pract | 3 | |
| CpE Tech Elec | 3 | | Hum/Soc Sci req | 3 | |
| CpE Tech Elec | 3 | | Hum/Soc Sci req | 3 | |
| CpE Tech Elec | 3 | | CpE Tech Elec | 3 | |
| COMM 1500 & 1501 or COMM 2500 & 2501 | 3 | | CpE Tech Depth Elec | 3 | |
| | 15 | | | 15 | |

NOTES:

- No student may enroll in ECE courses until all pre-requisites have been passed with a grade of C or higher.
- All CpE majors must have a cumulative and Engineering GPR of 2.0 to enroll in any 300- or 400-level ECE course.
- No student may exceed a maximum of two attempts, excluding a W, to successfully complete any ECE course.

2005-2006, 2006-2007, 2007-2008 academic year

Updated 11 June 2013