2016-2017 Computer Engineering Technical Electives

CE Focus Technical Electives: You must take at least three of these

- ECE 417 Introduction to Robotics (ECE177 & MAT228)
- ECE 471 Embedded Systems (ECE271)
- ECE 478 Industrial Computer Control (ECE271)
- COS 3xx Computer Science Elective (varies)
- ECE 477 Hardware Applications in C (ECE277)
- ECE 498 Selected Topics with CE focus (varies)
- COS 4xx Computer Science Elective (varies)

If you wish to specialize in an area, some possibilities are:

**Embedded Control**
ECE478, ECE477, ECE471, ECE414

**High Performance Computing**
ECE331, ECE477

**Robotics**
ECE417, ECE477, ECE471, ECE487

Other Courses with Adviser Approval (varies)

ECE 498 Selected Topics (varies)

ECE 462 Semiconductor Devices (Chy131, PHY122, MAT258)

ECE 464 Microelectronics Engineering (Chy131, PHY122, MAT258)

ECE 465 Introduction to Sensors (junior standing)

2016-2017 Course Catalog (5/6/2016)