Electrical Engineering Electives for the BSEE

- ECE 26400 - Advanced C Programming
- ECE 27900 - Sophomore Participation in Vertically Integrated Projects (VIP) in Electrical and Computer Engineering
- ECE 29600 - Electrical and Computer Engineering Projects
- ECE 30010 - Introduction to Machine Learning and Pattern Recognition
- ECE 30500 - Semiconductor Devices
- ECE 30600 - Electronic Circuits and Systems Laboratory
- ECE 30700 - Electromagnetic Fields and Waves Laboratory
- ECE 30800 - Systems Simulation and Control Laboratory
- ECE 30834 - Fundamentals of Computer Graphics
- ECE 30862 - Object-Oriented Programming in C++ and Java
- ECE 32100 - Electromechanical Motion Devices
- ECE 32300 - Electromechanical Motion Devices and Systems Laboratory
- ECE 33700 - ASIC Design Laboratory
- ECE 36200 - Microprocessor Systems and Interfacing
- ECE 36400 - Software Engineering Tools Laboratory
- ECE 36800 - Data Structures
- ECE 37900 - Junior Participation in Vertically Integrated Projects (VIP) in Electrical and Computer Engineering
- ECE 38200 - Feedback System Analysis and Design
- ECE 39600 - Industrial Practice Seminar
- ECE 40020 - Sound Reinforcement System Design
- ECE 40400 - Introduction to Computer Security
- ECE 40862 - Software for Embedded Systems
- ECE 41200 - Introduction to Engineering Optics
- ECE 41300 - Introduction to Optics Laboratory
- ECE 41400 - Elements of Electro And Fiber Optics
- ECE 41500 - Electro- And Fiber Optics Laboratory
- ECE 42300 - Electromechanical Motion Control
- ECE 43200 - Elements of Power System Engineering
- ECE 43300 - Power Electronics
- ECE 43700 - Computer Design and Prototyping
- ECE 43800 - Digital Signal Processing with Applications
- ECE 44000 - Transmission of Information
- ECE 44100 - Distributed Parameter Systems
- ECE 45300 - Fundamentals of Nanoelectronics
- ECE 45500 - Integrated Circuit Engineering
- ECE 45600 - Digital Integrated Circuit Analysis and Design
- ECE 45700 - Electronic Design Laboratory
- ECE 46100 - Software Engineering
- ECE 46300 - Introduction to Computer Communication Networks
ECE 46800 - Introduction to Compilers and Translation Engineering
ECE 46900 - Operating Systems Engineering
ECE 47300 - Introduction to Artificial Intelligence
ECE 47900 - Senior Participation in Vertically Integrated Projects (VIP) in Electrical and Computer Engineering
ECE 48300 - Digital Control Systems Analysis and Design
ECE 49600 - Electrical and Computer Engineering Projects
EPCS 20100 - Sophomore Participation in EPICS
EPCS 20200 - Sophomore Participation in EPICS
EPCS 30100 - Junior Participation in EPICS
EPCS 30200 - Junior Participation in EPICS
EPCS 40100 - Senior Participation in EPICS
EPCS 40200 - Senior Participation in EPICS