ELECTRICAL & COMPUTER ENGINEERING (ECE)

ECE 161 Digital Logic Design (0 Credits)
Engineering & Comp Sci

ECE 181 Computer Programming (0 Credits)
Engineering & Comp Sci

ECE 182 Computer Applications (0 Credits)
Engineering & Comp Sci

ECE 221 Electrical Science I (0 Credits)
Engineering & Comp Sci

ECE 231 Active Resistive Networks (0 Credits)
Engineering & Comp Sci

ECE 232 Dynamic Networks (0 Credits)
Engineering & Comp Sci

ECE 281 Cmptr Org & Assembly Lang (0 Credits)
Engineering & Comp Sci

ECE 282 System Software Design (0 Credits)
Engineering & Comp Sci

ECE 290 Independent Study (0 Credits)
Engineering & Comp Sci
Repeatable

ECE 291 Electrical Lab I (0 Credits)
Engineering & Comp Sci

ECE 292 Electrical Lab II (0 Credits)
Engineering & Comp Sci

ECE 305 Engineering Analysis (0 Credits)
Engineering & Comp Sci

ECE 322 Electrical Mach & Devices (0 Credits)
Engineering & Comp Sci

ECE 324 Electromagnetics (0 Credits)
Engineering & Comp Sci

ECE 331 Digital Circuits/Systems (0 Credits)
Engineering & Comp Sci

ECE 347 Electronic Materials (0 Credits)
Engineering & Comp Sci

ECE 348 Electronic Devices (0 Credits)
Engineering & Comp Sci

ECE 351 System & Signal Analysis (0 Credits)
Engineering & Comp Sci

ECE 381 Computer Architecture (0 Credits)
Engineering & Comp Sci

ECE 382 Algorithms & Data Structr (0 Credits)
Engineering & Comp Sci

ECE 383 Comparative Prog Lang (0 Credits)
Engineering & Comp Sci

ECE 390 Independent Study (0 Credits)
Engineering & Comp Sci
Exploration of a problem, or problems, in depth. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor(s) and the department.
Repeatable

ECE 391 Electrical Engr Lab I (0 Credits)
Engineering & Comp Sci

ECE 392 Electricl Engineer Lab II (0 Credits)
Engineering & Comp Sci

ECE 393 Egr Ethics & Prof Resp (0 Credits)
Engineering & Comp Sci

ECE 394 Elect Lab/Non-Elect Stdt (0 Credits)
Engineering & Comp Sci

ECE 397 Computer Lab I (0 Credits)
Engineering & Comp Sci

ECE 398 Computer Laboratory II (0 Credits)
Engineering & Comp Sci

ECE 400 Selected Topics (0 Credits)
Engineering & Comp Sci
Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester.
Repeatable

ECE 412 Control Systems (0 Credits)
Engineering & Comp Sci

ECE 416 Electromechanical Devices (0 Credits)
Engineering & Comp Sci

ECE 424 Electromag Transmissn Sys (0 Credits)
Engineering & Comp Sci

ECE 431 Analog Circuits & Systems (0 Credits)
Engineering & Comp Sci

ECE 452 Communication Systems (0 Credits)
Engineering & Comp Sci

ECE 461 Electronic Computers (0 Credits)
Engineering & Comp Sci

ECE 470 Experience Credit (0 Credits)
Engineering & Comp Sci
Participation in a discipline or subject related experience. Student must be evaluated by written or oral reports or an examination. Permission in advance with the consent of the department chairperson, instructor, and dean. Limited to those in good academic standing.
Repeatable

ECE 482 Principles/Software Engr (0 Credits)
Engineering & Comp Sci

ECE 490 Independent Study (1-6 Credits)
Engineering & Comp Sci
Exploration of a problem, or problems, in depth. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor(s) and the department.
Repeatable

ECE 492 Sel Top Electromag Engr (0 Credits)
Engineering & Comp Sci

ECE 493 St:Circuits/Netwks/Systms (0 Credits)
Engineering & Comp Sci

ECE 494 Sel Tpcs /Phys Elec&Devcs (0 Credits)
Engineering & Comp Sci

ECE 496 Select Top/Control&Power (0 Credits)
Engineering & Comp Sci

ECE 498 Selected Topics/Computers (0 Credits)
Engineering & Comp Sci

ECE 499 Honors Capstone Project (1-3 Credits)
Engineering & Comp Sci
Completion of an Honors Capstone Project under the supervision of a faculty member.
Repeatable 3 times for 3 credits maximum

ECE 513 Powr Semicondctr Electron (0 Credits)
Engineering & Comp Sci

ECE 514 Electric Power Systems (0 Credits)
Engineering & Comp Sci

ECE 516 Fund Servomechanism (0 Credits)
Engineering & Comp Sci

ECE 517 Systems Analysis (0 Credits)
Engineering & Comp Sci

ECE 541 Integrated Circuits (0 Credits)
Engineering & Comp Sci

ECE 542 Integrated Circuit Design (0 Credits)
Engineering & Comp Sci

ECE 555 Microwave Engineering (0 Credits)
Engineering & Comp Sci

ECE 561 Digital Machine Design (0 Credits)
Engineering & Comp Sci

ECE 564 Vlsi Design Methods (0 Credits)
Engineering & Comp Sci

ECE 565 Microprcssr & Microcomptr (0 Credits)
Engineering & Comp Sci

ECE 566 Info Display Devices&Tech (0 Credits)
Engineering & Comp Sci

ECE 571 Switching Theory (0 Credits)
Engineering & Comp Sci

ECE 572 Switch Thry & Seq Mch Des (0 Credits)
Engineering & Comp Sci

ECE 585 Engr Des/Operating System (0 Credits)
Engineering & Comp Sci

ECE 588 Translator Design (0 Credits)
Engineering & Comp Sci

ECE 590 Independent Study (0 Credits)
Engineering & Comp Sci
Exploration of a problem, or problems, in depth. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor(s) and the department.
Repeatable

ECE 591 Spec Prob Elec Eng (0 Credits)
Engineering & Comp Sci

ECE 599 Elec Engineer Lab IV (0 Credits)
Engineering & Comp Sci