Electrical & Computer Engineering
Curriculum Flow Chart

Semester I
- ENGR 01.101 Fr. Eng. Clinic I (1-1)
- CHEM 06.105 Adv. Coll. Chemistry I (3-1)
- MATH 01.140 Acc. Calculus I (4-0)
- ENGL 01.111 College Comp I (3-0)
- ECE 09.241 Digital I (2-1)

Semester II
- ENGR 01.102 Fr. Eng. Clinic II (1-1)
- MATH 01.141 Acc. Calculus II (4-0)
- PHYS 00.220 Intro to Mechanics (3-1)
- CS 04.103 Comp. Sci. & Program. (4-0)
- *** General Education (3-0)

Semester III
- ENGR 01.201 Soph. Eng. Clinic I (3-1)
- MATH 01.235 Math Emg. Analysis I (4-0)
- PHYS 00.222 Intro. to Elec&Magn (3-1)
- ECE 09.203 P. E. Circuit Analysis (3-1)
- ECE 09.243 Comp. Arch. I (2-1)

Semester IV
- ENGR 01.202 Soph. Eng. Clinic II (3-1)
- MATH 01.236 Math Emg. Analysis II (4-0)
- CS 04.225 Data Str. For Eng. (3-0)
- ECE 09.303 Electronics I (2-1)
- ECE 09.311 Electromagnetics (2-1)

Semester V
- ENGR 01.301 Jun. Eng. Clinic I (0-2)
- ECE 09.341 Signals & Systems (1-1)
- ME 10.320 Me for ECEs (2-1)

Semester VI
- ECE 09.342 Signals & Systems (1-1)
- ECE 09.321 Systems & Control I (2-1)

Semester VII
- ECE 09.302 Jun. Eng. Clinic II (0-2)
- ECE 09.351 Dig. Signal Processing (2-1)

Semester VIII
- ENGR 01.402 Eng. Clinic Consult. II (0-1)
- ECE 09.460 Eng. Clinic Consult. I (0-1)

Course Name
- ECE 09.311 Electronics I (2-1)
- ECE 09.341 Signals & Systems (1-1)
- ECE 09.351 Dig. Signal Processing (2-1)

Min. Prereq. Course number
Pre-requisite Lect. – Lab credit hours
Double frame indicates the class carries a minimum grade requirement to advance to certain other classes

Minimum grade requirements listed here are planned for future and do not reflect all of the current minimum requirements.