ECE Curriculum Flow Chart

Semester I
- ENGR 01.101 Fr. Eng. Clinic I (1-1)
- MATH 01.130 Calculus I (4-0)
- PHYS 00.220 Intro. to Mechanics (3-1)
- CS 04.103 Comp. Sci. & Program. (4-0)
- ECE 09.241 Intro. to Digital Sys. (2-1)

Semester II
- ENGR 01.102 Fr. Eng. Clinic II (1-1)
- MATH 01.131 Calculus II (4-0)
- PHYS 00.222 Intro. to Electromagn (3-1)
- CS 04.111 College Comp I (3-0)
- ECE 09.243 Computer Architecture (2-1)

Semester III
- ENGR 01.201 Soph. Eng. Clinic I (3-1)
- MATH 01.230 Calculus III (4-0)
- SCIENCE Science Elective (3-1)
- ECE 09.203 P. E. Circuit Analysis (3-1)

Semester IV
- ENGR 01.202 Soph. Eng. Clinic II (3-1)
- MATH 01.235 Math Eng. Analysis (4-0)
- CS 04.225 Prin. of Data Struc. (3-0)
- ECE 09.311 Electronics I (2-1)

Semester V
- ENGR 01.303 Jun. Eng. Clinic (0-2)
- MATH 01.230 Math Eng. Analysis (4-0)
- CS 04.225 Prin. of Data Struc. (3-0)
- ECE 09.311 Electronics I (2-1)

Semester VI
- ENGR 01.303 Jun. Eng. Clinic (x2) (0-2)
- MATH 01.230 Math Eng. Analysis (4-0)
- CS 04.225 Prin. of Data Struc. (3-0)
- ECE 09.311 Electronics I (2-1)

Semester VII
- ENGR 01.403 Sen. Eng. Clinic (0-2)
- MATH 01.230 Math Eng. Analysis (4-0)
- CS 04.225 Prin. of Data Struc. (3-0)
- ECE 09.311 Electronics I (2-1)

Semester VIII
- ENGR 01.403 Sen. Eng. Clinic (x2) (0-2)
- MATH 01.230 Math Eng. Analysis (4-0)
- CS 04.225 Prin. of Data Struc. (3-0)
- ECE 09.311 Electronics I (2-1)

**General Education (3-0)**
**ENGINEERING CLINICS**
**MATHEMATICS**
**PHYSICAL & ENG. SCIENCES**
**ELECTRICAL ENG. CORE**
**SIGNS & SYSTEMS CORE**
**COMPUTER ENG. CORE**
**GENERAL EDUCATION**
**ECE CROSS CUTTING**

- Double frame indicates the class carries a minimum grade requirement to advance to certain other classes
- (x2) A project class to be taken twice. Same prerequisites apply to each.
- Lect. – Lab credit hours

ECE Curriculum always evolves for continues improvement. This flowchart is valid for students entered before Fall 2018. Please always check with your advisor.