Electrical Engineering (EE) Degree Flowchart

Semester Hours: 129

1 Fall
- GOVT 2306: US/TX Constitutions
- ENGL 1301: First Year Writing 1
- ENGI 1100: Intro. to Engineering
- MATH 2413: Calculus I
- CHEM 1311: Fundamentals of Chemistry
- CHEM 1111: Fundamentals of Chemistry Lab

2 Spring
- HIST 1301: US History to 1877
- ENGL 1302: First Year Writing 2
- ENGI 1331: Computing & Problem Solving for Engineers
- MATH 2414: Calculus II
- PHYS 2325: University Physics I
- PHYS 2125: University Physics I Lab

3 Fall
- HIST 1302: US History since 1877
- MATH 3321: ENGI Mathematics
- ECE 2201: Circuits I
- MATH 2415: Calculus III
- PHYS 2326: University Physics II
- PHYS 2126: University Physics II Lab

4 Spring
- X3XX: Creative Arts Core
- ENGI 2304: ENGI Technical Communications
- ECE 2202: Circuits II
- ECE 2100: Circuits Lab
- ECE 3331: Programming Applications in ECE
- ECE 3441: Digital Logic Design

5 Fall
- ECE 3155: Electronics Lab
- ECE 3355: Electronics
- ECE 3337: Signals and Systems
- ECE 3317: Electromagnetic Waves
- ECE 3436: Microprocessor Systems
- INDE 2333: Engineering Statistics

6 Spring
- ECON 2302: Principles of Microeconomics
- ECE 3340: Numerical Methods
- Concentration Elective
- Elective Lab
- ECE Elective
- ECE Elective

7 Fall
- GOVT 2305: US Government
- ECE 4335: ECE Design I
- Concentration Elective
- Concentration Elective
- Elective Lab
- Technical Elective

8 Spring
- X3XX: Lang/Phil/Culture Core
- ECE 4336: ECE Design II
- Concentration Elective
- Concentration Elective
- Concentration Elective
- Elective Lab

Total Credit Hours: 129