# B.S. Electronic Systems Engineering Technology
## 2016-2017 Catalog

### Core Curriculum Courses
- **UCC/POLS 206**
  - 3-0-3
  - Core
- **ENGL 104**
  - 3-0-3
  - Comp & Rhetoric
- **CHEM107&117**
  - 3-3-4
  - Chem for Eng & Lab
- **PHYS 218**
  - 3-3-4
  - Mechanics
- **PHYS 208**
  - 3-3-4
  - Electricity and Optics
- **ENGR111**
  - 2-0-2
  - Foundations of Engr I
- **ENGR112**
  - 2-0-2
  - Foundations of Engr II
- **ESET210**
  - 3-3-4
  - Circuit Analysis
- **ESET219**
  - 3-3-4
  - Digital Electronics
- **ESET269**
  - 2-3-3
  - Embed Sys Dev in C
- **ESET320**
  - 2-3-3
  - Six Sigma & App Stat
- **ESET321**
  - 2-3-3
  - Power Sys & Circ App
- **ESET349**
  - 3-3-4
  - Microcontroller Arch
- **ESET351**
  - 3-3-4
  - Local Metro Area Net
- **ESET355**
  - 3-3-4
  - EMAG & High Freq Sys
- **ESET359**
  - 3-3-4
  - Elec Instrumentation
- **ESET350**
  - 3-3-4
  - Analog Electronics
- **ESET352**
  - 3-3-4
  - Electronics Test I
- **ESET369**
  - 3-3-4
  - Embed Syst Software
- **ESET315**
  - 3-3-4
  - Product Development
- **ESET319**
  - 2-3-3
  - Engr Leadership
- **ESET415**
  - 3-3-3
  - Adv Network Security
- **ESET419**
  - 3-0-3
  - Engr Tech Capstone I
- **ESET420**
  - 0-6-2
  - Engr Tech Capstone II

### Major Courses
- **MATH 151**
  - 3-2-4
  - Engineering Math I
- **MATH 152**
  - 3-2-4
  - Engineering Math II

### Notes
1. Take COMM 203 or ENGL 210
2. If electives are selected from ICD list they will double count
3. Pre-reqs for electives must be followed
4. MATH Electives can be chosen from MATH 251/253/304/308/309/311
5. ESET 350 needs to be taken before or at the same time as ESET 369
6. ESET 219 needs to be taken before or at the same time as ESET 269