B.S. Electronic Systems Engineering Technology
2015-2016 Catalog

**FRESHMAN**

**FALL**
- ENGL 104 3-0-3 Comp & Rhetoric
- MATH Elective 1

**SPRING**
- CHEM107&117 3-3-4 Chem for Engr & Lab

**CORE CURRICULUM COURSES**
- American Hist/UCC 3 credits

**MATH AND SCIENCE COURSES**
- MATH 151 3-2-4 Engineering Math I
- PHYS 218 3-3-4 Mechanics

**SOOPHOMORE**

**FALL**
- UCC/POLS 207 3-0-3 Core

**SPRING**
- MATH ELECT1 3-0-3 MATH

**CORE CURRICULUM COURSES**
- American Hist/UCC 3 credits

**MATH AND SCIENCE COURSES**
- MATH 152 3-2-4 Engineering Math II
- PHYS 208 3-3-4 Electricity and Optics

**JUNIOR**

**FALL**
- MATH Elective 2

**SPRING**
- ESET 211 3-3-4 Power Sys & Circ App

**CORE CURRICULUM COURSES**
- UCC/POLS 206 3-0-3 Core

**MATH AND SCIENCE COURSES**
- ESET 151 2-3-3 Engr Leadership
- ESET 210 3-3-4 Circuit Analysis

**SENIOR**

**FALL**
- Communications1 3-0-3

**SPRING**
- Creative Arts/ICD2 3 credits
- Social & Behavioral Science/ICD2 3 credits

**CORE CURRICULUM COURSES**
- ESET 455 3-3-4 Wireless Trans Syst

**MATH AND SCIENCE COURSES**
- ESET Elective3 3 credits
- Tech Elective3 3 credits
- ESET419 3-0-3 Engr Tech Capstone I
- ESET420 0-6-2 Engr Tech Capstone II

**UPPER DIVISION COURSES**

- ESET333 2-3-3 Product Development
- ESET349 3-3-4 Microcontroller Arch
- ESET355 3-3-4 EMAG & High Freq Sys
- ESET350 3-3-4 Analog Electronics

- ESET Elective3 3 credits
- ESET429 3-3-4 Elect Instrumentation
- ESET3693 3-3-4 Embed Syst Software
- ESET419 3-0-3 Engr Tech Capstone I

- ESET352 3-3-4 Electronics Test I
- ESET429 3-3-4 Elect Instrumentation

- ESET 219 3-3-4 Digital Electronics
- ESET 315 2-3-3 Product Development
- ESET 415 2-3-3 Comm. Electronics

**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