ELECTRICAL ENGINEERING TECHNOLOGY: COMPUTER, BSET

Requirements for Students Matriculating in or before Academic Year 2019-2020. Learn more about University Academic Regulation 3.1 (http://catalog.okstate.edu/university-academic-regulations/#matriculation).

Minimum Overall Grade Point Average: 2.00
Total Hours: 130

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<th>Code</th>
<th>Title</th>
<th>Hours</th>
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**General Education Requirements**

All General Education coursework requirements are satisfied upon completion of this degree plan

**English Composition**

See Academic Regulation 3.5 (http://catalog.okstate.edu/university-academic-regulations/#english-composition)

ENGL 1113 Composition I
or ENGL 1313 Critical Analysis and Writing I

Select one of the following:

ENGL 1213 Composition II
ENGL 1413 Critical Analysis and Writing II
ENGL 3323 Technical Writing

**American History & Government**

Select one of the following:

HIST 1103 Survey of American History (or)
HIST 1483 American History to 1865 (H) (or)
HIST 1493 American History Since 1865 (DH)

POLS 1113 American Government

**Analytical & Quantitative Thought (A)**

MATH 1715 Precalculus (A)

**Humanities (H)**

Courses designated (H)

6

**Natural Sciences (N)**

Must include one Laboratory Science (L) course

PHYS 1114 College Physics I (LN)
or PHYS 2014 University Physics I (LN)

Select 4 hours of any course designated (L), (N)

4

**Social & Behavioral Sciences (S)**

SPCH 2713 Introduction to Speech Communication (S)

Any course designated (S)

3

**Additional General Education**

Any Foreign Language, Speech, any course from the Spears School of Business, any course designate (H), (D), (S), or (I)

3

**Hours Subtotal**

40

**Diversity (D) & International Dimension (I)**

May be completed in any part of the degree plan

Select at least one Diversity (D) course

Select at least one International Dimension (I) course

College/Departmental Requirements

**Mathematics**

MATH 2123 Calculus for Technology Programs I (A)
or MATH 2144 Calculus I (A)

MATH 2133 Calculus for Technology Programs II (A)
or MATH 2153 Calculus II (A)

**Natural Science**

PHYS 1214 College Physics II (LN)
or PHYS 2114 University Physics II (LN)

**Electronics**

CS 1113 Computer Science I (A)
EET 1104 Fundamentals of Electricity
EET 1244 Circuit Analysis I
EET 2303 Technical Programming
EET 2544 Pulse and Digital Techniques
EET 2635 Solid State Devices and Circuits

**Hours Subtotal**

33

**Major Requirements**

EET 3113 Circuit Analysis II
EET 3124 Project Design and Fabrication
EET 3254 Microprocessors I
EET 3264 Microprocessors II
EET 3354 Communication and Signal Processing
EET 3363 Data Acquisition
EET 3524 Advanced Logic Circuits
EET 3533 Introduction to Telecommunications
EET 4363 Digital Signal Processing
EET 4833 Industrial Project Design I
EET 4843 Industrial Project Design II
EET 3423 Applied Analysis for Technology (or GENT 3123)

MGMT 3013 Fundamentals of Management (S)

or IEM 3503 Engineering Economic Analysis
or IEM 3513 Economic Decision Analysis

STAT 4033 Engineering Statistics
or STAT 4013 Statistical Methods I (A)

Select 2 hours with prefix EET, MET, FPST, CMT, MATH, ECEN, MAE, CHE, CIVE, CS, or designated (N).

CS 2133 Computer Science II

Select 5 hours of upper-division CS

5

**Hours Subtotal**

57

**Total Hours**

130

**Graduation Requirements**

1. A minimum GPA of 2.00 is required in all courses with an EET, CHEM, MATH, or PHYS prefix.
2. A minimum grade of ‘C’ is required in each course that is a prerequisite to a required course.

**Additional State/OSU Requirements**

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
• Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.

• Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

• Degrees that follow this plan must be completed by the end of Summer 2025.