Electrical Engineering Technology, 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

Code  Title  Hours
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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  3
or ENGL 1313  Critical Analysis and Writing I  3

Select one of the following:  3

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

American History & Government

Select one of the following:  3

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  3

Analytical & Quantitative Thought (A)

MATH 1715  Precalculus (A)  5

Humanities (H)

Courses designated (H)  6

Natural Sciences (N)

Must include one Laboratory Science (L) course

PHYS 1114  College Physics I (LN)  4
or PHYS 2114  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)  3

Any course designated (S)  3

Additional General Education

Any Foreign Language, Speech, any course from the Spears School of Business, any course designated (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  3
Select at least one International Dimension (I) course

College/Departmental Requirements

Mathematics

MATH 2123  Calculus (A)  3
or MATH 2144  Calculus I (A)
MATH 2133  Calculus for Technology Programs I (A)
or MATH 2153  Calculus II (A)

Natural Science

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

Electronics

EET 1104  Fundamentals of Electricity  4
EET 1244  Circuit Analysis I  4
EET 2303  Technical Programming  3
EET 2544  Pulse and Digital Techniques  4
EET 2635  Solid State Devices and Circuits  5

Hours Subtotal  30

Major Requirements

EET 3113  Circuit Analysis II  3
EET 3124  Project Design and Fabrication  4
EET 3254  Microprocessors I  4
EET 3264  Microprocessors II  4
EET 3354  Communication and Signal Processing  4
EET 3363  Data Acquisition  3
EET 3524  Advanced Logic Circuits  4
EET 3533  Introduction to Telecommunications  3
EET 4314  Elements of Control  4
EET 4363  Digital Signal Processing  3
EET 4654  Microwave Techniques  4
EET 4833  Industrial Project Design I  3
EET 4843  Industrial Project Design II  3
EET 3423  Applied Analysis for Technology (or GENT 3123)  3

MGMT 3013  Fundamentals of Management (S)  3
or IEM 3503  Engineering Economic Analysis
or IEM 3513  Economic Decision Analysis

STAT 4033  Engineering Statistics  3
or STAT 4013  Statistical Methods I (A)

Select 5 hours with prefix EET, MET, FPST, CMT, MATH, ECEN, MAE, CHE, CIVE, CS, or designated (N).  5

Hours Subtotal  60

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.