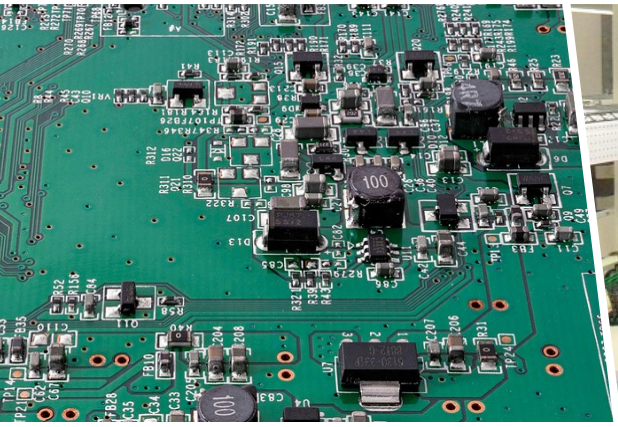
COLLEGE OF
ENGINEERING, ARCHITECTURE
AND TECHNOLOGY

ELECTRICAL ENGINEERING TECHNOLOGY

EET



WHAT IS ELECTRICAL ENGINEERING TECHNOLOGY?

Electrical Engineering Technology is the applied design, installation, manufacturing, operation and maintenance of electrical/electronic systems.

WHY ELECTRICAL ENGINEERING TECHNOLOGY AT OSU?

The Electrical Engineering Technology (EET) curriculum provides preparation for outstanding career opportunities not only in the electronics industry itself, but also in many other areas in modern industry that depend upon electronics for control, communications or computation. The program is laboratory-oriented and provides a strong foundation of specialized mathematics and science courses in applied electrical engineering and related technical areas.

HIGHLIGHTS

- The program is laboratory-oriented in applied electrical engineering with several courses available in the ENDEAVOR laboratory.
- Courses are taught by EET faculty who have extensive industrial experience.
- Program emphases is to use current application information and practices for specific technical problems.

CAREER INDUSTRIES & FOCUS AREAS

CAREER OPPORTUNITIES

- Design Engineer
- Electrical Engineer
- Avionics Engineer
- Product Engineer
- SLPC Technician
- Software Engineer
- Computer Engineer
- Programmer
- Systems Engineer
- Technical Consultant
- Applications Engineer
- Project Engineer
- Engineering Lab Technologist

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AND TECHNOLOGY

BACHELOR OF SCIENCE

ELECTRICAL ENGINEERING TECHNOLOGY

Typical Four-Year Curriculum

FIRST YEAR

Fall Semester

EET	1104	Fund of Elect
MATH	1715	Precalc
ENGL	1113	Fresh Comp I
HIST	1103	American History

Spring Semester

EET	1244	Circuit Analysis
EET	2303	Technical Programming
MATH	2123	Calc For Tech I
ENGL	1213	Freshman Comp II
POLS	1113	American Gov't

SECOND YEAR

Fall Semester

EET	2544	Pulse & Digital Tech
EET	2635	Solid State Device
MATH	2133	Calc for Tech II
PHYS	1114	Physics I

Spring Semester

EET	3254	Microprocessors I
EET	3363	Data Acquisition
SPCH	2713	Speech
PHYS	1214	Physics II
XXXX	XXXX	"H" Elective

THIRD YEAR

Fall Semester

EET	3124	Project Design & Fab
EET	3264	Microprocessors II
EET	3524	Adv'd Logic Circuits
GENT	3123	Applied Analysis Tech
XXXX	XXXX	Related Specialty Elective

Spring Semester

EET	3113	Circuit Analysis II
EET	3354	Signal Analysis & Com
EET	3533	Intro to Telecomm
XXXX	XXXX	Science Elective w/ Lab
MGMT	3013	Intro to Management

FOURTH YEAR

Fall Semester

EET	4314	Elements of Controls
EET	4654	Microwave Techniques
EET	4833	Industrial Projects I
STAT	4033	Engr Statistics
XXXX	XXXX	"S/I" Elective

Spring Semester

EET	4363	Digital Sign Processing
EET	4843	Industrial Projects II
EET	XXXX	Controlled Elective
EET	XXXX	Controlled Elective
XXXX	XXXX	"H/D" Elective

TOTAL HOURS: 130

Accredited by the Engineering Technology Accreditation Commission of ABET, http://www.abet.org.

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This course plan is for general guidance only. An official course plan will be provided upon enrollment.

Contact | ceat.recruitment@okstate.edu | (405)-744-5279