

B.S. Electrical Engineering Technology

The Bachelor of Science in Electrical Engineering Technology (BSEET) program is a two-year program intended to supplement the following two-year Associate of Applied Science programs offered by the ISU College of Technology: Energy Systems Electrical Engineering Technology, Energy Systems Instrumentation Engineering Technology, and Energy Systems Wind Engineering Technology. Previous graduates of those programs may directly enter the BSEET program.

All students earning a B.S. in Electrical Engineering Technology must complete all of ISU's General Education requirements. The program requires 54 credits of core and optional courses plus completion of all of ISU's General Education requirements.

EET 4473	Automatic Control Systems	3
EET 4475	Digital Signal Processing	3

Code	Title	Credits
Core Courses Required for Electrical Engineering Technology Major:		
ENGL 1102	Writing and Rhetoric II (Partially Satisfies General Education Objective 1)	3
ENGL 3307	Professional and Technical Writing	3
MATH 1170	Calculus I (Satisfies General Education Objective 3)	4
MATH 1175	Calculus II	4
MATH 3360	Differential Equations	3
CE 3361	Engineering Economics and Management	3
EET 2240	Introduction to Electrical Circuits	3
EET 2274	Introduction to Digital Systems	3
EET 2275	Introduction to Digital Systems Laboratory	1
EET 3340	Fundamentals of Electrical Devices	3
EET 3342	Fundamentals of Electrical Devices Laboratory	1
EET 3345	Signals and Systems	3
EET 4400	Senior Seminar	1
EET 4426	Computer Architecture and Organization	3
EET 4427	Embedded Systems Engineering	2
EET 4427L	Embedded Systems Laboratory	1
EET 4472	Electrical Machines and Power	3
EET 4472L	Electrical Machines and Power Laboratory	1
EET 4496	Senior Project	3
Option Courses (see below)		6
Total Credits		54

Code	Title	Credits
Electronics Option		
EET 3329	Introduction to Electronics	3
EET 4429	Advanced Electronics	3
Communications Option		
EET 3329	Introduction to Electronics	3
EET 4418	Communication Systems	3
Signal Processing and Control Option		