ELECTRICAL ENGINEERING TECHNOLOGY, ASSOCIATE

Program Description

LSSU's Electrical Engineering Technology (EET) Associate's program integrates knowledge from areas of study such as science, math, computers, and electrical engineering to prepare you for an engineering technology career.

The EET program includes topics such as C programming, robotics, digital and microcontroller fundamentals. Most technical classes in the curriculum include a laboratory along with the lecture.

Program Learning Outcomes

- Apply written communication in technical environments
- Describe and analyze circuits and other electrical systems and explain their use
- Use computers, electronic instrumentation and coding to analyze, synthesize and solve problems in engineering

Degree Requirements

Code	Title	Hours
Engineering and Engineering Technology Courses		
EGEE 125	Digital Fundamentals (C or better required)	4
EGEE 250	Microcontroller Fundamentals	4
EGET 270	Applied Electricity (C or better required)	4
EGET 275	Applied Electronics (C or better required)	4
EGME 141	Solid Modeling	3
EGNR 101	Introduction to Engineering	2
EGNR 265	C Programming	3
Mathematics and Science Courses		
CHEM 108	Applied Chemistry	3
CHEM 109	Applied Chemistry Lab	1
MATH 111	College Algebra (C or better required)	3
MATH 112	Calculus Business/Life Science	4
MATH 131	College Trigonometry (C or better required)	3
PHYS 221	Principles of Physics I (C or better required)	4
PHYS 222	Principles of Physics II	4
Free Elective [1]		3
Total Hours		**49**

[1] It is recommended for students intending to pursue a BS-EET degree, that the free electives should be EGNR 140 Linear Alg Num Apps Engineers and EGRS 215 Introduction to Robotics.

General Education: All LSSU Associate's degree candidates must complete the LSSU General Education Requirements.

A minimum of 62 credits (at the 100 level or higher) must be earned for graduation with a cumulative gpa of 2.00 or higher. A gpa of 2.00 or higher is also required in your Major, as well as in your General Education Requirements.