

GENERAL ENGINEERING, ASSOCIATE

Program Description

You should enroll in this program if you want to major in engineering but have not yet selected a specific field. You also should enroll in this program if you plan to transfer to an engineering program at another university after two years at Lake Superior State University.

Program Learning Outcomes

- Communicate in a technical environment
- Analyze electrical and/or mechanical systems by applying math, science, and/or engineering equations and techniques
- Use technical tools to solve engineering problems

Degree Requirements

Code	Title	Hours
Engineering Courses		
EGEE 210	Circuit Analysis	4
EGEM 220	Statics	3
EGNR 101	Introduction to Engineering	2
EGNR 140	Linear Alg Num Apps Engineers	2
EGNR 265	C Programming	3
EGNR 340	Numerical Methods Engineers	1
Approved Technical Electives (see advisor for details)		6
Mathematics and Science Courses		
CHEM 115	General Chemistry I	5
MATH 151	Calculus I	4
MATH 152	Calculus II	4
MATH 251	Calculus III	4
MATH 310	Differential Equations	3
PHYS 231	Appl Phys Engineer/Scientist I	4
PHYS 232	App Phy Engineer Scientist II	4
Total Hours		49

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

A minimum of 64 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.