COMPUTER SCIENCE, ASSOCIATE

Program Description

This degree provides an initial framework in computer science which allows you to branch into many career paths. Students complete a capstone real-world project in their sophomore year. You will often choose a project that relates to your specific interests, such as Web page design, database administration, and applications or systems programming.

Program Learning Outcomes

- Design and develop computer programs to meet specifications given to them. (Design)
- Assist in analyzing, implementing, and integrating appropriate solutions for networking, database, and coding to applications and systems frameworks. (Implementation)
- Use current software technologies and accepted best practices in software and systems design to help solve business and industrial problems. (Best Practices)
- Communicate technical information relative to problems and solutions to professionals in the field. (Communication)

Degree Requirements

Code	Title	Hours
Departmental Courses		
CSCI 103	Survey of Computer Science	3
CSCI 105	Intro to Computer Programming	3
CSCI 121	Principles of Programming	4
CSCI 163	Troubleshooting/Repair of PC's	3
or CSCI 415	Computer Org Architecture	
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CSCI 201	Data Structures and Algorithms	4
CSCI 211	Database Applications	4
CSCI 221	Computer Networks	3
CSCI 291	Computer Science Project	4
MATH 111	College Algebra [1]	3
MATH 207	Prin of Statistical Methods	3
Support Courses		
BUSN 121	Introduction to Business	3
Free Electives		8
Total Hours		**48**

[1] May be used for general education credit.

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 General Education Requirements. A gpa of 2.50 or higher is required in the Major.