DEPARTMENT OF COMPUTER & INFORMATION SCIENCE

CERTIFICATE OF PROFICIENCY IN COMPUTER PROGRAMMING

This program will provide students with the fundamentals of programming concepts, which could lead to an industry certification in the C++ programming language.

The certificate of proficiency in Computer Programming requires the following 13 semester credit hours:

- COMS 1013 Programming Foundations I and COMS 1011 Programming Foundations I Lab
- COMS 2203 Programming Foundations II
- COMS 2213 Data Structures
- MATH 2703 Discrete Mathematics

Curriculum

The curriculum below is a sample plan for all coursework required for this program.

First Year

Fall

- COMS 1013 Programming Foundations I and COMS 1011 Programming Foundations I Lab

Spring

- COMS 2203 Programming Foundations II
- MATH 2703 Discrete Mathematics

Second Year

Summer

COMS 2213 Data Structures