

PROGRAMMING IN C++ - CERTIFICATE OF SPECIALIZATION

The C++ Certificate of Specialization prepares students for entry-level employment in computer programming, software testing and integration, and software analysis. The curriculum offers students an introduction to programming in C++, intermediate problem solving in C++, and advanced C++ programming and design.

A grade of "C" or better is required in each course. Completed courses will appear on student's transcripts. However, the Certificate of Specialization will only appear on documents obtained directly through the CIT Department.

Program Learning Outcomes

- Read, analyze and explain C++ programs.
- Create algorithms and code, document, debug and test C++ programs using multiple source and header.
- Design solutions for applied problems using appropriate design methodology incorporating programming constructs.

Course	Title	Units
CIT 130A	Introduction to Programming Concepts and Methodologies in C++	4
CIT 130B	Advanced C++ Programming	4
Total Units		8