

Syllabus for “C++ Programming Language – level II”

Textbook

“C++ programming language” 3rd edition by Bjarne Stroustrup.

Description:

In this class, we will cover more advanced topics in C++ programming such as templates, STL(standard template library) and fundamental in design using C++ etc.

Objective:

At the end of the class, we expect people to learn how to use most advanced features in C++ and have good understanding about how to design using C++.

Prerequisite:

Some knowledge and C++ is required.

Time:

10 hours. 5 classes, 2 hours for each class, one class for each week.

Course Outlines:

Namespaces

Type Casting

Templates

Exception Handling

The Standard Library

Design Using C++