



Programming Using C++ Course Syllabus

Course Description:

The course aims to introduce students to the basics of computer programming using C++ language. The course will emphasize the use of supervised practical sessions, giving the student hands on programming experience.

Prerequisite Course(s):

None

Learning Objectives:

- To arm the trainee with the basic programming concepts.
- To introduce different techniques of Structured Problem Solving to the trainees.
- To arm the trainees with the necessary constructs of the C++ language.

Course Outline:

- Introduction to C++ and Borland C++ editor.
- Branch Statements (if, switch).
- Repetition (Iteration) Statements (for, while, do..while).
- Arrays.
- Complex structure types (struct keyword).
- Modularization and Functions.