

SYLLABUS	QMS DOCUMENT SWS	DOC No:SWS/EDU/SYL/11/Computer Science Page No: 1 / 1
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Computer Science with C++ Syllabus for Class 11
Session: 2018 - 2019

Term 1:

1. Computer Overview
2. Software Concepts
3. Data Representation
4. Microprocessor Basics and Memory Concepts
5. General OOP Concepts
6. Getting Started with C++
7. Data Handling
8. Operators & Expressions in C++
9. Flow of Control

Term 2:

- 10.C++ as per Latest C++ 11 Standard
- 11.Functions
- 12.Structured Data Type: Array
- 13.Structures
- 14.Programming Methodology

PRACTICAL:

Minimum 15 programs from the topics covered in class XI course.

- 5 Programs on Control structures
- 4 Programs on Array manipulations
- 4 Programs on String Manipulations
- 2 Programs on structure manipulations

PROJECT WORK:

Problems using String, Number, array and structure manipulation

Similar projects may be undertaken in other domains in a group of 2-4 students.

Date of Release 15/03/2018	Rev No: 00	Prepared by Mr. Roshan Subject Educator (NSD)	Verified by Ms. Veronica Wing Head (NSD)	Approved by: Mr. Abhay Mathur / Mr. Deepak Khaitan Principal / Director (NSD)
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