



SAAM INSTITUTE OF TECHNOLOGY

C++ with DSA SYLLABUS



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1st Month

Basic Introduction

Variable, Operator etc.

Decision Making Statements

Array

Pointer

Pattern Matching

Functions

Revision

Dought Class

OOPs Introduction

Class & Objects

Class Types with Access Mode

2nd Month

Data Member

Member Function

Revision

Inheritance

Polymorphism

Abstraction

Strings

Exception Handling

File & Stream

Encapsulation

Revision

Dought Class

3rd Month

Searching

Sorting

Link List

Stack

Queue

Graph

Tree

BST

Priority Queue

Dynamic Program

Revision