

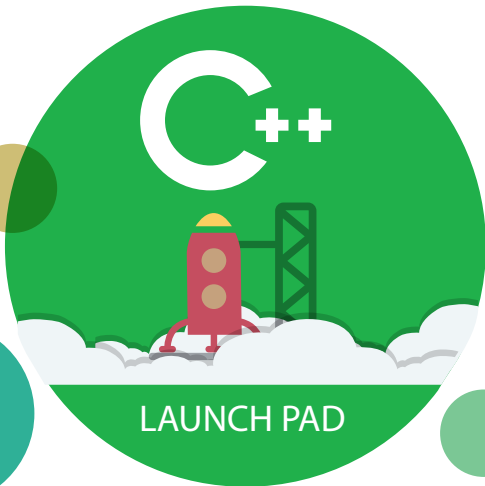
Course Content

Launchpad & Crux foundation courses



CODING BLOCKS

Code Your Way To Success



Logic Building

Flow Charts

Breaking problems into smaller chunks and examples

Pseudo-code

Getting used to the environment

IDE for the respective programming language

Debugging tools

Programming fundamentals

Datatypes

Variables

Functions

User Input/Output formatting

Tertiary operators

control flow statements

Structs

Pointers

File handling

Recursion/iterative

scope of variables

Typecasting, bitwise

OOPS Fundamentals

Class and object

public/private/protected methods etc

static methods

Inheritance/Polymorphism/Encapsulation

Abstract classes and interfaces

Data Structures

Order Complexity Analysis

Array

Linked lists

Stacks and queues

Trees

Heaps

Hashtables

Graphs

Tries

Dynamic Programming

Mixed/Interview problems and Code

Practice