

C WITH DATA STRUCTURES & C++

C LANGUAGE

INTRODUCTION TO C
CONDITIONS STATEMENTS,
BRANCHING & LOOPING
FUNCTIONS
ARRAYS & STRINGS
STRUCTURES AND UNIONS
FILE MANAGEMENT
POINTERS, PROCESSORS AND DATA STRUCTURES

C++

INTRODUCTION TO C++,
TYPES,FUNCTIONAL
COMPONENTS,ARGUMENTS
CLASSES & OBJECTS
INHERITANCE
VIRTUAL FUNCTIONS & POLYMORPHISM
I/O SYSTEMS BASICS, FILE I/O
EXCEPTIONS HANDLING & STL.

DATA STRUCTURES:

INTRODUCTION TO DATA STRUCTURES
DYNAMIC MEMORY ALLOCATION
POINTERS
RECURSION
SEARCHING & SORTING
STACK, QUEUE, LINKED LISTS
TREE – DEFINITION