

Course catalog for C++ Level I

Prerequisite: Programming knowledge ,

Fee : \$800 , **Timing :** Sat: 6pm-10pm , **Duration :** 2 month

BOOK : BY David Conger, (C++ Software Development for technology students)

Platform : Solaris10 OS.

Level I Control structure

- if
- if/else
- while loop
- for
- switch
- break
- continue
- == and = operator

Functions

- function prototypes
- function definitions
- recursive and iterations
- inline functions
- reference and reference parameter
- function overloading and function templates

Arrays

- Declaring arrays
- passing arrays to functions
- Searching arrays

Pointers

- Pointer variable
- calling function by reference
- arrays of pointers
- member and member functions

Project: Any of these two projects which will cover most of the things at basic level will be done in class :

- Matrics calculation(+,-,X,% etc)
- Gas station system
- Making calculator using switch commands and more...