

Course Title:	C Programming
Duration:	Five (5) Days
Class Schedule:	9:00am to 5:00pm
Target Participants:	Government and Private I.T. Personnel, Members of the Academe and College Graduates of Computer Science and I.T. related courses.
Total Hours:	35 Hours.
Course Description:	This course is a lecture and laboratory course that gives students theoretical background on designing programs (internal design process, function decomposition, logical and physical data organization, creating reusable parts, etc.) and allows them to practice proper program design by creating programs in C, based on given specifications.

Course Contents:

- C Fundamentals
 - Statements and Blocks
 - Basic Data Types
 - Constants and Variables
 - Arithmetic, Logical, and Relational Operators
- Control Structures
 - If / if-else
 - Switch
 - While, do-while, for loops
 - Break and continue
- Subprograms
 - Functions and procedures
 - Parameters passing
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- Arrays, Strings, and Pointers
- Command Line Arguments
- Structures
- File Handling
- Dynamic Memory Allocation