

1. CSE 110 Problem Solving - C Programming 3 Cr

This is the first course in Problem solving with C Programming. Topics include understanding and applying programming logic and logic development, constants, variables, data types, decision making, arrays, pointers and file processing

Module 1

- Logical Thinking & Programming Logic
- Solving Logical Puzzle
- Understanding a Program and its logic
- Understanding a Problem and Logic development
- Algorithm & Flow Chart

Module 2

- Introduction to Programming
- Constants, Variables & Data Types
- Operators & Expressions
- Managing Input & output operations
- Decision Making – Branching & Looping

Module 3

- Storage Classes
- Arrays
- Structure and Union

Module 4

- Pointers
- Dynamic Memory Allocation
- Link list

Module 5

- File Processing

