**Objecttive**

Describe about a program, and the way it works on computer.

Demonstrate about variables, expressions and basic operations and illustrate them by program examples.

Explain the meaning and use of Logic constructs in C Language. Describe about programming styles.

Describe about Modularity and Functions in C programs and their use.

Discuss about C Libraries and their use.

Discuss about Arrays and their use in C programs.

Discuss about Strings and their use in C programs.

Discuss about Files and their use in C programs.

**Plan**

Day 1: Course introduce, install tool, and module A: introduction C programming language

Day 2,3: Variable and memory operations + Workshop 1

Day 4,5,6: Logic constructs + Workshop 2

Day 7,8,9: Module D: Module and function in C + Workshop 3

Day 10,11,12: Pointer anh function pointer parameters +workshop 4

Day 13,14: Libraries and workshop 5

Day 15: recap and progress test 1

Day 16,17,18: Array and Algorithms + Workshop 6

Day 19,20,21 String + Workshop 7

Day 22, 23, 24: File + Workshop 8

Day 25,26: Practical exam and Evalution

Day 27: Progress test 2 + ASM Evaluation

Day 28,29,30: Practical + course review

**assessment**

Progress test 1,2: 10%

Workshop: 10% (8 item)

Asignment: 10%

Practical exam: 40% (85’)

Final exam: 30% (60’)