

A decorative border surrounds the central text area, consisting of various colored rectangles and lines in shades of green, brown, grey, and pink.

Basic Programming

Lecture 1 : Introduction

Course Overview

■ Course Topics

- Basics of C programming (Beginner Level)

■ Course Objectives

- Learn Basic Concepts and Knowledge of C Programming
- Learn Grammars of C Language
- Acquire Ability of Problem Solving and Program Design Using C

Evaluation

- Midterm Exam : 30%
- Final Exam : 30%
- Classwork : 20%
- Quiz:10%
- Class Participation, Attendance, Attitude : 10%

- You may get F grade if you miss (more than) $\frac{1}{4}$ of the whole classes

- Academic dishonesty (e.g. cheating, plagiarism, and etc.) will be taken seriously. Heavy penalty will be imposed

Course Information

- Professor Information
 - Email joarder@du.ac.bd

Announcement

■ Programming Assignments

- We encourage to study and discuss together for doing programming assignments.
- However, you must do programming **YOURSELF**.
- You must not share any of source code with other students.
- Any kind of academic dishonesty will be taken seriously.

Schedule

1	Overview of Computer System
2	Intro. to Programming Language, Program Compilation, and Execution
3	Simple C code, Variables, Data Types
4	Operators, Basics of I/O, Preprocessors
5	Control Structure 1
6	Control Structure 2
7	Function 1 (Basics)
8	Midterm Exam

Schedule

9	C Function 2 (call by value, math lib.)
10	Array 1
11	Array 2
12	Pointer 1
13	Pointer 2
14	Characters and Strings
15	Dynamic Allocation, I/O formatting
16	Final Exam

Text Book

- There is no required text book.

Class Formats

- Lecture on grammars of C programming language
 - Powerpoint slides
 - We will have lots of questions and discussion
 - English Lecture

Important Notice

- Academic Dishonesty
 - You must not turn in homework that is not yours.
 - You must prevent your work from being stolen.

- Academic dishonesty or bad class behavior will be seriously penalized