

IDS 201

Introduction to Business Programming

Spring 2006

Class: MWF 11:00 AM–11:50AM, BH 208

Lab: M 12:00PM-1: 00PM, TBA

Instructor: Kurian Tharakunnel (kthara1@uic.edu)

Office Hours: WF 12:30 PM – 1:30 PM

Office: UH2450

Phone: (312) 413-5404 (during office hours)

Textbook: Malik, D. S., *C++ Programming: From Problem Analysis to Program Design, Second Edition*, Course Technology, 2004, ISBN 061916042X.

Course Description

This is an introductory level course in computer programming for business students. No background in computer programming is assumed.

In this course, you will learn programming using C++. The emphasis will be on learning the basic concepts and structured programming aspects of C++. The course will also introduce the objected oriented design and programming aspects of C++. The focus of the course will be in developing skills for designing and writing programs through problem analysis and solution methodology.

This course is designed with the objective of “learning by doing”. A good amount of time in each lecture will be utilized for working out exercises related to the topics covered. You are expected to attend all the classes and know the announcements made in the classes. The lab time will be used to get hands-on experience with writing, debugging and running sample programs using a software development kit (SDK). We will be using Microsoft Visual Studio.NET in labs.

Course Outline

This course outline is for planning purpose only. The actual schedule may vary.

Week	Topic	Comments
Week 1 Jan-9	Ch 1-2 Introduction, Overview of Computers and Programming, Data Types	
Week 2 Jan-16	Ch 2 Arithmetic Operators, expressions, Structure of a C++ program	MLK Day, No class on Jan 16th
Week 3 Jan-23	Ch 3 Input/Output	
Week 4 Jan-30	Ch 4 Selection	Hw1 Due
Week 5 Feb-6	Ch 4 Selection	
Week 6 Feb-13	Ch 5 Repetition	HW2 Due, Exam I
Week 7 Feb-20	Ch 5 Repetition	

Week 8 Feb-27	Ch 6 Functions	HW 3 Due
Week 9 Mar-6	Ch 7-8 Functions, Enumeration Type	
Week 10 Mar-13	Ch 9 Arrays	HW4 Due
Week 11 Mar-27	Ch 14 Pointers	Exam II
Week 12 Apr-3	Ch 14 Pointers	
Week 13 Apr-10	Ch 11 Records	HW5 Due
Week 14 Apr-17	Ch 12 Classes	
Week 15 Apr-24	Ch 12 Classes	HW6 Due
Week 16 May-1		Final Exam (date to be announced)

Homework Assignments

There will be 6 homework assignments. All assignments should be done individually. We will be using the Blackboard system for assignment submission.

Class Quizzes

There will be 6 short pop quizzes. One of them will be dropped while computing final grades.

Exams

There will be two midterm exams and the final. No makeup examination will be given except in cases where prior permission is obtained for missing the exam by providing written proof.

Grading

Homework: 30%
 Quizzes: 15%
 Exam1: 15%
 Exam2: 15%
 Final: 25%

Course Administration

This course and its coursework are being administered under the policies of the University of Illinois at Chicago (UIC) College of Business Administration Honor Code. All students are expected to respect and uphold this code.

Violations of the Honor Code are just causes for discipline under the University of Illinois at Chicago Student Disciplinary Procedure, and all allegations of Honor Code violations shall be handled pursuant to that Procedure.

Honor Code for the College of Business Administration

As an academic community the College of Business Administration at the University of Illinois at Chicago is committed to providing an environment in which teaching, learning, research, and scholarship can flourish and in which all endeavors are guided by academic and professional integrity. All members of the college community – students, faculty, staff, and administrators – share the responsibility of insuring that high standards of integrity are upheld so that such an environment exists.

In pursuit of these high ideas and standards of academic life, as a student I hereby commit myself to respect and uphold the University of Illinois at Chicago (UIC) College of Business Administration Honor Code during my entire matriculation at UIC. I agree to maintain the highest moral and ethical standards in all academic and business endeavors and to conduct myself honorably as a responsible member of the college academic community. This includes the following:

- Not to seek unfair advantage over other students, including, but not limited to giving or receiving unauthorized aid during completion of academic requirements;
- To represent fact and self truthfully at all times;
- To respect the property and personal rights of all members of the academic community

