University of Illinois
College of Business Administration
Department of Information and Decision Sciences

SYLLABUS

IDS 201: Introduction to Business Programming - Fall 2012
Call #: 26964[lecture], 26963[lab]

Instructor: Yann T. Chang
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Lecture Time: 12:00pm - 12:50pm; Monday, Wednesday, Friday
Lect. Location: Taft Hall 117
Lab Time: 11:00pm - 11:45am, Monday.
Lab Location: SCE 408
Office Hours: 02:15pm - 04:15pm; Mon & Wed or by appointment

Course Description

This course is designed to study the basic concepts in computer programming such as variables, data types, control structures (sequence, selection, and repetition structures), function and sub procedures, Graphical User Interface (GUI), event-driven programming, as well as the basic concepts in object-oriented programming such as objects and classes. UML activity diagrams are used to explain the operation of many control structures. Many examples on how to use these concepts will be provided and discussed in class.

Course Objective

Upon completion of this course, the students will learn basic concepts in visual programming, GUI components, UML diagrams, event-driven and object-oriented programming.

Assignments and Exams

There will be four or five programming assignments. All programs must be written in Visual Basic language. All assignments are to be your own individual work. There will be one midterm and one final exams.

Grading

		Letter Grades Determination
4 or 5 Assignments	50%	A – 90% or above
Midterm Exam	25%	B – 80% and below 90%
Final Exam	25%	C – 70% and below 80%
		D – 60% and below 70%
		F – below 60%

Total Score Calculation

Total score = 0.50*(Average of Assignment Scores) + 0.25*Midterm + 0.25*Final

Depending on class performance, the grades might be curved.

Required Text

Title: Simply Visual Basic 2010: An App-Driven Approach.
Authors: Paul Deitel, Harvey Deitel, and Abbey Deitel
Publisher: Pearson Prentice Hall
Year Published: 2012
ISBN-13: 978-0-13-299060-8
Tentative Schedule

The schedule presented below is a tentative one. It is subject to change.

Week	Subject	Reading Assignments
1	Introduction	Before You Begin
	Test Driving a Painter App	Chapter 1
	Welcome App: Introducing the Visual Basic	
	2010 IDE	Chapter 2
2	Welcome App: Introduction to Visual App	
	Development	Chapter 3
	Designing the Inventory App: Introducing	
	Textboxes and Buttons	Chapter 4
3	Completing the Inventory App: Introduction	
	to Programming	Chapter 5
	Enhancing the Inventory App: Introducing	
	Variables, Memory concepts, and Arithmetic	Chapter 6
4	Wage Calculator App: Introducing Algorithms,	
	Pseudocode, and Program Control	Chapter 7
	Dental Payment App: Introducing Checkboxes	
	And Message Dialogs	Chapter 8
5	Car Payment Calculation App: Introducing the	
	Do While … Loop and Do Until … Loop	Chapter 9
	Class Average App: Introducing the Do … Loop	
	While and Do … Loop Until	Chapter 10
6	Interest Calculator App: Introducing the	
	For … Next Repetition Statement	Chapter 11
	Security Panel App: Introducing the	
	Select Case Multiple-Selection Statement	Chapter 12
	Review Chapters 1–12 for Midterm	
7	**Midterm on Monday: Chapters 1–12 (tentative)**	
	Enhancing the Wage Calculator App:	
	Introducing Function and Sub Procedures	Chapter 13
8	Shipping Time App: Using Date and Timers	Chapter 14
	Fund Raiser App: Introducing Scope, Pass-by-	
	Reference, and Option Strict	Chapter 15
9	Flag Quiz App: Introducing One Dimensional	
	Arrays and ComboBoxes	Chapter 17
	Student Grade App: Introducing Two Dimensional	
	Arrays and RadioButtons	Chapter 18
10	Microwave Oven App: Building Your Own Classes	
	and Objects	Chapter 19
	Shipping Hub App: Introducing Generic	
	Collections, LINQ, For Each … Next and	
	Acess Key	Chapter 20
11	Typing App: Introducing Keyboard Events, Menus,	
	Dialogs, and the Dictionary Collection	Chapter 21
	Screen Scraping App: Introducing Screen	
	Processing	Chapter 22
12	Ticket Information App: Introducing	
	Sequential-Access Files	Chapter 23
13	Enhanced Car Payment Calculator App:	
	Introducing Exception Handling	Chapter 24
14	CheckWriter App: Introducing Graphics and	
	Printing	Chapter 25
15	Address Book App: Database and LINQ	Chapter 27
	Review Chapters 13–15, 17–25, and 27 for final exam	
16	**Final Exam: Chapters 13–15, 17-25, and 27 (tentative)**	
	Date and Time: To be announced.	

College of Business Administration
University of Illinois at Chicago

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.

An abbreviated version of the Honor Code pledge may be printed on course syllabi, exam booklets, and other uses as deemed appropriate. The abbreviated version is as follows:

> This course and its associated 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.

Honor Code Violations and Enforcement

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.

(For a complete description of just causes for discipline, disciplinary procedures, and sanctions, see the pamphlet "Student Disciplinary Procedure of the Senate Committee on Student Discipline," available from the Office of the Dean of Students, SSB, Suite 3030, 1200 W. Harrison St., M/C 318.)

Honor Code Council

The Honor Code Council shall be formed consisting of two faculty members elected by faculty vote and six student members (two graduate students and four undergraduate students) appointed by the Assistant Dean for Student Services through recommendation of the Dean's Advisory Council (DAC). Each member will serve a term of one academic year, beginning in August. The Council shall elect a chairperson and a secretary.

The duties of the Honor Code Council shall include:
- Recommend changes in the Honor Code.
- Inform all students, staff, and faculty of the Honor Code and the procedures to be followed for pursuing alleged Honor Code violations.
- Ensure that the Honor Code is prominently displayed within the College of Business Administration and on course syllabi and exam booklets.
- Ensure that the Honor Code and related information are accurately described in the Graduate and Undergraduate catalogs.
- Work with the Office of Student Services to include the Honor Code in its promotion of the University of Illinois at Chicago College of Business Administration to potential students.
- Work with college administration to ensure that the Honor Code statement is signed by all students prior to their enrollment in the college.
- Inform all UIC faculty, staff, and students of the Honor Code of the College of Business Administration, and encourage the adoption of its principles.