

CIS 202 PROGRAMMING In Visual Basic (Spring 2014 Semester)

Instructor: Walid Ghanim
Phone: 355-6428

Office: 802B (office hours are posted)
email: walid.ghanim@imperial.edu

Text and Materials Clearly Visual Basic Programming with Microsoft Visual Basic 2010 **Second Edition**
Author: Diane Zak ISBN: 9781111530150

Additional Materials: Storage Media.

Course Description: This is a beginning course in programming in Visual Basic to prepare programmers and students of closely related occupations for employment in business and industry. Syntax of the Visual Basic language will be emphasized. The course covers program design and logic, program development, and provides hands-on experience in realistic application programming.

Recommended Preparation: Knowledge of a computer programming language.

Student Learning Outcomes:

Upon completion of this course, the student will be able to:

- Design programs so that they are easy to read, debug, modify and maintain.
- Write well-designed structured Visual Basic programs in their entirety.
- Be familiar with programming tools such as pseudocode and hierarchy charts.

Grade: Your class grade is based on the following:

Chapter Tests.....	30%
Projects	20%
Midterm.....	25%
Final	25%

Course Grading Scale

90-100% =A
80-89% =B
70-79% = C
60-69% = D
0-59% = F

Reduction of points will result from any of the following:

- Non-documentation of programs
- Late submitted work.
- Non-participation in course activities.

Any student with a documented disability who may need educational accommodations should notify the instructor and the Disabled Student Programs and Services (DSP & S) office as soon as possible.

DSP&S
Room 2117 Health Sciences Building
(760) 355-6312

If an emergency prevents you from attending class, it is your responsibility to obtain notes from a classmate and study them for understanding. If class notes and the text do not provide sufficient explanation, please call or see the instructor during office hours. All work submitted for grading must be your own.

Withdrawing from the course: Maintain control of your own records. If you decide not to continue in this class, please drop the course via Webstar prior to the drop deadline. Do not automatically assume the instructor will do this for you

Course Schedule

Week 1 Course Introduction
Week 2 Chapter 1 Control Structures
Week 3 Chapter 2 Problem-Solving Process
Week 4 Chapter 3 Introduction to Visual Basic 2010 (Exam Chapters 1 & 2)
Week 5 Chapter 4 Designing Interfaces
Week 6 Chapter 5 Assignment Statements (Exam Chapters 3 & 4)
Week 7 Chapter 6 Variables and Constants
Week 8 Chapter 7 Syntax and Logic Errors
Week 9 Midterm Exam (Chapters 1-7)
Week 10 Chapter 8 Selection Structure
Week 11 Chapter 9 Nested Selection Structures
Week 12 Chapter 10 Multiple-Alternative Selection Structures (Exam Chapters 8 & 9)
Week 13 Chapter 11 Selecting Test Data
Week 14 Chapter 12 Pretest Loops
Week 15 Chapter 13 Posttest Loops
Week 16 Final Exam

The above schedule and procedures are subject to change in the event of extenuating circumstances.