

**MASTER SYLLABUS**

**Course Number & title:** BUS 370 – Programming for Business I  
**Department(s):** Accounting/MIS  
**Credit hours:** 3  
**Prerequisites:** BUS 221  
**Fees and charges:** None

**Effective catalog date for this master syllabus:** 2007-2008

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**1. Catalog description:**

An introduction to computer programming in the business environment. Using Visual Basic, students will design, flowchart, program, enter, test, debug, and document programs of minimal to medium degree of difficulty.

**2. Course content:**

The course will cover the following topics:

- a. The VB.Net IDE
- b. VB.Net Controls
- c. Control Structures (sequence, selection, and iteration)
- d. Variables and Scope
- e. Procedures and Functions

**3. Student learning objectives:**

Upon completion of the course, students will:

- a. Use the Visual Basic IDE to design and implement applications with user friendly interfaces.
- b. Design complete and efficient programmatic solutions.
- c. Use structured programming concepts (i.e., sequence, selection, and iteration) to develop well-structured applications.

**4. Student assessment criteria:**

Students will be assessed through a combination of programming assignments and exams.

**5. Instructional approach:**

The material in this class will be presented primarily through lectures and programming demonstrations. The lecture material will be reinforced through the extensive use of laboratory assignments using the Visual Basic .Net programming language.

**Textbook:** Deitel, P.J. and Deitel, H.M. Simply Visual Basic 2005 (Second Edition), Upper Saddle River, NJ: Prentice Hall, 2007