

University of Maryland Baltimore County
Department of Information Systems

IS 246 - Topics in Programming Languages and Tools
Visual Basic
Summer 2015

T/TH 9:00 – 12:10 (ITE467)

Instructor: Dana Smith

Office: ITE 417

Phone: 455-2646

e-mail: dasmith@umbc.edu

Office Hours: by appointment only, but usually on campus from 9:00 to 12:00pm, Monday - Thursday

Course Description

To introduce the student to the basic concepts of computing and to learn to implement computer programs in the Visual Basic 2012 programming language.

Learning Objectives

1. Learn the basic concepts of computing.
2. Understand and practice the planning and development methods for computer programs.
3. Learn fundamental programming terminology and logic structure.
4. Develop working programs using the Visual Basic development environment.

Required Materials

An introduction to programming using Visual Basic 2012, ninth edition,
by David I. Schneider (Pearson).

Course Requirements

The student is responsible for all assigned readings and for all material and information presented during class. Attendance and punctuality are expected. If unable to attend class, it is your responsibility to check blackboard and get all the assignments, handouts, and information for the class missed.

Cell phones are to be turned off during lecture.

Class Format

This course will use lectures and labs as primary teaching formats. Considerable time will be spent working on hands-on activities, where the student will work on various programming exercises using Visual Basic.

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Assignments

Various chapter related projects will be assigned throughout the semester. They will mainly consist of homework assignments, and a project. The project will be explained in greater detail as the course progresses. All work must be turned in by the assigned deadlines, points will be deducted for lateness.

Exams

Exams will consist of multiple choice, and questions that require essay type answers, problem solving or programming. Although the focus of exams will be on the chapters covered, each student is accumulating course content and will be responsible for all chapters covered up to that time. Make up exams will be administered only with proof of an extenuating circumstance and will be distinct from the test given in class.

CourseGrading

The course grade will be comprised of :

Exam 1	35%
Exam 2	35%
Homework	10%
Project	20%

Online course evaluation

The Information Systems department is now using an online course evaluation system. As usual, the evaluations will take place near the end of the semester. It is very important that each student complete evaluations for each IS class taken. The IS department will email reminders towards the end of the semester.

Scholastic Misconduct

By enrolling in this course, each student assumes the responsibilities of an active participant in UMBC's scholarly community in which everyone's academic work and behavior are held to the highest standards of honesty. Cheating, fabricating, plagiarism, and helping others to commit these acts are all forms of academic dishonesty and they are wrong. Academic misconduct could result in disciplinary action that may include suspension or dismissal. Full policies on academic integrity should be available in the UMBC Student Handbook, Faculty Handbook, or the UMBC Policies section of the UMBC Directory. Please note that scholastic misconduct will be handled by the appropriate authorities in the department and the university.

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Student Support Services

UMBC is committed to eliminating discriminatory obstacles that disadvantage students based on disability. Student Support Services<http://www.umbc.edu/ssss/html/ssss_disab.htm>(SSS) is the UMBC department designated to receive and maintain confidential files of disability-related documentation, certify eligibility for services, determine reasonable accommodations, develop with each student plans for the provision of such accommodations, and serve as a liaison between faculty members and students regarding disability-related issues. If you have a disability and want to request accommodations, contact SSS in the Math/Psych Bldg., room 213 or at 410-455-2459. SSS will require you to provide appropriate documentation of disability. If you require accommodations for this class, make an appointment to meet with me to discuss your SSS-approved accommodations."

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Tentative Class Schedule

Week	Topic	Readings
May 26/28	Syllabus; Blackboard, VB work environment, Events	Chapter 1, 2
June 2/4	Numbers, Strings,I/O,	Chapter 2,3
Jun 9/11	Decisions, Procedures , Database handout	Chapter 4,5
Jun 16/18	Exam 1, Repetition, Database exercise	Chapter 6
Jun 23/ 25	Database Management	Chapter 10handout
Jun 30/Jul 2	Database, additional controls, Exam 2	Chapter 9