
CIS 125 Syllabus

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Abstract

CS 125 Syllabus, Visual Basic .NET I, Spring 2006

Objectives

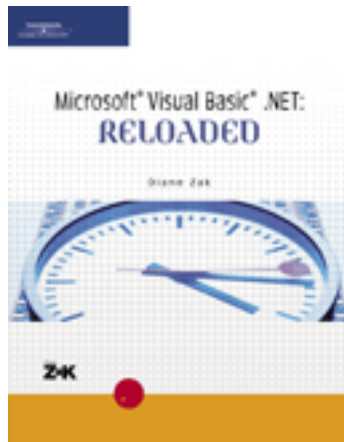
Introduction to computer programming for non-CIS majors and CIS majors with no previous programming experience. Includes computer hardware and operating systems concepts necessary for program coding, compilation, and execution; problem-solving techniques using object-oriented methods with Visual Basic .NET; and programming, program testing, documentation issues and techniques.

Prerequisite

MATH 110 (Elem. Alg.) or equivalent with a grade of C or higher.

Text

Figure 1. Textbook



Diane Zak, Microsoft Visual Basic .NET Reloaded, Course Technology, 2004.

Class Policies

Attendance

Attendance is highly recommended. If you have to miss a lecture, you are responsible for obtaining the notes and handouts from a fellow student. To document your presence, a roll sheet will be passed around

during each class period.

Time Outside of Lecture/Lab

Plan to spend 5-10 hours each week on this class.

Book CDs

A packet of 5 CDs comes with your text. This is the Microsoft Visual Studio 2003 platform with the Visual Basic compiler. Install this on your home computer. The compiler is also installed in the CIS computer lab, 19-120.

Class Etiquette

ARRIVE ON TIME and do not leave before class is dismissed. Turn off your cell phone and pager before entering the classroom. Talking in class or other disruptive behavior is unacceptable.

Tests

Make-up tests will be much more difficult than the original exam. You can prearrange to take the test ahead of time.

Homework / Programs

All assignments are due at the BEGINNING of class.

Need for Assistance

If you have any condition, such as a physical or learning disability, which I should be aware of, please notify me as soon as possible.

Academic Dishonesty

Plagiarism and cheating are serious offenses and may be punished by failure on exam, lab or project; failure in course; and or expulsion from the College. For more information refer to the "Academic Dishonesty" policy in the College Catalog.

Grading

Letter grades are determined using a standard percentage point evaluation as outlined below. Grades may be curved after the total semester points have been tabulated. However, do not count on a curve to obtain your desired grade.

Table 1. Grading Scores

Letter	Percent
A	90 - 100%
B	80 - 89%
C	70 - 79%
D	60 - 69%

Letter	Percent
F	Below 60%

Table 2. Grading Breakdown

Tests (3)	45% (15% each)
Final	20%
Programs	25%
Homework / Excercises / Quizes	10%

Table 3. Course Outline

Test 1	<i>Chapt. 1: An Introduction to Visual Basic .NET</i> <i>Chapt. 2: Creating a User Interface</i> <i>Chapt. 3: Variables, Constants, Methods, and Calculations</i>
Test 2	<i>Chapt. 4: Making Decisions in a Program</i> <i>Chapt. 5: Repeating Program Instructions</i> <i>Chapt. 6: String Manipulation</i>
Test 3	<i>Chapt. 7: Sub and Function Procedures</i> <i>Chapt. 8: Sequential Access Files and Error Handling</i> <i>Chapt. 9: Arrays</i>
Final	<i>Chapt. 10: Structures and More Controls</i> <i>Chapt. 11: Creating Classes and Objects</i>

Teaching Methods

Lectures: Important material from the text and outside sources will be covered in class. Students should plan to take careful notes as not all material can be found in the texts or readings. Discussion is encouraged.

Assignmnets: Typically homework is computer programming assignments. However, other types of assignments may be required, such as short papers, or design plans.

Exams: There are three exams. They occur approximately every 4 weeks. Most exams have a coding component that is done in the lab.

Final: The final exam is not comprehensive in nature. However, I may retest material that was not appropriately comprehended.

Websites: All material is distributed on the Internet. There are two websites associated with this class. Class Site: <http://www.smccd.net/accounts/nilsonk/smc2006springcis125/s06cis125welcome.html> Go here for assignments, handouts, and class announcements. Text Publishers: <http://www.course.com> [<http://www.course.com>] Search on book title to find the correct page.