

CSIT-808 Programming in Visual Basic

Prerequisites: CSIT 802, or the combination of CSIT 806 and CSIT 807.

Description: This course teaches the development of programs and program modules for Windows applications. It provides an introduction to programming using an event driven programming language. Microsoft's Visual Basic.NET will be used.

Section:

Meetings: Tuesday LEC 5:45pm - 7:50pm in E-107
LAB 7:50pm - 9:55pm in E-107

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Text: Starting Out With Visual Basic 2010, 5/E
Tony Gaddis, Haywood Community College
Kip R Irvine, Florida International University
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Schedule:

Week	1	-	Tue, Feb 5	Ch. 1. Introduction to Programming and Visual Basic
Week	2		Tue, Feb 12	Ch. 2. Creating Applications with Visual Basic
Week	3	-	Tue, Feb 19	Ch. 3. Variables and Calculations.
Week	4	-	Tue, Feb 26	Ch. 4. Making Decisions
Week	5	-	Tue, Mar 5	Ch. 5. Lists and Loops
Week	6	-	Tue, Mar 12	Ch. 6. Procedures and Functions
Week	7	-	Tue, Mar 19	Review
Week	8		Tue, Mar 26	Midterm Exam (6:00 PM - 8:00 PM)
Week	9	-	Tue, Apr 2	Spring Break. No Class Meeting
Week	10	-	Tue, Apr 9	Ch. 7. Multiple Forms, Standard Modules, and Menus
Week	11	-	Tue, Apr 16	Ch. 8. Arrays and More
Week	12	-	Tue, Apr 23	Ch. 9. Files, Printing, and Structures
Week	13	-	Tue, Apr 30	Ch. 10. Working with Databases
Week	14	-	Tue, May 7	Ch. 11. Developing Web Applications
Week	15	-	Tue, May 14	Ch. 12. Classes, Collections, and Inheritance
Week	16	-	Tue, May 21	Review
Week	17	-	Tue, May 28	Final Exam (6:00 PM - 8:00 PM)

Grading: Lecture attendance and participation	10%	Lecture and lab attendance is mandatory.
Quizzes	15%	There will be a quiz after each chapter containing 5-10 multiple choice questions to be answered in 10 minutes (1-2 minutes per question).
Homework assignments and projects	25%	There will be 10 homework assignments from "Programming Challenges" at the end of each chapter.
Midterm	25%	30-40 multiple choice questions in 2 hours (3-4 minutes per question).
Final	25%	30-40 multiple choice questions in 2 hours (3-4 minutes per question).
Total	100%	