

COURSE OUTLINE OF RECORD

Dept., Number	CSC 1308	Course Title	Intro/Programming (VB.Net)
Semester Hours	3		
Year	2006	URL (if any):	

Current Catalog Description:

This course provides an introduction to event-driven programming using Visual Basic or a similar programming language. Topics include the programming environment, objects, events, code, properties, statements, subprograms, data types, input-output, and user interface design. Prerequisite: CSC 1307 or Permission of the Department Chairperson.

Textbook:

1. Textbook: MICROSOFT VISUAL BASIC.NET STEP BY STEP; Michael Halvorson; ISBN: 0-7356-1374-5

Course Goals:

To provide students with the skills to:

1. Develop event driven applications using the Microsoft .NET Framework and VB.NET
2. Utilize the intrinsic Toolbox Controls to achieve Rapid Application Development (RAD).
3. Use variables, operators, decision structures, and loops to process data in a logical fashion.
4. Use arrays, collections, text files, and string processing to manage data.
5. Deploy a Visual Basic .Net application.

Prerequisites by Topic: None

Major Topics Covered in the Course (weeks):

- I Getting Started With Microsoft Visual Basic .Net
- II Programming Fundamentals
- III Managing Corporate Data

Laboratory Projects:

Estimate Curriculum Category Content (Semester hours)

Area	Core	Advanced	Area	Core	Advanced
Algorithms			Data Structures		
Software Design			Prog. Languages		
Comp. Arch.					

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Oral and Written Communication:

Social and Ethical Issues:

Theoretical Content:

Problem Analysis:

Open-Ended Design: