

Computer Science 177AD – Visual Basic .NET

Instructors: Jack Lewin / Mike Yendrek

Email: JackLewinGWC@aol.com, myendrek@gwc.cccd.edu

***** Lectures Available on Web Site: www.tsquarec.com *****

Instructors: (Golden West College, UCI & Cerritos College)

- C/C++/C#
- ASP .NET
- Visual Basic .NET, Visual Basic 6.0(Beg., Int., Adv.)
- SQL Programming, SQL Server, Database Design
- Data Structures, Adv. Access/Crystal Reports

COURSE OBJECTIVE

Software development in Microsoft Visual Studio .NET (2005) Framework.
Topics covered include Windows, Web Services, databases, components, and graphics programming with Visual Basic .NET.

TEXTBOOK:

An introduction to Programming using Visual Basic 2005

Sixth Edition

Author: David I Schneider

Publisher: Prentice Hall

ISBN: 0-13-030654-1

GRADING

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

Lab Assignments	30%
Midterm	30%
Final	40%

SCHEDULE

- | | | |
|-----------|-----------------|---|
| 1 | 09/01/06 | Introducing Microsoft .NET
Demonstrating Using Windows Forms
Modules and Variables |
| 2 | 09/08/06 | Control Flow and Error Handling
Class Fundamentals
Debugging |
| 3 | 09/15/06 | Class Fundamentals (continued)
Inheritance |
| 4 | 09/22/06 | Interfaces, Delegates & Attributes
.NET Framework Basic Types |
| 5 | 09/29/06 | Arrays, Lists, and Collections
Files, Directories, and Streams |
| 6 | 10/06/06 | Object Serialization
Threading |
| 7 | 10/13/06 | Reflection
Review |
| 8 | 10/20/06 | Midterm |
| 9 | 10/27/06 | Windows Forms Applications
Windows Forms Controls |
| 10 | 11/03/06 | Advanced Win32 Techniques
User Controls and Custom Controls |
| 11 | 11/10/06 | Holiday |
| 12 | 11/17/06 | ADO.NET in Connected Mode
ADO.NET in Disconnected Mode |
| 13 | 11/24/06 | Holiday |
| 14 | 11/31/06 | Web Services
XML and ADO .NET |
| 15 | 12/08/06 | Web Forms and Controls
ASP .NET Applications |

16 12/15/06

Final

NAME: _____
(Last) (First) (Middle Init)

EMAIL Address _____

Describe any computer-based classes which you may have taken previously. Include the name of the class, the type of computers used and when you completed the work.

Describe any computer-based experience. Include the type of work, type of computer system and when this activity occurred.

Do you have any exposure to any of the following?

.NET Languages (C#, VB .NET)

Database Concepts

Internet

Object Oriented Programming Concepts