

**PROGRAM:** Web Design & Development

**INSTRUCTOR:** Steven Lane

**COURSE:** WEB340 - Designing for Server-Side Technology

**LESSON PLAN:** Week 1

**Duration:** 5.00 Total Hours Per Class

**Time:** F1 Friday: 8am-1pm

#### Performance Objectives:

1. Course Introduction: spreadsheet, naming conventions, collaborative learning & working as a team.
2. Installation of MAMP/WAMP
3. Gain an introductory knowledge of Web Development, WWW, Web Development as pertains to MS Visual Web Developer Express.
4. Introduction to ASP.NET & C#; MS .NET Framework & data types

#### Instructional Materials Needed:

Gosselin, Don. ASP.NET Programming with Visual C# and SQL Server ISBN-13: 978-1-4239-0324-6

#### Equipment / A-V Materials Needed:

PC Computer, Version of MAMP/WAMP, Projector, IADT Portal, Applicable Software from textbook & Course Postings at: <http://iadt.icir.com/web340>

#### Instructional Methods:

Lecture, classroom discussion, demonstration, handouts, presentations, videos, internet research, writing assignments, quizzes and lab activities and class critiques

#### Discussion:

- I. Download, install and review contents of Textbook CD such as Chapter Exercises & Solutions & other required software from websites.
- II. Chapter 1 Introduction to Web Development
  - Study the history of the World Wide Web
  - Learn about Web development
  - Learn about Microsoft Visual Web Developer 2008-10 Express Edition
  - Work with well-formed Web pages
- III. Chapter 2 Getting Started with ASP.NET and C#
  - Introduction to the Microsoft .NET Framework & ASP.NET & the basic .NET data types
  - Create basic ASP.NET Web pages
  - Work with variables, constants, and data types
  - Use expressions and operators
  - Learn about operator precedence

#### Lab Activities:

Explore and become familiar with ASP.NET Programming with Visual C# and SQL Server

#### Homework / Outside Reading Assignment

##### Reading Assignments:

- Chapter 1 Introduction to Web Development; Complete Chapter Short Quizzes, Comprehension Check, Reinforcement Exercises & Discovery Projects
- Chapter 2 Chapter 2 Getting Started with ASP.NET and C#; Complete Short Quizzes, Comprehension Check, Reinforcement Exercises & Discovery Projects
- Appendix A - Working With Arrays

- Complete download, installation & review contents of Textbook CD and Chapter Exercises & Solutions from textbook, Microsoft & iadt.icir websites