

CENTER FOR INNOVATIVE TECHNOLOGIES
MASTER COURSE DOCUMENT

CPDM 152 ASP.NET C# 2

Course Description: A continuation of CPDM 151. Topics include: advanced ASP.NET server controls, building custom classes, Web services, designing Web applications from abstract requirements, and effectively utilizing online reference materials.

Prerequisites(s): IT 112, CPDM 145, CPDM 151

Corequisite(s): No corequisite

Lecture Hours: 2	Lab Hours: 3	Credit Hours: 3
Lab Fee: 105	Supplemental Fee: 0	Purpose:
<input type="checkbox"/> Transfer Assurance Guide Course (TAG)	<input type="checkbox"/> Transfer Module Course (TM)	
Course Format: Lec/Lab		Grading: A/B/C/D/F/I
Delivery Method: <input checked="" type="checkbox"/> Web <input type="checkbox"/> Hybrid <input type="checkbox"/> Classroom		
Semesters Offered: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input checked="" type="checkbox"/> Summer		

Course Primary Text:

Title: Professional ASP.NET 4 in C# and VB	Edition:
Author(s): Bill Evjen, Scott Hanselman, and Devin Rader	
Publisher: Wrox	

Supplemental Materials:

Visual Studio Professional
SQL Server Management Studio

Course Outcomes:

1	To master working with and manipulating data
2	To master working with data source controls
3	Understand and demonstrate ability to work with key ADO.NET features
4	Ability to tie applications to MS/SQL and Oracle
5	Simplify query operations with LINQ
6	Understand the various options for application compilation
7	Apply JavaScript to web forms
8	Understand working with asynchronous commands

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Course Topics:

Week 1	Application and Page Frameworks Client Side Script
Week 2	Coding with C#
Week 3	Continue Coding with C#
Week 4	Data Binding
Week 5	Continue – Data Binding Test 1
Week 6	Data Managements with ADO.NET
Week 7	Querying with LINQ
Week 8	Working with XML and LINQ to XML
Week 9	File I/O and Streams
Week 10	Test 2
Week 11	ASP.NET AJAX
Week 12	ASP.NET AJAX Control Toolkit
Week 13	ASP.NET Model View Control Using Business Objects
Week 14	ADO.NET Entity Framework ASO.NET Dynamic Data
Week 15	Final Exam

Methods of Evaluation/Assessment

Assignments - 55%
Tests - 45%

Course Keeper: Bob Nields

Date Completed: 4/5/2019