BSE 1204 Introduction to Internet Programming (4 CU)

Course Objectives On successfully completing this course, students will be able to: (i) Set up a

.Net development including environment, including MSDE; (ii) Apply core ASP.NET technologies to develop Web applications; (ii) Author server-side ASP.NET code in C#; (iv) Create Web applications using ADO.NET to interact with SQL Server; and (v) Write ASP.NET pages that integrate into traditional DHTML-driven pages.

Course Content This course covers ASP.NET development fundamentals, providing hands-on experience through the building of a fully functional time and expense tracking application like TimeEx. Starting with an overview of server-side technologies, it then goes into the C# (C Sharp) programming language commonly used for ASP.NET and database development utilizing MSDE (Microsoft SQL Server Desktop Engine). Particular attention is given to techniques for integrating ASP.NET pages with the advanced client-side (DHTML) technologies covered first

References

• Build Your Own ASP.NET Website Using C# &VB.NET, by Zak Ruvalcaba, 1st Edition, ISBN: 0-9579218-6-1, 2005

• Internet & World Wide Web: How to Program by Paul J. Deite and Harvey M. Deitel, ISBN-

10: 0131752421, Prentice Hall; 4 edition , September, 2007

• ASP.NET Unleashed: unleashed By Stephen Walther, Sams Publishing, 2003 ISBN 067232542X,

9780672325427

• Internet Programming with VBScript and JavaScript (Web warrior series), by Kate Kalata, Course Technology, 1st edition, December, 2000. ISBN-10: 0619015233