



A POLYTECHNIC INSTITUTION

School of Business

MDIA 4315

Program: Certificate in Web Technologies

Using ASP in Web Publishing

Prerequisites:

Completion of the Associate Certificate or equivalent
May be taken as a stand-alone course with MDIA
1205/1206, 2205, and 3207 or equivalent as
prerequisites.

Course is a prerequisite for:

Completion of the Certificate Program

Hours/Week:	3	Lecture:	3	Lab:	3	Total Hours:	36	Level:	Certificate
						Total Weeks:	12	Credits:	3

Course Description:

This course will introduce you to the fundamentals of creating dynamic, interactive Web pages using Active Server Pages (ASP) technology. Topics will include: an introduction to ASP, ASP syntax, an introduction to VBScript, the request, response, server, application, and session objects, working with components, and connecting databases to ASP pages. Projects for the course will include creating an interactive guest book, a virtual radio station, a chat room, a classified ads database, and a restaurant menu database. As part of the requirements you will set up a Personal Web Server (PWS) or Internet Information Server (IIS) on your own PC in order to test your code.

Evaluation

		Comments:
Assignment 1	15%	Using date functions with response.write
Assignment 2	15%	Value-added features using ASP
Assignment 3	20%	Using built-in ASP components
Assignment 4	20%	Creating ASP applications without a database
Assignment 5	30%	Creating ASP applications using a database
Total	<u>100%</u>	

Course Learning Outcomes:

At the end of this course the student will be able to:

- set up their PC to use PWS (Personal Web Server) or IIS (Internet Information Server) to deliver ASP pages,
- describe the basic structure and syntax of ASP pages,
- list the advantages and disadvantages of using ASP,
- describe the basic structure and syntax of simple VBScripts,
- employ simple VBScripts in ASP pages,
- describe the ASP object model,
- use the request and response objects in ASP pages,
- work with dates in ASP/VBScript,
- illustrate the use of the server objects,
- describe the application and session objects,
- use server includes in ASP pages,

- employ the basic ASP components in ASP pages, and
- edit, adjust, and re-design pre-built ASP application scripts to serve specific needs.

Text(s) and Equipment:

Required: None

Recommended: None