Course Outcome Guide (COG)

Course:	CIS 250 – Advanced Web Design	Credits:	3	Instructor:	TBD	
Course Description:	Continued coverage of web design using more advanced tools such as Java Script, XML, CGI, or Perl.					

Concepts and Issues	Process Skills	Assessment Tasks	Intended Outcomes		
			Course	General Education or Program	Institutional
Terminology Project Management Planning Critical Thinking Extension (of ideas) Creativity Internet-related issues	Plan a complete web site including content, search, site map and other features Add search capability to a web site Add key words to a web site to facilitate recognition by search engines Manipulate existing images by creating image maps, changing image size, number of colors, file format or other technique Incorporate an example of streaming audio or streaming video into a web page Utilize advanced form features such as multiple input methods or storing replies in a database Incorporate existing script fragments such as JavaScript, VBScript or CGI scripts into web pages Utilize CSS (Cascading Style Sheets) in a web site Query and display data from a database table	*Participate in class discussions and activities demonstrating knowledge of subject matter. *Complete examinations demonstrating acceptable skill level of concept and process. *Complete textbook readings, questions and problems (both individually and collaboratively) demonstrating acceptable skill levels of concept and process. * Design, construct and test your final project.	Create a multi-page web site using intermediate/advancedfeatures of Dreamweaver Publish (upload) a web site to a server using Dreamweaverand a stand-alone FTP program	1.Mathematics-including numeration literacy and the knowledge and use of statistical and logical processes. 2.Analytical-gathering, organizing, and evaluating information 3.Analogical-using former knowledge to help comprehend and explain new situations 4.Critical Thinking-the ability to identify ad define criteria, understand biases, and construct objective judgments. 5.Problem solving-the ability to analyze situations and synthesize solutions.	1. Students will demonstrate effective communication skills. 2. Students will use reasoning skills to analyze and solve problems.

	stored on a server using active database technology such as ASP (Active Server Pages), XML (Extensible Markup Language) or CFML (Cold Fusion Markup Language) Utilize a "plug-in" such as Java, Flash, Shockwave or NetShow to create an animated effect in a web page Locate useful code and other tools such as scripts, sound clips and software on the Internet Discuss network, web server and client/server terminology as they relate to web sites Discuss internet-related issues including security, legal concerns, and E-commerce. Publish, test and debug a web site incorporating multiple technologies.				