

Program Outcome Guide

**Organizational unit that exists to assist learners in achieving specific learning outcomes.*

Program: Certificate Web/Multimedia Development	Date: August 31th, 2012
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<p style="text-align: center;">Planning Team Members: Sean Maher, Margaret Spivey</p>	<p style="text-align: center;">Program Purpose:</p> <p>The program consists of specialized web and multimedia design and development courses. Students in this field could expect to work as a web developer, web designer or web graphic and multi-media artist.</p>
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Program Prerequisites <i>What must the student be able to do before engaging in work?</i>	Courses <i>What learning experiences (courses) are necessary to prepare the student?</i>	Capstone Assessment Tasks <i>What can students do in this program to show evidence of the intended outcomes?</i>	Intended Outcomes <i>What will students be able to do "out there" as a result of this program?</i>								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px;">BUS 101 Introduction to Business Organization and Management</td></tr> <tr><td style="padding: 2px;">GDT 112 Computer Graphics</td></tr> <tr><td style="padding: 2px;">IST 173 Database Fundamentals</td></tr> <tr><td style="padding: 2px;">WEB 101 Web Design I</td></tr> <tr><td style="padding: 2px;">WEB 110 Web Design II</td></tr> <tr><td style="padding: 2px;">WEB 115 Web Developer I</td></tr> <tr><td style="padding: 2px;">WEB 215 JavaScript and Interactive Media</td></tr> <tr><td style="padding: 2px;"> </td></tr> </table>	BUS 101 Introduction to Business Organization and Management	GDT 112 Computer Graphics	IST 173 Database Fundamentals	WEB 101 Web Design I	WEB 110 Web Design II	WEB 115 Web Developer I	WEB 215 JavaScript and Interactive Media			<ul style="list-style-type: none"> • Students will be able to write valid and handicap accessible HTML. • Students will create and optimize images, video and sound for the web • Students will be able to write valid and handicap accessible CSS. • Students will understand project management and planning for websites in a business environment. • Students will be able to write and edit PHP and SQL. • Students will be able to analyze and select tools appropriate for a specific solution.
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			<ul style="list-style-type: none">• Students will create web pages and databases for websites.• Students will demonstrate understanding of server environments as they apply to websites.• Students will be able to write and customize valid server-side scripting PHP to create dynamic, data-driven websites.• Students will create and interact with databases using SQL to create dynamic, data-driven websites.• Students will understand project management and planning for websites.• Evaluate and employ safe computing practices• Students will be able to write valid client-side scripting with JavaScript to implement user interactivity.• Students will be able to analyze and select open source contentmanagement systems appropriate for a specific solution.
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