



Mendocino College

COURSE LEVEL STUDENT LEARNING OUTCOMES

Effective Date:

12/6/2007

Title: Developing Web Applications **Discipline/Number:** CSC 134
(limit to 50 characters including spaces)

Instructor Contact: Tonia Widler **Date Submitted /Modified:** 11/13/2007

Units Min:	3	Units Max:	3	Lecture Hours:	2.5	Lab Hours:	1.5
<i>If this is a variable unit course, the relationship between earned units and any difference in expected SLOs should be explained.</i>							

Student Learning Outcomes:

1. Utilize programming concepts such as variables, loops, conditional, statements, and code modules in the creation of web interactive pages.
2. Demonstrate understanding of core interactive web technologies, such as CGI, Perl, JavaScript, and CSS.
3. Demonstrate the ability to write web programs such as client-side and server-side scripts, including validation scripts.
4. Demonstrate the ability to use and understand alternatives to server-side scripting including use of Application Programming Interfaces (APIs).
5. Demonstrate the ability to connect a web page form to a database, and to include appropriate database queries in interactive web pages.
6. Demonstrate the ability to create web pages dynamically, using content retrieved in response to a database query.
7. Demonstrate the ability to design user interfaces that will enhance user interaction.
8. Exercise programming practices that will minimize the potential for security breaches.

Instructor(s): _____
(Signature)

(Date)
