

SU DEPARTMENT OF COMPUTER SCIENCE SYLLABUS (Tentative)
COSC 119 Introduction to Web Development

Course Description

Introduction to World Wide Web (WWW), HyperText Markup Language (HTML), Extensible HyperText Markup Language (XHTML), Cascading Style Sheets (CSS), JavaScript and JQuery. Web pages will be developed through the use of XHTML forms, tables, menus, graphics, with application of CSS and JavaScript. Three hours lecture, two hours lab (non-science) per week. Meets General Education IVB.

Prerequisites: None

Textbook: Lecture Notes and Free Online Resources Available Through Instructor.

Topics	Weeks
HTML and XHTML Introduction Overview of WWW, the Internet; Elements of HTML and XHTML.	3
Cascading Style Sheets (CSS) Web styling techniques through the use of inline, embedded and external cascading style sheets.	3
Introduction to JavaScript Basics of JavaScript programming: expressions, functions, conditional statements, arrays, iterations.	6
Dynamic Webpage, AJAX and jQuery Methods Techniques of exchanging data with a server, and updating parts of a web page.	2
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Evaluation

- Homework, Labs, and Project 35 – 45%
- Midterm and Final Exams 45 – 55%
- Quizzes and In-class Exercises 10%

YJ/jlh

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