

## **Master Syllabus**

**COURSE NO., HOURS, AND TITLE:** IST 336 –3 Web-based Applications in Information Systems

**COURSE DESCRIPTION:**

This course is designed to assist students in utilizing powerful web application software products and the fundamentals of Hypertext Markup Language (HTML). Students will create complex business documents, informational documents, and entertainment presentations for on-line use within a graphical user interface (GUI) environment (web browsers). Students will learn to import and export items; perform net searches; and scan, manipulate, and create images. Students will utilize critical analysis and thinking skills to examine and evaluate current on-line web pages and become aware of what constitutes a “good” web presence. A grade of C or better is required. Prerequisite: 109 or equivalent.

**PREREQUISITE TO:** None

**COURSE OBJECTIVES:**

Upon successful completion of this course, students will be able to:

1. Understand terminology used in web site development.
2. Have an awareness of current and future trends in web site development.
3. Explain the purpose and usage of web site development.
4. Use current web site/web-based development application software.
5. Understand the steps involved in trouble-shooting web-based application software.
6. Describe the development, implementation, and maintenance of web-based application software.
7. Work successfully in a team environment.
8. Critically examine and evaluate web-based environments.
9. Give professional presentations of web development projects.

**TOPICAL OUTLINE:**

<b>Topics</b>	<b>Percentages</b>
I. Introduction to HTML	10%
II. Advanced HTML	20%
III. Graphics Manipulation	20%
IV. Web Application Software	30%
V. Web Site Management	20%

**TEXTBOOKS:**

Varies, depending on instructor and current texts available.