

SYLLABUS

DIVISION: Business and Engineering Technology
CURRICULA IN WHICH COURSE IS TAUGHT:
COURSE NUMBER AND TITLE:
CREDIT HOURS: 3 HOURS

REVISED: Spring, 2014
 IST, Information Systems Technology
 ITD 210 – Web Page Design II
CONTACT HOURS: 3. **LAB:** 0, **LAB:** 3

I. CATALOG DESCRIPTION: ITD 210 - Incorporates advanced techniques in web site planning, design, usability, accessibility, advanced site management, and maintenance utilizing web editor software(s).

II. RELATIONSHIP OF THE COURSE TO CURRICULA OBJECTIVES: ITD 210 will address the following IST program outcomes:

- Implement Information Technology skills required by software applications.
- Apply methodologies to stay current in IT offerings, trends, and certifications.
- Apply analytical and problem solving skills for computer system designs, planning, and support.
- Design, code, test, debug, and document software needed for computer system implementation and maintenance.
- Apply current IT industry standards, protocols, and techniques.

III. REQUIRED BACKGROUND: Recommended prerequisite is ITD 110.

IV. COURSE CONTENT:

- Continuing to explore HTML 5 and CSS 3 as introduced in ITD 110.
- CSS Layout
- Forms
- Audio & Video
- HTML 5 Animation
- Introduction to using JavaScript

V. THE FOLLOWING GENERAL EDUCATION OBJECTIVES WILL BE ADDRESSED IN THIS COURSE.

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| <p><input checked="" type="checkbox"/> Communication <input type="checkbox"/> Cultural and Social Understanding <input type="checkbox"/> Personal Development <input type="checkbox"/> Scientific Reasoning</p> | <p><input checked="" type="checkbox"/> Critical Thinking <input checked="" type="checkbox"/> Information Literacy <input type="checkbox"/> Quantitative Reasoning</p> |
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| VI. LEARNER OUTCOMES | VII. EVALUATION |
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| <p>Review of HTML</p> <ul style="list-style-type: none"> • Use basic HTML or XHTML syntax correctly • Create headers, paragraphs and lists • Display document in Web browsers • Use font tags to change font size, color and face • Use attribute tags to format text, background, and link colors • Use color names and values in specifying formats • Understand relative and absolute paths • Link to a document in the same directory | <ul style="list-style-type: none"> • Online discussions • Lab exercises placed on Web server for general viewing • Exam project |

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| <ul style="list-style-type: none"> • Link to a URL • Link to a section of a document • Link to an image • Use of tables • Use of forms • Use of frames • Adding graphics | |
| Advanced HTML 5 <ul style="list-style-type: none"> • Audio and Video • Canvas • Advanced Text Formatting | <ul style="list-style-type: none"> • Online discussions • Lab exercises placed on Web server for general viewing • Exam project |
| Working with Cascading Style Sheets <ul style="list-style-type: none"> • Using CSS for layout • CSS 3 Transforms and Transitions • Gradients, etc. | <ul style="list-style-type: none"> • Online discussions • Lab exercises placed on Web server for general viewing • Exam project |
| Introduction to Using JavaScript <ul style="list-style-type: none"> • Identify the proper syntax for adding scripts to a Web page. • Examine a few examples of simple scripting. • Locate Websites with examples of | <ul style="list-style-type: none"> • Online discussions • Lab exercises placed on Web server for general viewing • Exam project |

Revised Jul 17, 2014