

## **SYLLABUS**

**DIVISION:** Business and Engineering Technology

**REVISED:** Fall, 2012

**CURRICULA IN WHICH COURSE IS TAUGHT:** IT, Information Technology

**COURSE NUMBER AND TITLE:** ITE 130 – Intro to Internet Services

**CREDIT HOURS:** 3 **HOURS/WK LEC:** 3 **HOURS/WK LAB:** 0 **LEC/LAB COMB:** 3

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- I. CATALOG DESCRIPTION:** ITE 130 – Provides instruction to provide students with a working knowledge of Internet terminology and services including e-mail, WWW browsing. Search engines, ftp, file compression, and other services using a variety of software packages. This course also provides instruction for basic web page construction. (3 semester credits).
- II. RELATIONSHIP OF THE COURSE TO CURRICULA OBJECTIVES:**

- A. Awareness of the history and origins of the Internet
- B. Become proficient in using various Internet protocols such as FTP, Telnet, etc..
- C. Become in using Web browsers to search for information on the Internet
- D. Learn how to use Internet communication tools

**III. REQUIRED BACKGROUND:** none

**IV. COURSE CONTENT:**

- Internet History
- Internet communication
- Browsers
- Search tools
- E-literacy
- Internet security
- Internet commerce
- File compression and transfer via the Internet
- Simple Web page construction and publishing

**v. THE FOLLOWING GENERAL EDUCATION OBJECTIVES WILL BE ADDRESSED IN THIS COURSE. STUDENTS WILL:**

  X   Communications Skills

  X   Computational and Computer

\_\_\_\_\_ Learning Skills  
Society

\_\_\_\_\_ Understanding Culture and

\_\_\_X\_\_\_ Critical Thinking  
Technology

\_\_\_X\_\_\_ Understanding Science and

\_\_\_\_\_ Interpersonal Skills and  
Human Relations

\_\_\_\_\_ Wellness

VI. LEARNER OUTCOMES	VI. EVALUATION
Internet History <ul style="list-style-type: none"><li>• Timeline for creation of Internet</li><li>• Invention of the World Wide Web</li></ul>	<ul style="list-style-type: none"><li>• Online discussions</li><li>• Lab exercises placed on Web server for general viewing</li><li>• Discuss use of World Wide Web</li><li>•</li></ul>
Internet Communication <ul style="list-style-type: none"><li>• Using email</li><li>• Chats</li><li>• Lists</li><li>• Instant messaging</li></ul>	<ul style="list-style-type: none"><li>• Online discussions</li><li>• Lab exercises placed on Web server for general viewing</li><li>• Send emails to a created group; send attachments, creating Yahoo list serv.</li></ul>
Browsers <ul style="list-style-type: none"><li>• Introduction to browsers and their uses</li><li>• Examine differences between several browsers</li><li>• Use browsers to navigate www.</li></ul>	<ul style="list-style-type: none"><li>• Online discussions comparing browsers</li><li>• Install several different browsers and use them for comparison</li><li>• Lab exercises placed on Web server for general viewing</li></ul>
Search Tools <ul style="list-style-type: none"><li>• Understanding how search engines work</li><li>• Types of search</li></ul>	<ul style="list-style-type: none"><li>• Online discussions</li><li>• Lab exercises placed on Web server for general viewing</li><li>• Search topics on the</li></ul>

<p>engines and examples of each</p> <ul style="list-style-type: none"> <li>• Search methods (keyword, Boolean, etc.)</li> </ul>	<p>Web in instructor directed scavenger hunt activity.</p>
<p>E-literacy</p> <ul style="list-style-type: none"> <li>• Evaluation of validity of online information.</li> <li>• Citing online sources</li> </ul>	<ul style="list-style-type: none"> <li>• Online discussions regarding Web site validity</li> <li>• Use standard rubrics to evaluate site</li> <li>• Use MLA Standard to cite online sources</li> <li>• Lab exercises placed on Web server for general viewing</li> <li>•</li> </ul>
<p>File compression and transfer via the Internet</p> <ul style="list-style-type: none"> <li>• Learn to zip and unzip files</li> <li>• Using ftp to transfer files via the Internet</li> </ul>	<ul style="list-style-type: none"> <li>• Online discussions</li> <li>• Lab exercises including unzipping files and transferring files between a local computer and Web server via ftp.</li> <li>•</li> </ul>
<p>Internet Security</p> <ul style="list-style-type: none"> <li>• Learn about computer viruses spread via the Internet.</li> <li>• Learn how to protect against viruses using anti-virus software and firewalls.</li> </ul>	<ul style="list-style-type: none"> <li>• Online discussions about computer security</li> <li>• Lab exercises including installing and running antivirus software.</li> <li>•</li> </ul>
<p>Internet Commerce</p> <ul style="list-style-type: none"> <li>• Learn about buying and selling via the Internet</li> </ul>	<ul style="list-style-type: none"> <li>• Online discussions including reporting thoughts and past history with online shopping</li> <li>• Lab exercises including shopping, auction sites, ticket reservations, etc.</li> </ul>

<p>Web Page construction</p> <ul style="list-style-type: none"> <li>• Learn basic html tags to create simple Web pages with graphics and hyperlinks<sup>6</sup></li> </ul>	<ul style="list-style-type: none"> <li>• Online discussions about Web page design</li> <li>• Lab exercises including creating web pages with links and images and loading them to a web server via ftp.</li> </ul>