J. Sargeant Reynolds Community College
Course Content Summary

Course Prefix and Number: ITE 130   **Credits:** 3

Course Title: Introduction to Internet Services

Course Description: Provides 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. Provides instruction for basic web page construction. Prerequisite: Basic knowledge of computers and Windows. Lecture 3 hours per week.

General Course Purpose: Required in Computer Applications Career Studies Certificate, which also feeds into the IST AAS degree, Computer Applications concentration. It can also be used as an IT elective in any degree concentration.

Course Prerequisites and Co-requisites:
Prerequisite: Basic knowledge of computers and Windows

Student Learning Outcomes:
Upon completing the course, the student will be able to
a. Define the Internet components and connect to the Internet;
b. Define basic services, such as electronic mail, listserv, newsgroups, chat, FTP, and Telnet;
c. Configure an email client program; send, receive, forward, and delete email;
d. Communicate over the Internet with listserv, newsgroups, and chat;
e. Use search engines using subject-oriented and keyword searches;
f. Discuss security issues, encryption, portals, wireless devices, and electronic commerce;
g. Download and compress files; and
h. Develop a basic web page.

Major Topics to Be Included:
a. Netscape Communicator and Microsoft Internet Explorer
b. Email protocols
c. Use of search engines
d. Terminology relating to portals and encryption
e. Security issues and electronic commerce
f. FTP (File Transfer Protocol)
g. Downloading of files and file compression
h. Basic web page creation

Date Created/Updated (Month, Day, and Year): March 21, 2019