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Computer Science (COSC) 1532 Basic Internet Skills and Concepts (1 Unit) CSU
[formerly Computer Science 32A]

Prerequisite: None

Total Hours: 8 hours lecture; 24 hours lab (32 hours total)

Catalog Description: This course provides an introduction to information resources on the Internet. Protocols and services covered include e-mail, news, discussion groups, and the World Wide Web. Navigation, searching, and retrieving techniques will be covered using Windows based web-browsers and search engines. Special focus will be given to the fastest growing resource, the WWW, by creating a personal home page.

Type of Class/Course: Degree Credit

Text: Shelly, Gary B., Thomas J. Cashman, Kurt A. Jordan. *Microsoft Internet Explorer 6 – Introductory Concepts and Techniques*. Cambridge: Course Technology, 2000. Print

Distance Learning Text:

Campbell, Shelley. *Discovering the Internet: Complete Concepts and Techniques*. 5th ed. Cengage, 2015. Print.

Additional Instructional Materials: 2-3.5" high density diskettes

Course Objectives:

By the end of the course, a successful student will be able to:

1. understand Internet history, terminology and information spaces,
2. search, navigate, and retrieve information from the World Wide Web,
3. perform basic e-mail functions,
4. analyze the use of Internet in a discussion group,
5. access information from a newsreader, and
6. use basic HTML to create a home page, (graphics, movies, and sound).

Course Scope and Content:

Unit I	Basic Windows Concepts
Unit II	Internet Basics
Unit III	E-mail, Discussion Groups, and News
Unit IV	The World Wide Web
Unit V	Beginning Home Page

Learning Activities Required Outside of Class:

The students in this class will spend a minimum of 2 hours per week outside of the regular class time doing the following:

1. Reading required material
2. Assigned homework
3. Home page project
4. Any lab work not completed in lab

Methods of Instruction:

1. Lectures (live and videotape)
2. Online computer demonstrations
3. Hands-on lab work
4. Reading material (text, handouts, and online documentation)
5. E-mail

Methods of Evaluation:

1. Quizzes and comprehensive final exam
 - a. to demonstrate understanding of lecture and reading material
2. Homework
 - a. to demonstrate ability to find and retrieve information
3. Home page course project
 - a. to demonstrate competence with all Internet resources