Computer Information Systems (CIS) 1532 Basic Internet Skills and Concepts (1 Unit) CSU
[formerly Computer Science 32A, Computer Science 1532]

Prerequisite: None

Hours and Units Calculations:
8 hours lecture. 16 Outside of class hours; 24 hours lab (48 Total Student Learning Hours) 1 Unit

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

Distance Learning Text:

Additional Instructional Materials 8 GB Flash drive

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, Content:

Unit I Introduction and Defining the Internet
   A. Describe who uses the Internet
   B. Explain the impact of the Internet
   C. Discuss Internet basics
   D. Review how to connect
   E. Discuss current trends
Unit II  Browsing the Web
A. Explain website designs and software
B. Describe Domain Name and IP relationship
C. Describe search features
D. Explain browser options

Unit III  Searching the Web
A. Describe how search engines work
B. Explain advance search techniques
C. Explain address bar and webpage searches
D. Explain social media searches

Unit IV  Communicating Online
A. Identify different types of email systems
B. Recognize the importance of email use
C. Describe proper use of email
D. Explain social media, messaging and chat functions

Unit V  Getting More Out of the Internet
A. Introducing portals both consumer and corporate
B. Explain research and reference tools
C. Explain educational tools
D. Describe shopping websites
E. Explain file transfer protocol (FTP)

Unit VI  Understanding Internet Technologies and Security
A. Introducing network basics
B. Explain and discuss Internet infrastructure
C. Describe web conferencing
D. Discuss network security issues

Unit VII  Understanding E Business
A. Introducing E-Business origins
B. Describe unique E-Business factors
C. Explain E-Business models
D. Explain storefront software
E. Explain credit card processing

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

Methods of Instruction:

1. Lectures (live and website)
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

Supplemental Data:

<table>
<thead>
<tr>
<th>TOP Code:</th>
<th>0701.00: Information Technology, Genera</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAM Priority Code:</td>
<td>D: Possibly Occupational</td>
</tr>
<tr>
<td>Distance Education:</td>
<td>Online; Offline</td>
</tr>
<tr>
<td>Funding Agency:</td>
<td>Y: Not Applicable(funds not used)</td>
</tr>
<tr>
<td>Program Status:</td>
<td>1: Program Applicable</td>
</tr>
<tr>
<td>Noncredit Category:</td>
<td>Y: Not Applicable, Credit Course</td>
</tr>
<tr>
<td>Special Class Status:</td>
<td>N: Course is not a special class</td>
</tr>
<tr>
<td>Basic Skills Status:</td>
<td>N: Course is not a basic skills course</td>
</tr>
<tr>
<td>Prior to College Level:</td>
<td>Y: Not applicable</td>
</tr>
<tr>
<td>Cooperative Work Experience:</td>
<td>N: Is not part of a cooperative work experience education program</td>
</tr>
<tr>
<td>Eligible for Credit by Exam:</td>
<td>E: Credit By Exam</td>
</tr>
<tr>
<td>----------------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>Eligible for Pass/No Pass:</td>
<td>C: Pass/No Pass</td>
</tr>
<tr>
<td>Taft College General Education:</td>
<td>NONE</td>
</tr>
<tr>
<td>Discipline:</td>
<td>Office Technologies</td>
</tr>
</tbody>
</table>