Cerro Coso College

Course Outline of Record Report

10/13/2021

CSCIC171 : Introduction to the Internet

General Information

Author:	-
Course Code (CB01) :	CSCIC171
Course Title (CB02) :	Introduction to the Internet
Department:	Business Information Technolog
Proposal Start:	Fall 2013
TOP Code (CB03) :	(0514.00) Office Technology/Office Computer Applications
SAM Code (CB09) :	Possibly Occupational
Distance Education Approved:	Yes
Course Control Number (CB00) :	CCC000373611
Curriculum Committee Approval Date:	10/04/2013
Board of Trustees Approval Date:	11/14/2013
External Review Approval Date:	02/25/2014
Course Description:	This course provides a hands-on introduction to the Internet and World Wide Web, including electronic mail, file transfer protocol (FTP), browser use, web page development, security, e-commerce, search strategies, copyrights, and social networking.
Submission Type:	New Course
Author:	No value

Faculty Minimum Qualifications

Master Discipline Preferred:	• Computer Science
Alternate Master Discipline Preferred:	No value
Bachelors or Associates Discipline Preferred:	• Computer Information Systems (Computer network installation, microcomputer technology, computer applications)
Additional Bachelors or Associates Discipline Preferred:	No value

Course Development Options

Basic Skills Status (CB08)

Course is not a basic skills course.

Course Special Class Status (CB13)

Course is not a special class.

Grade Options

- Letter Grade Methods
- Satisfactory Progress

☐ Allow Students to Gain Credit by Exam/Challenge

Allowed Number of Retakes

0

Course Prior To College Level (CB21)

Not applicable.

Rationale For Credit By Exam/Challenge

No value

Retake Policy Description

Type:|Non-Repeatable Credit

☑ Allow Students To Audit Course

Course Support Course Status (CB26)

No value

Associated Programs

☐ Course is part of a program (CB24)

Associated Program

No value

Award Type

No value

Active

Transferability & Gen. Ed. Options

Course General Education Status (CB25)

No value

Transferability

Transferable to CSU only

Transferability Status

Approved

Units and Hours:

Summary

Minimum Credit Units (CB07)	1
Maximum Credit Units (CB06)	1
Total Course In-Class (Contact) Hours	36
Total Course Out-of-Class Hours	18
Total Student Learning Hours	54
Faculty Load	0

Credit / Non-Credit Options

Course Credit Status (CB04)

Credit - Degree Applicable

Course Non Credit Category (CB22)

Credit Course.

Non-Credit Characteristic

No Value

Course Classification Status (CB11)

Credit Course.

Variable Credit Course

Funding Agency Category (CB23)

Not Applicable.

☑ Cooperative Work Experience Education Status (CB10)

Weekly Student Hours

	In Class	Out of Classs
Lecture Hours	0.5	1
Laboratory Hours	1.5	0
Activity Hours	0	0

Course Student Hours

Course Duration (Weeks)	18
Hours per unit divisor	0
Course In-Class (Contact) Hours	
Lecture	0
Laboratory	0
Activity	0
Total	36
Course Out-of-Class Hours	
Lecture	0
Laboratory	0
Activity	0
Total	18

Time Commitment Notes for Students

No value

Faculty Load

Extra Duties: 0

Faculty Load: 0

Units and Hours: - Weekly Specialty Hours

Activity Name	Type	In Class	Out of Class
No Value	No Value	No Value	No Value

Pre-requisites, Co-requisites, Anti-requisites and Advisories

Prerequisite

CSCIC070 - Computer Literacy

Students need the ability to complete basic computing skills including opening a web browser, doing basic searches, and sending e-mails. They also need to be able to open and close applications.

Entrance Skills

Entrance Skills	Description
No value	No value

Limitations on Enrollment

Limitations on Enrollment	Description
No value	No value

Specifications

Methods of Instruction

Methods of Instruction	Lecture
Rationale	Classroom lecture and demonstration of software and Web services.
Methods of Instruction	Skills Development and Performance
Rationale	No value
Methods of Instruction	Laboratory
Rationale	Laboratory application of concepts including practical applications
Methods of Instruction	Project-based learning
Rationale	No value
Methods of Instruction	Demonstration
Rationale	No value

Assignments

A. Chapter readings - Read the assigned chapter and do the steps as they are explained in the textbook. For instance, chapter 8 introduce students to the creating effective web pages.
B. Lab assignments - The chapter walks students through the creation of a web site and students follow the text to plan a web site that works.

Methods of Evaluation	Rationale
Participation	Essays in an asynchronous environment demonstrating a student's ability to perform critical analyses and defend opinions.
Project	Lab assignments demonstrating student's ability to apply learning to real-world activities. - projects taken from the Level III turorials (chapters 7-8)
Tests	Objective tests/quizzes demonstrating studentâ€™s knowledge of fundamental Internet concepts and protocols. - Ten quizzes throughout the semester.

Equipment

No Value

Textbooks

Author	Title	Publisher	Date	ISBN
	Schneider, G. P. & Evans, J. . (2012) New Perspectives on the Internet--Comprehensive, 9th, Cengage Learning			

Other Instructional Materials

No Value

Materials Fee

No

Learning Outcomes and Objectives

Course Objectives

No value

CSLOs

Describe the origins of the Internet and significant events in its evolution. Expected SLO Performance: 70.0

Formulate effective strategies for using the Internet. Expected SLO Performance: 70.0

Assess security threats and develop effective countermeasures. Expected SLO Performance: 70.0

Differentiate between legal and illegal uses of resources. Expected SLO Performance: 70.0

Analyze the Internet as a communications tool. Expected SLO Performance: 70.0

Outline

Course Outline

A. History of the Internet and World Wide Web
a. History of the Internet and World Wide Web
B. Browser Basics
a. Internet and the World Wide Web
b. Web page display elements
c. Web Page Addresses
d. Web Browser Functions
e. Browser customization
f. Bookmark (favorites) organization
g. New documents
C. E-mail
a. Functions of E-mail
b. E-mail client customization
c. E-mail programs and services
D. Searching the Web
a. Types of research questions
b. Web search strategies
c. Web search engines; directories; and metasearch engines
d. Boolean logic and filtering techniques
e. Advanced search options
f. Validity and quality of search results
g. Future of Web search tools
E. Information Resources
a. Current news and weather; maps and city guides
b. Businesses and people
c. Library and text resource citations
d. Copyrights analysis
e. Graphic and multimedia resources
f. Future of online publishing
F. Downloading and Storing Data
a. FTP (File Transfer Protocol)
b. FTP client evaluation
c. File compression and viruses
d. Connection between a user&rsquo:s computer and a remote computer
e. Storage options on the Internet
f. New technologies for collaborative authoring
G. Real-Time Communication
a. Internet chat
b. Chat rooms devoted to specific topics
c. Businesses that allow users to create their own chat rooms
d. Virtual communities and their use in business
e. History of the wireless Internet
f. Wireless networks and devices
g. Wireless carriers
h. Wireless broadband networks
H. Mass Communication
a. Availability of mailing lists
b. Joining and leave mailing lists
c. Mailing list message composition and retrieval
d. Usenet newsgroups
e. Newsgroup configuration and subscriptions
f. Newsgroup posts and replies
g. RSS (Really Simple Syndication)
h. Newsfeeds on specific topics
i. Aggregators
j. Podcasting
I. Creating Effective Web Pages
a. HTML (Hypertext Markup Language)
b. The tools used to create HTML documents
c. Tags and attributes
d. HTML document creation

e. Microsoft FrontPage and Adobe Dreamweaver
f. JavaScript; Flash; and Shockwave
g. Web hosting services
h. Search engine submission and search engine optimization
J. Security
a. Security basics
b. hackers and crackers
c. Online crime; warfare; and terrorism
d. Protect copyrighted material
e. Web client; online communications; and Web server threats and countermeasures
f. Sources of current information and updates about online security
K. Electronic Commerce
a. Business Web sites
b. Basics of electronic commerce
c. Online revenue generation
d. New ways of doing business online
e. Consumer concerns
f. International; legal; and ethical concerns

Lab Outline

A. Browser Basics
a. Research; analyze; and compare web sites.
b. Analyze security risks.

B. Email
a. Prepare and send email.
b. Virus protection.
c. Dealing with Spam.

C. Searching the Web
a. Specific and Explatory searches.
b. Use various search tools.
c. Evaluate web site quality.

D. Information Resources
a. Obtaining news; weather; maps; etc.
b. Understanding copyrights.
c. Multimedia.

E. Creating Effective Web Pages
a. Understanding the Markup Language.
b. Inserting components.
c. Formatting web pages.

F. Electronic Commerce
a. Buying and selling.
b. Transaction security.
c. Legal issues.

Delivery Methods and Distance Education

Delivery Method: Please list all that apply -Face to face -Online (purely online no face-to-face contact) -Online with some required face-to-face meetings (“Hybrid”) -Online course with on ground testing -iTV – Interactive video = Face to face course with significant required activities in a distance modality -Other

Face 2 Face
Online
Hybrid

Rigor Statement: Assignments and evaluations should be of the same rigor as those used in the on-ground course. If they are not the same as those noted in the COR on the Methods of Evaluation and out-of-class assignments pages, indicate what the differences are and why they are being used. For instance, if labs, field trips, or site visits are required in the face to face section of this course, how will these requirements be met with the same rigor in the Distance Education section?

No Value

Effective Student-Instructor Contact: Good practice requires both asynchronous and synchronous contact for effective contact. List the methods expected of all instructors teaching the course. -Learning Management System -Discussion Forums -Moodle Message -Other Contact -Chat/Instant Messaging -E-mail -Face-to-face meeting(s) -Newsgroup/Discussion Board -Proctored Exam -Telephone -iTV -Interactive Video -Other (specify)

contact_moodle_forums
contact_moodle_message
contact_chat
contact_email

Software and Equipment: What additional software or hardware, if any, is required for this course purely because of its delivery mode? How is technical support to be provided?

No Value

Accessibility: Section 508 of the Rehabilitation Act requires access to the Federal government's electronic and information technology. The law covers all types of electronic and information technology in the Federal sector and is not limited to assistive technologies used by people with disabilities. It applies to all Federal agencies when they develop, procure, maintain, or use such technology. Federal agencies must ensure that this technology is accessible to employees and the public to the extent it does not pose an "undue burden". I am using -iTV—Interactive Video only -Learning management system -Publisher course with learning management system interface.

s508_itv
s508_moodle
s508_publisher

Class Size: Good practice is that section size should be no greater in distance ed modes than in regular face-to-face versions of the course. Will the recommended section size be lower than in on-ground sections? If so, explain why.

No Value