

STANDARDIZED COURSE OUTLINE

SECTION I

SUBJECT AREA AND COURSE NUMBER: CSA163

COURSE TITLE: The Internet

COURSE CATALOG DESCRIPTION:

This course will focus on the functions of the Internet. Key items covered in this course are web browsers, e-mail programs, search engines, chat rooms, virtual worlds, web portals, electronic commerce, browser extensions and internet security. *Formerly listed as CIS 135, not open to students who have successfully completed CIS 135.*

LECTURE HOURS PER WEEK: 3

CREDIT HOURS: 3

LAB HOURS PER WEEK (if applicable): n/a

PREREQUISITE(S): n/a

SECTION II

A. SCOPE:

This course exposes students to the Internet as a wide-ranging and powerful resource for professional, educational, or personal use. Topics in this course include: an introduction to the Internet and the WWW; browser basics; e-mail; searching the web; information resources; downloading and storing data; mass communication; real-time communication; internet security; and e-commerce.

This course fulfills an Embedded Core Competency in the area of Continuing Learning/ Information Literacy (CL)

B. REQUIRED WORK:

Will vary by instructor. Students will be expected to do all required readings, assignments, tests, and quizzes as outlined by their instructor.

C. ATTENDANCE AND PARTICIPATION:

Regular attendance, assignment submission timeliness, promptness and class/lab participation will be expected. Instructors will include specific attendance and participation policies requirements in their class syllabi.

D. METHODS OF INSTRUCTION:

Methods may include any of the following: lecture, lecture/discussion, small group, collaborative learning, experimental/exploration, distance learning, student presentations, computer demonstrations, or use of technologies such as audio-visual materials, and computer laboratory equipment. Emphasis will be on hands-on computer exercises and problems.

E. OBJECTIVES, OUTCOMES, and ASSESSMENT

Students' grades will be based on achievement of learning the objectives and outcomes listed below as measured by the instructor's methods of assessment:

LEARNING OBJECTIVES	LEARNING OUTCOMES	ASSESSMENT METHODS
To demonstrate an understanding of:	Student will:	As measured by:
An introduction to the Internet and the WWW	<ul style="list-style-type: none"> a) List and explain examples of information and tools that are available on the Internet b) Define and explain "computer networks", "the Internet", and "the world wide web" c) Explain how the Internet and WWW began and grew 	Homework/Lab assignments; Written and Oral activities; Quizzes/Exams; Online Computer Exercises; Projects and Presentations
Browser basics	<ul style="list-style-type: none"> a) Explain how web pages are constructed b) Configure and use web browsers to browse the Internet c) Save and organize favorite web pages d) Save web page text and graphics 	Homework/Lab assignments; Written and Oral activities; Quizzes/Exams; Online Computer Exercises; Projects and Presentations
E-mail	<ul style="list-style-type: none"> a) Use an e-mail editor to create, edit, send, receive, forward, reply, and print e-mail messages b) Create and maintain an address book 	Homework/Lab assignments; Written and Oral activities; Quizzes/Exams; Online Computer Exercises; Projects and Presentations
Searching the web	<ul style="list-style-type: none"> a) Use search engines, directories, and meta-search engines to locate information b) Use Boolean logic and filtering to improve web searches c) Assess validity and quality of web research resources (CL 1, 2)	Homework/Lab assignments; Written and Oral activities; Quizzes/Exams; Online Computer Exercises; Projects and Presentations
Information resources	<ul style="list-style-type: none"> a) Find current news and weather information b) Obtain maps and city guides c) Find people and businesses on the web d) Find and properly cite online library and text resources e) Find graphics and multimedia resources f) Evaluate the economic, legal, ethical, and social issues around the access and use of information of the Internet (CL 2, 4)	Homework/Lab assignments; Written and Oral activities; Quizzes/Exams; Online Computer Exercises; Projects and Presentations
Downloading and storing data	<ul style="list-style-type: none"> a) Define FTP and how it works b) Navigate an FTP site c) Use an FTP client program to transfer files d) Compress and decompress files e) Check files for viruses (CL 1)	Homework/Lab assignments; Written and Oral activities; Quizzes/Exams; Online Computer Exercises; Projects and Presentations
Mass communication	<ul style="list-style-type: none"> a) Locate and join a mailing list b) Post, retrieve, and read mailing list messages c) Locate and subscribe to a Usenet newsgroup 	Homework/Lab assignments; Written and Oral activities; Quizzes/Exams; Online Computer Exercises; Projects and Presentations

	d) Post and reply to Usenet newsgroups	
Real-time communication	<ul style="list-style-type: none"> a) List examples of different chat client programs b) Locate a chat room devoted to a specific topic c) Participate in a live chat 	Homework/Lab assignments; Written and Oral activities; Quizzes/Exams; Online Computer Exercises; Projects and Presentations
Internet security	<ul style="list-style-type: none"> a) List examples of different types of computer threats b) Identify countermeasures for protecting yourself and your computer c) Evaluate the economic, legal, ethical, and social issues around the use of Internet technologies (CL 4)	Homework/Lab assignments; Written and Oral activities; Quizzes/Exams; Online Computer Exercises; Projects and Presentations
E-commerce	<ul style="list-style-type: none"> a) Visit web sites that conduct electronic commerce b) Explain the basics of e-commerce c) List various examples of successful e-commerce companies 	Homework/Lab assignments; Written and Oral activities; Quizzes/Exams; Online Computer Exercises; Projects and Presentations

Core Competency Assessment Artifact

Assignments from this course that address learning outcomes noted above may be collected to assess student learning across the school.

F. TEXT(S) AND MATERIALS:

An appropriate Visual Basic Text, such as: *The Internet (current edition)*, Course Technology

G. INFORMATION TECHNOLOGY:

This course is an information technology course and will require extensive computer lab time both for teaching and performing assignments. Students will require network accounts with access to the Internet, Microsoft Internet Explorer, and Netscape Navigator as well as file storage space.