ILLINOIS VALLEY COMMUNITY COLLEGE

COURSE OUTLINE

DIVISION: **Career and Technical Programs**

COURSE: **CSN 1200; Using the Internet and the World Wide Web**

Date: Fall 2011

Credit Hours: 3

Prerequisite(s):   None

Delivery Method: ☒ **Lecture**   **2 Contact Hours** (1 contact = 1 credit hour)

☐ **Seminar**   **0 Contact Hours** (1 contact = 1 credit hour)

☒ **Lab**   **2 Contact Hours** (2 contact = 1 credit hour)

☐ **Clinical**   **0 Contact Hours** (3 contact = 1 credit hour)

☐ **Online**

☐ **Blended**

Offered: ☒ **Fall**   ☐ **Spring**   ☐ **Summer**

IAI Equivalent –*Only for Transfer Courses*-go to *http://www.itransfer.org*:

CATALOG DESCRIPTION:
This course is an introductory level course designed to equip the student with the necessary tools to navigate through the World Wide Web. Topics include E-mailing, browsing, searching, communicating, and downloading. Also, basic web page construction and web security will be covered.

GENERAL EDUCATION GOALS ADDRESSED

[See the last page of this form for more information.]

Upon completion of the course, the student will be able:

[Choose those goals that apply to this course.]

☐ To apply analytical and problem solving skills to personal, social and professional issues and situations.

☐ To communicate orally and in writing, socially and interpersonally.

☐ To develop an awareness of the contributions made to civilization by the diverse cultures of the world.

☒ To understand and use contemporary technology effectively and to understand its impact on the individual and society.

☐ To work and study effectively both individually and in collaboration with others.

☐ To understand what it means to act ethically and responsibly as an individual in one's career and as a member of society.

☐ To develop and maintain a healthy lifestyle physically, mentally, and spiritually.

☐ To appreciate the ongoing values of learning, self-improvement, and career planning.

EXPECTED LEARNING OUTCOMES AND RELATED COMPETENCIES:

[Outcomes related to course specific goals.]

Upon completion of the course, the student will be able to:

1. First Things First
   1.1 Logging onto IVCC Network
   1.2 Accessing the World Wide Web
   1.3 Introduction to Web Browsers
2. Networking Concepts and Facts
   2.1 What is the Internet?
   2.2 Protocols and other Jargon
   2.3 Who is in charge of the Internet?
   2.4 Basics of Windows
   2.5 Browser Basics
   2.6 Bandwidth and Asynchronous Communications
3. Working with E-mail
   3.1 What to expect from your E-mail program
   3.2 How to use E-mail
   3.3 E-mail Netiquette
   3.4 Mail Management
4. Mailing Lists and E-mail Archives
   4.1 What is a Mailing List?
   4.2 Subscribing/Unsubscribing to Mailing Lists
   4.3 Finding Mailing Lists
5. The World Wide Web
   5.1 Hypertext and Multimedia
   5.2 Web Browser Tips and Tricks
   5.3 Finding things on the Web
   5.4 Search Engines
   5.5 Subject Trees

- 5.6 Clearinghouses
- 5.7 Bookmarks
- 5.8 Assessing Web Page Credibility
6. Search Strategies for the Web
   - 6.1 Basic Information Retrieval Concepts
   - 6.2 Searching Techniques
   - 6.3 Meta Search Engines
   - 6.4 Special Search Engines
7. Newsgroups and News Forums
   - 7.1 What is Usenet?
   - 7.2 How does Usenet work?
   - 7.3 Finding Newsgroups, FAQ files, and Old Archives
   - 7.4 Working with News Readers
   - 7.5 Newsgroup Netiquette
   - 7.6 Really Simple Syndication (RSS) feeds
8. FTP and File Downloads
   - 8.1 What is FTP?
   - 8.2 File types and File extensions
   - 8.3 Freeware, Shareware, and Limited Editions
9. Communicating/Working on the web
   - 9.1 Understanding Group Communication
   - 9.2 Understanding Chat
   - 9.3 Using Instant Messaging
   - 9.4 Learning about Virtual Communities
   - 9.5 Locating and Reading Blogs
   - 9.6 Learning about Podcasting
   - 9.7 Usinga social bookmarking site
   - 9.8 Protecting your identity and reputation online
   - 9.9 Using social and professional networking sites
   - 9.10 Uploading intellectual property using a social networking site
   - 9.11 Creating an account in an online workspace environment
10. Web Page Construction
    - 10.1 The Three C's of Web Design
    - 10.2 Working with Text
    - 10.3 Working with Graphics
    - 10.4 Using an Editor
    - 10.5 Creating a simple webpage
    - 10.6 Internet Copyright
11. Social Issues
    - 11.1 Illegal Activities: How to Stay Out of Trouble
    - 11.2 Copyright Law and the Internet
    - 11.3 Free Speech
    - 11.4 Privacy Issues
    - 11.5 The Future of the Internet
    - 11.6 Internet Commerce
    - 11.7 Being a good digital citizen
    - 11.8 Research, analyze, and provide solutionsto Internet issues
12. Web Security
    - 12.1 Understanding security threats on the Internet

12.2 Using Phishing and Malware Protection
12.3 Strenghthening Browser security
12.4 Understanding how web sites track users
12.5 Protecting email from viruses and interception

COURSE TOPICS AND CONTENT REQUIREMENTS:

Understanding Internet Basics
Understanding Browser Basics
Using E-Mail
Searching the Web
Getting Information from the Web
Communicating on the Web
Downloading Programs and Sharing Files
Extending Browser Capabilities
Increasing Web Security
Acting ethically and responsibly as a member of a digital society
Applying analytical and problem solving skills to the Internet/World Wide Web

INSTRUCTIONAL METHODS:

Lecture
Discussion
Hands-on Activities
Demonstrations
Group Projects

INSTRUCTIONAL MATERIALS:

Computer lab with projection device
Personal Computer with a recent version of Internet Explorer and a connection to the Internet
Textbook - The Internet: Illustrated Series, 6e by Schneider, Evans, and Pinard. ISBN 0538750987. Published by Course Technology/Cengage Learning.

STUDENT REQUIREMENTS AND METHODS OF EVALUATION:

Tests
Final Project Exam (Comprehensive)
Homework
Quizzes
Attendance
Participation

OTHER REFERENCES

Course Competency/Assessment Methods Matrix

CSN 1200; Using the Internet and the World Wide Web	Assessment of Student Learning	Article Review	Case Studies	Group Projects	Lab Work	Oral Presentations	Pre-Post Tests	Quizzes	Written Exams	Artifact Self Reflection of Growth	Capstone Projects	Comprehensive Written Exit Exam	Course Embedded Questions	Multi-Media Projects	Observation	Writing Samples	Portfolio Evaluation	Real World Projects	Reflective Journals	Applied Application (skills) Test	Oral Exit Interviews	Accreditation Reviews/Reports	Advisory Council Feedback	Employer Surveys	Graduate Surveys	Internship/Practicum /Site Supervisor Evaluation	Licensing Exam	In Class Feedback	Simulation	Interview	Written Report	Assignment
For each competency/outcome place an "X" below the method of assessment to be used.																																
Assessment Measures – Are direct or indirect as indicated. List competencies/outcomes below.	Direct/ Indirect	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	I	I	I	I	D	D		D				
1. First Things First									X	X										X								X				X
2. Networking Concepts and Facts									X											X								X				X
3. Working with E-mail									X											X								X				X
4. Mailing Lists and E-mail Archives									X											X								X				X
5. The World Wide Web									X											X								X				X
6. Search Strategies for the Web									X											X								X				X
7. Newsgroups and News Forums									X											X								X				X
8. FTP and File Downloads									X											X								X				X
9. Communicating/Working on the web									X											X								X				X
10. Web Page Construction									X											X								X				X
11. Social Issues									X											X								X				X
12. Web Security									X											X								X				X