

## Course Outline for:

### Introduction to the Internet (online)

<b>Grade Levels:</b>	9-12	
<b>Assignments:</b>	18 lessons	<b>Credits:</b> 5 units
<b>UC a-g Requirements:</b>	meets graduation requirement	
<b>Instructional Materials:</b>	all online	

#### **Course Description**

Introduction to the Internet provides students with a comprehensive overview of the World Wide Web. Beginning with its history, the course demonstrates the use of a variety of Internet search tools and the use of email. It teaches basic terminology and shows students how to access newsgroups and chatrooms, about the etiquette of the 'Net. They learn how to use the Internet for educational purposes, how to find information about colleges online. Students learn how to protect themselves from Internet hoaxes and viruses. Students learn about the shareware available on the 'Net. Web page design is also included.

#### **Learning Objectives**

- Students learn the basics of how the internet conveys & receives information
- Students understand the function of TCP-IP and data packets
- Students know and can utilize search engines
- Students know which search tool/engine is best for a certain topic or research endeavor
- Students know how to send & receive e-mail
- Students can organize e-mail using folders and/or mailboxes
- Students can send mail using lists and/or groups
- Students understand and utilize their own web browser
- Students explore the web and web browser choices & differences
- Students use & acquire bookmarks and/or favorites using their own web browser
- Students learn & understand the basics of web page building & HTML
- Students have the online tools and resources to ensure that online courses are rewarding

and beneficial as learning experiences

## **Course Outline**

### **Lesson 1: Online Basics & a History of the Internet**

- A) Course overview - things you can do on the Web
- B) Online basics - questions
- C) Diagram of the Internets - how information moves on the Internet - questions
- D) The Web & URLs - questions
- E) Beginnings of the Internet - the 1st Web browser - question
- F) Exploring the Internet - response questions

### **Lesson 2: Introduction to the World Wide Web**

- A) Web browsers - questions
- B) Exploring the Web - response questions

### **Lesson 3: Using Your Web Browser**

- A) Web browsers - response questions
- B) More on URLs - questions
- C) Yahoooligans site - questions

### **Lesson 4: Search Tools - The Basics**

- A) Yahoo - Questions
- B) AltaVista - questions
- C) Google - questions
- D) Mamma - questions

### **Lesson 5: More on Search Tools**

- A) Different ways to search the Web - Excite! - questions
- B) Advanced query types - questions/responses
- C) Search resources - responses - practice searching using techniques

### **Lesson 6: E-Mail Basics**

- A) Overview - response questions
- B) Practice & learning how to use your e-mail provider's features - questions/practice
- D) Emoticons, etc - practice sending enhanced e-mail
- E) More practice - questions

### **Lesson 7: More on E-Mail**

- A) Attachments - questions
- B) Mailboxes - questions
- C) "Netiquette" - questions
- D) Mailing lists - questions

### **Lesson 8: Finding News on the Web**

- A) Listing of news sources - questions/practice

B) Customizing news sources - practice

**Lesson 9: Internet Terminology, Review**

- A) Internet terminology - questions
- B) Terms & definitions - practice
- C) Practicing your searching skills - response questions

**Lesson 10: Study Aids on the Web**

- A) Encyclopedia.com, etc - questions
- B) Internet libraries - newspapers - questions
- C) Online books - more information & reference sites - response questions
- D) Review questions - extra credit assignment

**Lesson 11: Newsgroups & chat**

- A) Newsgroups - links - practice - questions
- B) Chat: chatroom links - questions - practice
- C) "Checking In": response questions

**Lesson 12: FTP, Myths of the Internet**

- A) FTP: overview & introduction - questions
- B) File compression - questions
- C) Internet myths & hoaxes - sites - response questions

**Lesson 13: More Internet Tricks**

- A) Tips & tricks - site - questions
- B) Plug-ins & multimedia - questions
- C) Extra credit assignment

**Lesson 14: Internet Security & Viruses**

- A) Viruses - information site - questions
- B) Trojan Horses - questions
- C) Interesting sites

**Lesson 15: How Web Pages Are Made**

- A) Web page design - questions
- B) Links to web page building sites - questions
- C) Practice building a web page - HTML practice - assignments
- D) View web page source

**Lesson 16: College Info on the Web**

- A) Links to Information on colleges - questions

**Lesson 17: Shareware & freeware**

- A) Overview
- B) Links - response questions

**Lesson 18: Wrap-up & Course Evaluation**

- A) Exploring - questions & assignments
- B) HTML advanced site link, etc - questions
- C) Course evaluation questions