

COURSE OUTLINE

CMSY-129

Principles of the Internet

3 Credits

HOWARD COMMUNITY COLLEGE

Description

The Internet provides worldwide communication capability and access to a vast amount of information. It is also a source of misinformation and attacks on computers. In this course, students learn about popular Internet tools and applications. Students will develop information literacy skills for searching for and evaluating information in the Internet, and learn to protect their computers and themselves from security threats, hoaxes, and scams. The course introduces business, legal and intellectual property issues as they pertain to the Internet. Students will learn how to create web pages using HTML. Familiarity with a computer, file management skills, and touch typing are strongly recommended for success in this class. Credit will only be granted for one of the following: CMSY-126 or CMSY-129. (3 hours weekly)

Overall Course Objectives

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

1. Use a variety of Internet and Web 2.0 applications, including social networking, blogging, and collaborative technologies.
2. Discuss the history of the Internet and the World Wide Web, and describe how the Internet is used today.
3. Describe the Internet search process and differentiate between the various Internet search tools and online research alternatives to search tools.
4. Perform advanced Internet searches that include the use of Boolean operators.
5. Use objective criteria to evaluate the quality of the information found on the Internet (information literacy).
6. Identify major security threats when using the Internet, safety precautions to take, and how to protect personal information and privacy online.
7. Utilize e-mail and Internet etiquette.
8. Identify elements of successful strategy for doing business on the Internet.
9. Discuss intellectual property, copyright, and plagiarism issues, and identify when it is acceptable to copy, borrow, or refer to information online.
10. Utilize basic HTML for creating and editing web pages.

Major Topics

- I. Internet Introduction
- II. Browsing the Web
- III. Web Searches and Information Literacy
- IV. Communicating Online
- V. Internet Security
- VI. E-Business
- VII. Introduction to HTML

Course Requirements

Students will work on lab projects using Internet and Web 2.0 applications and building web pages with HTML. Students should expect to create logins to several online applications during the course of the semester, and will be expected to represent themselves with the highest degree of professionalism.

Students are expected to participate in class, complete required assignments and projects. Students will also be evaluated by quizzes and exams throughout the semester.

Other Course Information

Students must spend significant time working on projects outside of the classroom. This will require Internet access and a computer either at home or in an open Computer Lab at Howard Community College. This course is a Business Elective and an Interdisciplinary and Emerging Issues Core Course.