# Department Master Syllabus Camden County College Blackwood, New Jersey

**Course Title:** Internet Tools and Techniques

**Course Number**: CIS-191

**Department/Program Affiliation:** Computer Information Systems

**Date of Review:** February 2017

(This Department Master Syllabus has been examined by the program/department faculty members and it is decided that no revision is necessary at this time.)

**Date of Last Revision**: April 11, 2011

(This Department Master Syllabus has been examined by the program/department faculty members and it is decided a change requiring a revision is necessary at this time.)

# Credits: 3

**Contact Hours:** Lecture 3 Lab 0 Other 0

**Prerequisites:** None

**Co-requisites:** None

**Course Description:** This is a theory course that provides a broad knowledge of the Internet and its capabilities. The benefit of this course, to even the most novice Internet user, is that many topics are explored and discussed. Topics include the history of the Internet, devices and basic operations of the Internet, security issues, searching and browsing, tools used for blogging, creating web pages and social networking. If the course is taught in a room with computers, the students benefit by being able to interact with the material, however, there are no graded or mandatory student computer exercises required during the lecture or lesson; therefore, there would be nothing for a student to do during any designated lab time. This course does not involve "how-to" elements that would need practice during a lab time.

**Course Student Learning Outcomes: (**Cognitive, Psychomotor, Affective Domains) Upon completion of this course, the student will be able to:

1. Describe the history and the background of the Internet and World Wide Web as assessed by research paper and class participation.
2. Identify the hardware devices that make up the Internet as assessed by laboratory assignments and exam.
3. Be able to explain domain name addressing and IP (Internet Protocol) as assessed by laboratory assignments and exam.
4. Master the basic operations of a Web Browser as assessed by laboratory assignments and exam.
5. Customize browser features as assessed by laboratory assignments and exam.
6. Understand how to download and install plug-ins and add-ons as assessed by laboratory assignments and exam.
7. Describe and use Internet searching tools and services to retrieve information as assessed by laboratory assignments and exam.
8. Understand how to interpret the results of net searching as assessed by laboratory assignments and exam.
9. Sending and reading electronic mail as assessed by laboratory assignments and exam.
10. Participate in a news group and mailing list as assessed by laboratory assignment.
11. Describe various modes of Web Interactivity as assessed by research paper and class participation.
12. Explore topics in Web page creation as assessed by research paper and class participation.
13. Compare and contrast current Internet security methods and privacy issues as assessed by research paper and class participation.
14. Explain the use and purpose of Cookies as assessed by research paper and class participation.

# General Education Student Learning Outcomes (if applicable):

N/A

# Course Outline:

1. Overview of the World-wide Web
2. Web History, Terminology, and Future Potential
3. Logging on to the Web
4. Inside the Browser
5. Plug- Ins and Add-Ons
6. Uses of Electronic Mail
7. Newsgroups, Telnet, and Gopher through a Browser
8. Breakthrough Web Technologies
9. Searching the Internet
10. Publishing on the Web
11. Commerce, Security, and Privacy

**Course Activities:** (A brief sentence or two about the format of the course, certain requirements, etc.)

The classroom activities will include formal and informal lectures. Additionally, demonstrations of Internet tools and searching techniques will be provided. Students are encouraged to contribute to the discussion and to ask questions about the material.

# Course Materials:

**Textbook(s): TBA Supplemental Materials: TBA**