

BOROUGH OF MANHATTAN COMMUNITY COLLEGE

City University of New York

Department of Computer Information Systems

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Introduction to the Internet

CIS 180

Spring 2012

Credits: 3

Class hours: 2

Lab hours: 2

Course Description:

This course introduces basic concepts of the Internet and Internetworking. The subjects covered include basic network concepts of transmission, topology and switching: Transmission Control Protocol/Internet Protocol (TCP/IP) suites, hardware and software needed for Internet applications and simple web pages construction will be taught. Personal safety issues online will be discussed.

Prerequisites: Basic skills- ENG 088; ESL 062; ACR 094; MAT 010/ 011;
CSC 110 (Computer Programming I) or CIS 100 (Introduction to Computer Applications) or
MMP 100 (Introduction to Multimedia)

Student Learning Outcomes:

After completing this course, students will be able to:

- **Outcomes:** Define the internetworking and World Wide Web concepts.
Assessment: Short essay questions in exams
- **Outcomes:** Explain the basics of the TCP/IP protocol and addressing schemes.
Assessment: Homework and quizzes
- **Outcomes:** Interpret the relationship between different hardware and software on the Internet.
Assessment: Homework and exam questions.
- **Outcomes:** Analyze personal safety issues online
Assessment: Lab exercises.
- **Outcomes:** Construct simple web pages.
Assessment: Lab exercises and projects.

General Education Outcomes and Assessment

- **Computer Literacy:** Demonstrate proficiency in using a computer and computer applications, including the Internet, to accomplish personal, academic, and/or professional tasks.
Assessment: Homework
- **Information and Technology Literacy:** Students will be able to collect, evaluate and interpret information and effectively use information technologies.
Assessment: Homework and exams

Required Text & Readings:

Textbook: **Web 101: Making the Net Work for You, 3rd Edition,**
Author: **Wendy. G. Lehnert**
Publisher: **Addison Wesley**
ISBN: **0-321-42467-0**
ISBN-13: **9780321424679**

Other Resources: A box of four CD-RWs; flash drives are recommended.

Use of Technology (if applicable):**Evaluation & Requirements of Students:**

Midterm Exam	25%
Final Exam	30%
Term Project	25%
Quiz/Homework	10%
<u>Class Participation</u>	<u>10%</u>
Total	100%

Outline of Topics:

Introduction to Networking
Introduction to the Internet
Hardware and Software requirements
TCP/IP protocol and addressing
Remote Access with SLIP and PPP Protocols
Accessing the Internet
SNMP protocol and electronic mail concepts

Telnet and FTP protocols
Using Newsgroup and IRC
Gopher
Searching on the Internet
World Wide Web

College Attendance Policy:

At BMCC, the maximum number of absences is limited to one more hour than the number of hours a class meets in one week. For example, you may be enrolled in a three-hour class. In that class, you would be allowed 4 hours of absence (not 4 days). In the case of excessive absences, the instructor has the option to lower the grade or assign an F or WU grade.

Academic Adjustments for Students with Disabilities:

Students with disabilities who require reasonable accommodations or academic adjustments for this course must contact the Office of Services for Students with Disabilities. BMCC is committed to providing equal access to all programs and curricula to all students.

BMCC Policy on Plagiarism and Academic Integrity Statement:

Plagiarism is the presentation of someone else's ideas, words or artistic, scientific, or technical work as one's own creation. Using the idea or work of another is permissible only when the original author is identified. Paraphrasing and summarizing, as well as direct quotations, require citations to the original source. Plagiarism may be intentional or unintentional. Lack of dishonest intent does not necessarily absolve a student of responsibility for plagiarism.

Students who are unsure how and when to provide documentation are advised to consult with their instructors. The library has guides designed to help students to appropriately identify a cited work. The full policy can be found on BMCC's web side, www.bmcc.cuny.edu. For further information on integrity and behavior, please consult the college bulletin (also available online).