

## SYLLABUS

<b>DATE OF LAST REVIEW:</b>	<b>02/2013</b>
<b>CIP CODE:</b>	52.0401
<b>SEMESTER:</b>	Departmental Syllabus
<b>COURSE TITLE:</b>	Introduction to the Internet
<b>COURSE NUMBER:</b>	CIST-0100
<b>CREDIT HOURS:</b>	3
<b>INSTRUCTOR:</b>	Departmental Syllabus
<b>OFFICE LOCATION:</b>	Departmental Syllabus
<b>OFFICE HOURS:</b>	Departmental Syllabus
<b>TELEPHONE:</b>	Departmental Syllabus
<b>EMAIL:</b>	<i>KCKCC issued email accounts are the official means for electronically communicating with our students.</i>
<b>PREREQUISITE(S):</b>	None

**REQUIRED TEXT AND MATERIALS:** Please check with the KCKCC bookstore, <http://www.kckccbookstore.com/>, for the required texts for your particular class.

### **COURSE DESCRIPTION:**

This course is designed for the student who has had little or no experience accessing the Internet. Students will learn the basic technology behind computer networking and explore a variety of the vast resources available on the Internet through hands-on activities.

**METHOD OF INSTRUCTION:** A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, and panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.

### **COURSE OUTLINE:**

The course outline is indicated below and is subject to change as course development dictates.

- I. Introduction
  - A. Network basics
  - B. Client/Server systems
  - C. What is the Internet?
  - D. Types of Internet connections
- II. Internet addressing
  - A. IP and domain names
  - B. Top-level domains
  - C. Sub-domains
- III. The Internet Mail System
  - A. Text vs. Binary data transmission

- B. Unix-based mail clients (e.g. Pine)
- C. PC-based mail clients (e.g. Eudora)
- IV. Finger
  - A. Displaying information about a person
  - B. Plan and .project files
- V. Anonymous FTP
  - A. Files types and compression
  - B. Directory structures
  - C. Uploading and downloading files
- VI. Archie
  - A. Finding anonymous FTP sites
  - B. Setting variables
  - C. Performing searches
- VII. WAIS
  - A. WAIS clients
  - B. Using WAIS to perform information searches
- VIII. The World Wide Web
  - A. Hypertext
  - B. Using browsers to navigate the Web
  - C. Types of WWW resources
- IX. USENET discussion groups
  - A. Organization and hierarchies
  - B. Using a newsreader to read and post articles
  - C. Article header information
  - D. Slang, conventions, netiquete
- X. Mailing Lists
  - A. Differences from USENET groups
  - B. Finding and subscribing to mailing lists
  - C. Moderated vs. unmoderated lists
  - D. Interactive participation
- XI. Creating Web Pages

#### **EXPECTED LEARNER OUTCOMES:**

- A. Upon completion of the course the student will be able to identify computer and networking components necessary to log on to the World Wide Web.
- B. Upon completion of the course the student will be able to define basic Internet-related terminology.
- C. Upon completion of the course the student will be able to identify resources available on the Internet.
- D. Upon completion of the course the student will be able to identify software tools that can be used to access Internet resources.
- E. Upon completion of the course the student will be able to identify techniques for locating and accessing Internet resources.

#### **COURSE COMPETENCIES:**

*Upon completion of the course the student will be able to identify computer and networking components necessary to log on to the World Wide Web.*

1. Upon completion of the course the student will be able to describe computer and networking components necessary to log on to the World Wide Web.

*Upon completion of the course the student will be able to define basic Internet-related terminology.*

2. Upon completion of the course the student will be able to identify and discuss internet related terminology
3. Upon completion of the course the student will be able to identify what a IP address is and how it is used

4. Upon completion of the course the student will be able to discuss what a hyperlinks is and how it is used

*Upon completion of the course the student will be able to identify resources available on the Internet.*

5. Upon completion of the course the student will be able to describe resources available on the Internet.
6. Upon completion of the course the student will be able to identify the protocols used on the Internet.
7. Upon completion of the course the student will be able to create, send, and receive e-mail.
8. Upon completion of the course the student will be able to subscribe and unsubscribe to mailing lists.
9. Upon completion of the course the student will be able to find online OS updates.
10. Upon completion of the course the student will be able to install online OS updates
11. Upon completion of the course the student will be able to find online hardware driver updates.
12. Upon completion of the course the student will be able to install online hardware driver updates.

*Upon completion of the course the student will be able to identify software tools that can be used to access Internet resources.*

13. Upon completion of the course the student will be able to describe software available to connect to and take advantage of the many resources available on the web
14. Upon completion of the course the student will be able to discuss how domain names are use on the Internet
15. Upon completion of the course the student will be able to FTP to Internet servers.
16. Upon completion of the course the student will be able to create a basic web page.
17. Upon completion of the course the student will be able to find online program trial versions.
18. Upon completion of the course the student will be able to install online program trial versions.

*Upon completion of the course the student will be able to identify techniques for locating and accessing Internet resources.*

19. Upon completion of the course the student will be able to describe techniques used to search, download, and access Internet resources.
20. Upon completion of the course the student will be able to use browsers to navigate the web.
21. Upon completion of the course the student will be able to identify how to use a USENET discussion group.

#### **ASSESSMENT OF LEARNER OUTCOMES:**

Assessment methods may include, but are not limited to, the following: Homework, Assignments, Quizzes, Class Participation, Chapter Tests, and Final Exam. The grading scale and the process for calculating the course grades are to be determined by the individual instructors. This information will be included in each instructor's syllabus.

#### **SPECIAL NOTES:**

This syllabus is subject to change at the discretion of the instructor. Material included is intended to provide an outline of the course and rules that the instructor will adhere to in evaluating the student's progress. However, this syllabus is not intended to be a legal contract. Questions regarding the syllabus are welcome any time.

Kansas City Kansas Community College is committed to an appreciation of diversity with respect for the differences among the diverse groups comprising our students, faculty, and staff that is free of bigotry and discrimination. Kansas City Kansas Community College is committed to providing a multicultural education and environment that reflects and respects diversity and that seeks to increase understanding.

Kansas City Kansas Community College offers equal educational opportunity to all students as well as serving as an equal opportunity employer for all personnel. Various laws, including Title IX of the Educational Amendments of 1972, require the college's policy on non-discrimination be administered without regard to race, color, age, sex, religion, national origin, physical handicap, or veteran status and that such policy be made known.

Kansas City Kansas Community College complies with the Americans with Disabilities Act. If you need accommodations due to a documented disability, please contact the Director of the Academic Resource Center at 913-288-7670.

All enrolled students at Kansas City Kansas Community College are subject to follow all rules, conditions, policies and procedures as described in both the Student Code of Conduct as well as the Student Handbook. All Students are expected to review both of these documents and to understand their responsibilities with regard to academic conduct and policies. The Student Code of Conduct and the Student Handbook can be found on the KCKCC website.