COURSE: IST 226  |  EFFECTIVE DATE: Fall 2012  |  NEXT REVIEW DATE: Fall 2013

TITLE: INTERNET PROGRAMMING  |  CREDITS: 3  |  CONTACTS: CLASS - LAB - TOTAL: 3 0 3

PREREQUISITES: IST-222 with grade of “C” or better

DESCRIPTION: This course covers designing Internet pages and applications for personal/business use, writing the required program code in languages such as HTML, JAVA, and VRML, testing and debugging programs, uploading and maintaining Internet pages and applications.

Upon successful completion of this course, the student should be competent to perform the following: Plan and Design, Create, Debug, Test and Upload web page applications.


COLLATERAL READING:

MATERIALS (specifying those to be purchased by student):
USB Storage Device (Flash Drive)

CLASS MANAGEMENT ACTIVITIES (Attendance, tardies, testing, etc.):

Academic Dishonesty:
The College expects each student to do his/her own work; if academic dishonesty occurs, disciplinary action will be taken. Academic dishonesty includes, but is not limited to cheating, plagiarism, collusion, and falsification of information. If such an event occurs, the Student will receive a grade of “F” for the project or test.

Attendance: The student will be dropped after their 6th absence for DAY students; and 3rd absence for Evening students.

NOTE: Summer students may miss no more than 2 absences at night or 8 during the day. Absences will be excused in an emergency and must be documented.

The student will be marked as tardy when arriving after the class roll has been called. Three (3) tardies will constitute one absence.

NETC Withdrawal Policy:
In the event that the student misses more than the allowable absences, the student will be dropped by the Instructor, who will complete a Withdrawal form, with a grade of “F”. If the Student wishes to withdraw from the class, the Student must complete a Withdrawal form which can be found in the Student
Development Office of the College. The Student will receive a grade of “W” if the work completed to date is acceptable; a grade of “WF” will be assigned if the work is unacceptable.

Statement On Written Assignments:
The instructor reserves the right to refuse any paper which is messy or unreadable or appears to be copied. Incorrect grammar and spelling errors will be noted. Papers will be graded on the basis of content, organization, grammar, spelling, and neatness. Papers containing any plagiarized material will result in a grade of “F” on the paper.

Class Policy:
During either a test or lab project, anyone caught exchanging information or copying someone else’s work will receive a grade of “F” for the project or test.

There is to be no food or beverages in the computer lab at any time.

All students MUST wear their student ID to class at all times.

NO personal e-mail access will be permitted, nor any other use of the Internet (including surfing, playing games, chatting, instant messaging, or downloading ANY files) will be allowed unless the Instructor designates the Internet as a tool necessary for the completion of an assignment. By registering for this course, the Student agrees to abide by these rules and those outlined in the NETC College Catalog, entitled “Computer Responsibilities”.

Disabilities Statement:
Students with disabilities are encouraged to contact the Dean of Student Services to discuss needs or concerns as they pursue an academic program and participate in campus life. The Dean of Student Services will provide guidance regarding official documentation of disabilities and/or accommodation of needs. (See College Catalog)

RESOURCES (A-V, persons, tools/equipment):
Computers and Lab Assistants

COURSE TOPICAL OUTLINE:  (List topics and sub-topics of course) and Calendar or approximate length of time devoted to topic.

The instructor will provide handouts to the students on the material being covered in the textbook.

COLLEGE-WIDE COMPETENCY:
The Student will be able to identify and use sources of information by utilizing information processing skills compatible with job demands in a computer-literate society.
LEARNING OUTCOMES FROM THE COURSE:
Students will develop programming solutions.

OBJECTIVES OF COURSE:
Upon successful completion of this course, the student should be competent to perform the following:

1. Knowledge of Internet terminology
2. Working knowledge of HTML (Hyper Text Markup Language) syntax
3. Understanding of Best Practices for Web Site Design

INSTRUCTIONAL METHODS TO COMPLETE OBJECTIVES:
Lectures
Tests
Projects
Reading assignments

EVALUATIVE METHODS TO APPRAISE OBJECTIVES:
Textbook and Lecture:
There will be tests given on the material covered in lecture and from assigned reading. These tests will be primarily objective with some short problems depending on the materials being covered.

Programming Assignments:
In order to fully comprehend the topics covered in classroom lectures, the student will be assigned a number of projects to use the techniques acquired in class.

There will be no retests or makeup tests given. A grade of “F” will be recorded for any test missed. If a problem arises, a test may be taken early at an agreed upon time.

All projects will be given a due date. TEN (10) POINTS will be subtracted from the grade for late projects.

No project will be accepted more than 1 week later than assigned. A grade of “F” will be assigned the work if the time schedule is not met.

NOTE: It is the responsibility of the Student to make arrangements to make-up any work missed due to an absence.

GRADING SCALE:
A = 100 - 93
B = 92 - 85
C = 84 - 78
D = 77 - 70
F = 69 AND BELOW