Kapi'olani Community College

Business, Legal, and Technology Education Department (BLT)

Information and Computer Science/Information Technology Services

ITS 227 Website Development

Syllabus--Spring 2012

SECTION: 33712	**TIME:** 10:45am--12:00pm	**DAYS**: M, W	**Location:** Mamane 104
INSTRUCTOR:	DR. STEVEN A. SINGER	**OFFICE:**	KOPIKO 218
OFFICE HOURS:	W 12:00pm--1:00pm (or by appointment)	**PHONE NO.** 734-9018	**email:** singer@hawaii.edu

http://laulima.hawaii.edu

TEXTBOOKS:	*HTML, XHTML, and Dynamic HTML* (4ed), by Patrick Carey & *Expression Web 4 in Depth*, by Jim Chesire
• USB Thumb Drive (1) • Mouse Pad (optional) • 10--20 megs of disk space • Access to computer with Internet connection • Flat ASCII text editor (ex., Notepad, Notepad++ SimpleText) • MS Expression Web 4 (Available via MSDNAA)	**ADDITIONAL MATERIALS:**
COURSE PREREQUISITES:	Recommended preparation: ITS 124, ITS 129, and ITS 148
ITS 227 introduces the student to the Internet and its effects on modern society. Students will review its history, concepts, and terminology. Hands-on activities will include how to connect to and navigate the Internet, create World Wide Web pages, and develop World Wide Web sites. A variety of Internet resources will be demonstrated and subsequently explored by students	**COURSE DESCRIPTION:**
	Upon successful completion of ITS 227, a student should be able to: • Discuss the history of the Internet. • Define the Internet. • Use the terminology of the Internet. • Explain how the Internet works. • Describe the e-commerce use of information technology

COURSE COMPETENCIES:	technology • Access the Internet through different protocols. • Work with the operating systems to connect to the Internet. • Navigate through various Internet resources to process e-mail, access information, and communicate with other networks. • **<u>Design, develop, and update World Wide Web pages.</u>** • Disseminate information on the Internet. • Explain the social impact of the Internet. • Describe current problems of the Internet. • Assess the future potential of the Internet.
ITS 227 is a required course for Information Technology Systems majors. This course explores the use of the Internet for information access and dissemination. The impact of the Internet on businesses and society is covered. Students will engage in extensive "hands-on" activities on the Internet. The first recommended preparation, ITS 129, provides the basic knowledge to understand the backend (database) of website development. By understanding how databases are constructed, students will be equipped with requisite knowledge to design and construct frontend data gathering web pages. The second recommended preparation, ITS 148, provides the knowledge to understand how information is programmed for dissemination at a World Wide Web Site. The programming knowledge will also help students understand Java Scripts. The student will do programming using HTML and Java scripts in implementing their World Wide Web pages. The third recommended preparation, ITS 124, provides the concepts of network and protocol standards that are applied on the Internet. This course supports the following college competency areas: • Computation and communication abilities. • Quality of life as affected by technology and science. • Awareness of the dynamics in contemporary issues. • Problem-solving and decision-making abilities. • Career choices and life-long learning.	**GENERAL EDUCATION AND RELATIONSHIP TO OTHER COURSES:**

- Study in a selected program.

This course also satisfies the following Associate in Arts degree competency:

- Show, by completion of elective and/or required courses, the educational background necessary for more specific professional and personal goals.

This course also satisfies the following Associate in Science degree competencies:

- Recognize effects of technology and science on natural and human environments.
- Understand contemporary issues and problems, and respond to the impact of current conditions.
- Demonstrate proficiency in conceptual, analytical, and critical modes of thinking.
- Develop insights into human experience and apply them to personal, occupational, and social relationships.
- Recognize relevance of career choices to life-long learning.
- Demonstrate competence in a selected program of study.

COURSE CONTENT:

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I. History and Social Impact of the Internet

    A. Legal Implications, Security, and Ethics

    B. Internet's Future

II. Concepts and Terminology

III. Connectivity

    A. Connection Types

    B. On-line Access Providers

    C. Operating Systems

IV. E-mail

V. Navigation of the Internet

    A. Browsers

    B. FTP

    C. Telnet

C. Telnet

D. Search Engines

VI. Other Internet Resources

     A. News Groups and Listserves

     B. Public Forums and Conferences

     C. Muds and Moos

     D. Real-time Chatting

     E. Audio and Video Conferencing

VII. Collaborative Projects

     A. Providing Information On-line

     B. HTML

     C. World Wide Web Page Development

     D. World Wide Web Site Development

PROJECTS

There will be two substantial projects for this course: one individual; one group. There will also be four minor individual projects that will come directly out of the homework/textbooks for the course.

QUIZZES

There will be two quizzes toward the beginning of the semester that will help guide students to a comprehension of HTML fundamentals.

EXAMS

There will be a midterm and final exam that will come from both textbooks and lectures. More details on the specific requirements will be released when we approach the exam times. These will be "production" exams: you will need to produce web pages.

ONLINE DISCUSSIONS

There will be opportunities for students to discuss

online various features and preferences of website design.

ePORTFOLIO REFLECTIONS

There will be several opportunities for students to reflect upon how what is studied in the class connects to the stated objectives of the class, IT program and the workplace.

PARTICIPATION/ATTENDANCE

Coming to class and participating in class and group activities are easy ways to be successful in class. Conversely, if students are either not present or do not participate in class activities, they will miss out on valuable skills and information.

You must attend class regularly. Missing sessions will lead to poor performance in assignments and tests. Your grade will suffer.

ONE OF THE BIGGEST FACTORS IN ACADEMIC SUCCESS IS ATTENDANCE.

ONE OF THE PRIMARY CAUSES OF FAILURE IS CHRONIC ABSENTEEISM.

Although I will be happy to help should you have difficulty understanding work missed during an absence, YOU are ultimately responsible for obtaining notes, handouts, assignments, etc. Ignorance of an assignment is not an acceptable excuse for not having done it.

If you know beforehand you will be absent from class, a quick call, email or message to my office explaining your absence, its length and cause would be appreciated.

EVALUATION:

Projects		Points Possible
Substantial (2)		400 (200*2)
Minor (4)		280 (70 * 4)
HTML Production Exam (Midterm)		100

GRADING:

MS Expression Web 4 Production Exam (Final)	100
ePortfolio Reflections (3 X 20)	60
Web Critique Online Disc	20
Quizzes (2)	40 (2*20)
Total	**1000pts**

90--100 % A

80---89 % B

70---79 % C

60---69 % D

59 below F

If you have a documented disability and have not voluntarily disclosed the nature of your disability and the support you need, you are invited to contact the Disability Support Services Office, 734-9552 (V/TTY), Ilima 103, for assistance.	**AMERICANS WITH DISABILITIES ACT COMPLIANCE:**
COMPUTER LAB POLICY:	Unless specified otherwise, all computers are powered down while a lecture is in progress. There will be no printouts during the entire lecture period. Please be considerate of others by returning computer equipment to its original state. BLT Lab(Mamane 103) lab hours: Monday through Thursday 8:00 am - 6:30 pm Friday 9:00 am - 4:00 pm (Subject to Change without Notice)
Students should familiarize themselves with the student conduct code in the most current KCC General Catalog. I expect all student to conduct themselves in a fashion appropriate to an academic classroom setting. Any manifestation of alcohol or drug abuse will be dealt with in accordance with the KCC Code of Student Conduct. We can have fun, but	

	STUDENT CONDUCT:
this is not a party, a disco, or a picnic. This is an institution of higher education, and students will behave in an appropriate, respectful manner. Because students are expected to help each other, especially by working together on projects, it is essential to respect classmates by actively listening, cooperating on group tasks, remaining in the classroom until the end of class, and expressing positive attitudes.	
PLAGIARISM:	Plagiarism is forbidden. Plagiarism is the copying of another's work either in part or whole, word-for-word, or paraphrased, without giving the author due credit (including work found on the WWW). You must do your own work. If students are using another's words or ideas, they must reference them appropriately. When in doubt, ask. Accidental plagiarism will result in the student redoing the assignment. Deliberate plagiarism (and I will be the judge) will result in an F for the assignment. Continued deliberate plagiarism may result in an F for the class and possible expulsion from the college.
As a courtesy to others, unless there is an impending problem (tell me in advance) please turn off all cellular phones and digital pagers while class is being held. While their use may be a convenience, their ringing or beeping during class can be a real disturbance. Please, check messages or make calls between classes or during break.	**COURTESY:**