

# Northern Marianas College

## CS 222 – Web Site Design

Credits: 3

Prerequisites: CS103, MA091, English Placement Level - EN 093/EN 094

Tuesday and Thursday 2:00pm to 3:25pm Building W - Room 2

### Instructor: Robert M. Laurie

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### Required Materials:

1. Textbook: HTML for the World Wide Web, 6th Edition, by Elizabeth Castro, Peachpit Press., 2007, ISBN: 0-321-43084-0
2. Computer Data Storage Device: USB Thumb Drive, 128MB minimum

### COURSE DESCRIPTION:

Students will learn to create a personal web site using the computer coding methodologies X/HTML and CSS (Cascaded Style Sheets). Web graphics will also be created and utilized for the website. Topics include navigation schemes and developing a design for a web site.

### COURSE OUTLINE:

1. Introduction to Computers and the Internet
2. Browsers: IE and Firefox
3. Web Page Building Blocks
4. XHTML Document Structure
5. XHTML Headings and Paragraphs Elements
6. XHTML Inline Elements
7. XHTML Lists
8. Creating and Using Web Images
9. XHTML Hyperlinks
10. RGB Color Codes
11. Cascaded Style Sheets for Formatting
12. Cascaded Style Sheets for Layout and Printing
13. XHTML Tables
14. Symbols and Unicode Characters
15. Publishing your Pages on the Web

## STUDENT LEARNING OUTCOMES:

Upon successful completion of this course, students will be able to:

1. Create a web site with at least six web documents with images and hyperlinks.
2. Create the web document structure utilizing valid XHTML strict code.
3. Identify the features and differences between various computer image formats.
4. Create custom web graphics and modify existing graphics for web site usability.
5. Create CSS style sheet rules to format web document using elements and classes.
6. Format a web document using inline styles, embedded CSS, and external CSS.
7. Design a web site that applies good design principles.
8. Manage a web site by transferring files to a remote web server.

## METHOD OF EVALUATION:

Students will be evaluated on the basis of class attendance, assignments, and exams. The total points for the course is approximately 400 points.

Evaluated Items	Percent
Exams & Quizzes	40%
Assignments	55%
Attendance	5%
Total	100.0%

Grade	Percent
A	100.0 to 90.0%
B	89.9 to 80.0%
C	79.9 to 70.0%
D	69.9 to 60.0%
F	Less then 60%

### ***Exams:***

Two 50 point exams and several quizzes will be given during the semester. The exams and quizzes are closed book. You are allowed to bring in one single sided 8 ½" x 11 sheet of handwritten notes for the two exams but not the quizzes.

### ***Assignments:***

Assignments will be given throughout the semester of various point values. Assignments must be submitted on the due dates at the beginning of class. Late assignments will be reduced approximately 50% for each class period late. If any portion of a project is Plagiarized (Using another's work and representing it is your own), then all students with copied work will receive a score of zero.

### ***Attendance and Attentiveness:***

Class attendance is mandatory. If a student does not attend a class they will loose 4 points. If a student is absent for six classes they fail the course. If student is tardy they will loose a proportionate number of points. If you miss a class or are late for class, it remains your responsibility to obtain information concerning material covered and assignments. Only students with officially excused absences confirmed via email will be able to make up the exams and assignments, others will receive a grade of zero. You need to provide documentation verifying the excused absence.

Students engaged in non-class activities during class will receive a point reduction for non-attentiveness.

## **CLASS POLICIES AND ETIQUETTE:**

1. There is no extra credit so do your best on the assignments and exams.
2. You must take the test at the scheduled date and time. There will be no make-ups.
3. Do not be rude by engaging in conversation with other students when the instructor or another student is speaking in class.
4. Please be attentive and listen to lectures. You need this important information to do the assignments efficiently. There is not enough time to repeat lectures individually.
5. The computers in the lab are to be used by students to do class assignments when class time is allocated. Students will be penalized for engaging in email or online chatting.
6. Students must turn in all assignments on the due date within the first five minutes of their assigned class. Late assignments will be reduced 50% for each class period late.
7. You are expected to read all assigned reading before coming to class. Coming to class prepared will allow you to do the assignments efficiently.
8. I encourage forming study groups to enhance learning, and recommend exchanging telephone numbers and email addresses with other students in your class.
9. If you have a cell phone (or text phone), turn it off while you are in class.
10. Smoking, eating, drinking, and betel nut chewing are not allowed in the classroom. Do not bring food or drink into the classroom.

## **STUDENTS WITH DISABILITIES:**

The Northern Marianas College is committed to ensuring, through a variety of services, facility and program access to students with either permanent or temporary disabilities. The Disability Support Services Program coordinates NMC's accommodations for students with documented disabilities. Accommodations are determined on a case-by-case basis at the request of the student. Please contact Counseling Programs and Services (Bldg. I) for disability information and services.

## **STUDENT DISSATISFACTION WITH THE COURSE:**

If a student is dissatisfied with any part of this course, he/she is encouraged to discuss it with the instructor. If he/she believes that the instructor is unwilling or unable to help with the concern(s), the student may bring the matter to the attention of the Academic Counselor. If the Academic Counselor can't resolve the issue, the student may bring the matter to the attention of the following, in the order listed:

1. Department Head: Business, Hospitality and Computer Department
2. Dean of Instruction