

UNIVERSITY *of* MARYLAND
UNIVERSITY COLLEGE - *Asian Division*

CMST 386 – Internet: An Advanced Guide (Dynamic-HTML)

Credits: 3

Tuesday and Thursday 6:00 to 9:00, Iwakuni MCAS, Japan

Prerequisites: CMST385

Instructor: Assoc. Professor Robert Laurie

Telephone: 253-5321

Email: rlaurie@ad.umuc.edu

Web Site: <http://www.islandman.org/>

Textbooks:

Java Script (The Definitive Guide) 3rd. Edition, Flanagan, David,
ISBN#: 1565923928. (This textbook is also used in CMST 498D.)

Creative HTML Design.2, Lynda Weinman, ISBN 0735709726

(This book was used in CMST385)

Description:

A study of advanced applications for the Internet and the World Wide Web. Focus is on Web page design, including features such as frames, animation, and cascading style sheets. Dynamic HTML and JavaScript are introduced. Assignments include publishing a Web page. Students may receive credit for only one of the following courses: CAPP 386 or CMST 386.

Objectives:

1. Summarize the major strengths and weaknesses of the Net.
2. Evaluate Web browsers as means of accumulating material on a specific topic.
3. Evaluate the validity of information found on the Net.
4. Demonstrate the capabilities of HTML and Java Scripting.
5. Appraise the regulatory impact on the Net and its users.
6. Evaluate the effectiveness of the Web in solving academic and work-related problems.
7. Design and develop a Web page for publication.

Web Site Requirements List:

1. Strong focus on design
2. Include frames on at least one page
3. Introduce java script with two programs
4. Increased focus on content and applicability
5. Include CSS (cascading style sheet) formatting
6. Introduce dynamic html (dhtml)
7. Hit counter
8. Meta tags
9. Extensive table formatting
10. Copyright statement page

Grades:

The grade in the course will be based on 3 exams and several projects:

Items	Scores	Percent
Exam 1	100	20%
Exam 2	100	20%
Exam 3	100	30%
Projects	200	30%
Total	500	100%

Grade	Scores	Percent
A	500 to 450	100.0 to 90.0%
B	449 to 400	89.9 to 80.0%
C	399 to 350	79.9 to 70.0%
D	349 to 300	69.9 to 60.0%
F	< 300	Less than 60%

Exams:

Exams 1, 2, and 3 will cover topics discussed in that portion of the class. I encourage students to study together for exams and will not curve scores.

Only students with officially excused absences will be able to make up the exams, others will receive a grade of zero. You must contact me via email, for me to authorize a makeup exam time prior to the scheduled exam time. You need to provide me with documentation verifying the excused absence. Failure to comply with these requirements will result in a score of zero on the exam.

Projects:

Project assignments of various point values will be given throughout the term. Completed project reports must be submitted on the due dates. Late assignments will be reduced 25% of the total point value for each class period late. No projects will be accepted after the final exam time.

Grading will be 80% objective (results, explanations, conclusions) and 20% subjective (neatness, clarity, conciseness, extra work). A project report that minimally meets all specifications will receive a score of 80% of the total points. If any portion of a project is plagiarized, the entire project will receive a score of zero.

Attendance:

Class attendance is mandatory. If you miss a class meeting, it remains your responsibility to obtain information concerning the material covered and upcoming assignments. Excessive absences may result in your being assigned a grade of *F(n)*! *Failure due to non-attendance.*

CMST 386 Course Schedule (Tentative *)

Date:	Topics:	Read Before Class:
Week 1	HTML and Web Graphics Review Designing a web Site	Weinman Chap. 2, through 10 Weinman Chap. 11, 12
Week 2	Cascaded Style Sheets Frames	Weinman Chap. 13 Weinman Chap. 14
Week 3	EXAM 1 – First Class Introduction to JavaScript and Rollovers	Flanagan Chap. 1, 2 Weinman Chap. 14
Week 4	JavaScript Data Types, Variables Expressions, Statements	Flanagan Chap. 3, 4 Flanagan Chap.5, 6
Week 5	EXAM 2 – First Class JavaScript Functions, Objects, Arrays	Flanagan Chap.7, 8
Week 6	JavaScript in Web Browsers, JavaScript Style Sheets Windows and Frames, DOM, Events Handling	Flanagan Chap. 12 Flanagan Chap.13, 14, 15
Week 7	Dreamweaver Demonstration EXAM 3 – Last Class	
Week 8	FINAL PROJECT PRESENTATIONS	

* This syllabus is tentative and is subject to change.