

CMSC 100: Web Programming

Course Description: Programming for the web, creating dynamic web pages, developing web applications.

Prerequisites: CMSC 2 and CMSC 22

Credit: 3.0 units

Goal(s): At the end of the course, students should be proficient in web programming, having a commanding grasp of different web programming technologies.

Tentative Outline

1. Introductory Terms
2. Overview of Web App Development Tools
3. Designing Web Applications
4. Introduction to Web App Frameworks
5. Data: Sources and Formats
6. Client Side Scripting
7. Server-side Scripting
8. Web App Framework(s) : Zooming in
9. Web App Metrics
10. Special Topics

Course Assessment:

1st, 2nd, 3rd Written Exam	45% (15% each)
Web Programming Exercises (Lab Exercises)	35%
Group Project (Lab)	10%
Group Report (Lect)	5%
Discussion Group Reports (Lect & Lab)	5%

Total	100%
-------	------

Grading Scale :

96-100	1.00	70-74	2.25
90-95	1.25	65-69	2.50
85-89	1.50	60-64	2.75
80-84	1.75	55-59	3.00
75-79	2.00	50-54	4.00
		00-49	5.00

Notes:

- A missed requirement will be dropped from the computation of a student's grade iff he/she presents a valid excuse slip (from the College Secretary's Office) not later than a week after his/her return to class; no excuse slip means a grade of zero for that requirement.
- Having more than nine (9) *unexcused* absences in the Lecture *plus* Laboratory classes would mean a grade of 5.
- A grade of INC will be given for a student who misses half (or more) of the Laboratory Exercises due to absences (whether excused or unexcused) provided that his/her course standing is a PASSING grade.
- A student whose grade in the Laboratory Exercises is less than half of the total maximum grade for the Lab Exercises would also be given a grade of INC iff his/her course standing is a PASSING grade.
- No cheating. Anyone caught cheating or found to be involved in any activity that involves cheating will be given a final grade of 5.

Course Instructor:

Prof. Mini May Markie M. Sandoval

Office:

ICS, Room C-125

Consultation Hours: 8-11 am, TTh and 4-5 pm Tues-Fri

Email address: mini.may.markie.sandoval@gmail.com

Note: For your message to be properly filtered, send with phrase "CMSC 100" on the email's subject.