

CIS 371 Web-based Programming

Syllabus

Instructor information

- Instructor: Jerry Scripps
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- Office hours: MWF 10-11 and 3-4

General Course Information

Course Description: This course offers an exploration into the programming structure of the world wide web. Materials covered include the techniques and models that are commonly used as well as a survey of the programming and markup languages that are employed.

Prereqs: (CIS 162 or CIS 260) and (CIS 350 or CIS353)

Text: none - web resources will be given.

The last day to drop with a grade of "W" is 10/28/16

Academic Honesty: All students are expected to adhere to the academic honesty standards set forth by Grand Valley State University. In addition, students in this course are expected to adhere to the academic honesty guidelines as set forth by the School of Computing and Information Systems, the details of which can be found here.

Assignments

Homework: Weekly homework will be assigned to reinforce the course topics.

Project: The project in this course will involve students designing, writing and debugging their own web based application. Students are expected to work in teams of 3-4 members.

Testing: There will be a midterm exam plus the final. All tests will be announced in advance. Make-ups are at the discretion of the instructor. The FINAL EXAM will be given on Monday 12/12 from 2 to 4pm. This is the officially schedule time for the final exam and no student will be allowed to take it at any other time without prior approval by the instructor.

The student is responsible for material covered or announcements made in class any day he/she is absent.

Grading Scale

percent	grade	percent	grade
94 - 100	A	77 - 79	C+
90 - 93	A-	73 - 76	C
87 - 89	B+	70 - 72	C-
83 - 86	B	67 - 69	D+
80 - 82	B-	60 - 66	D
		below 60	F

Point Distribution

	points	%
homework	100	25.0
project	50	12.5
exam 1	100	25.0
final	150	37.5
total	400	100.0

Schedule

week of	lecture	homework	exams
8/29	HTML, CSS	hw1	
9/5	Javascript basics	hw2	
9/12	Javascript DOM	hw3	
9/19	PHP basics	hw4	
9/26	PHP database, DOM	hw5	
10/3	XML, DTD, JSON, XSL	hw6	
10/10	AJAX and jquery	hw7	
10/17	Review, project organization, Exam		exam 1
10/24	responsive web, bootstrap	hw8	
10/31	Geolocation, offline storage	hw9	
11/7	jquery UI, CMS, frameworks	hw10	
11/14	project work		
11/21	catch up		
11/28	Security		
12/5	Project presentations		project due
	Final exam		