

Course Calendar

JMS 302: Hacking the Media, Fall 2014

The following lays out the basic structure of the class. The schedule is subject to change based on the needs and progress of the course. Changes to the schedule are announced in class; even if you are absent for the announcement, you are still responsible for the assignment and must get it from a classmate.

Date		Topics	Reading	Homework
8/19	1	Introduction, setup, Intro to the command line		Create GitHub.com account (free level).
8/21	2	Your first programs GitHub	http://bit.ly/hacking-1	Week 1: <ul style="list-style-type: none">• Create a trial account on MyBalsamiq.com (you'll be invited to group projects later, which don't require paid accounts)• Make sure you finish the readings originally assigned for this week, including Pine (which is available in the bookstore)
8/26	3	Planning your program & your layout HTML Structure & Text	HTML, Intro & Chapter 18 JavaScript, Intro & Chapter 1 HTML, Chapters 1 & 2	
8/28	4	HTML Formatting Getting Started in Ruby	HTML, Chapters 3-5 Pine, Intro & Chapters 2-4	Week 2, due Monday night (9/1, 11:59 p.m.) <ul style="list-style-type: none">• Using MyBalsamiq.com, create a sitemap and mock-up of a homepage for Unblight. Download the image and

				BMML files. [3 pts] <ul style="list-style-type: none"> • Create an simple homepage for Unblight using relevant tags from Chapters 1 & 2 [2 pts] • Submit your files (you should have 5 of them) via GitHub. Create a “homework” directory and then a “week_2” directory under that for your files. • Email the URL for your GitHub repository to porter_tm@mercuer.edu .
9/2	5	Ruby Methods	Pine, Chapters 5-6	
9/4	6	Ruby Flow Control, Arrays & Iterators	Pine, Chapters 7 & 8	Week 3, due Sunday night (9/7, 11:59 p.m.) <ul style="list-style-type: none"> • Pine, 2.5 exercises [1 pts] • Pine, 5.6 exercises [2 pts] • Pine, 6.2: Angry Boss [2 pts] • Pine, 7.5: Deaf Grandma (all the exercises are recommended) [3 pts] • Pine, 8.3: Building and sorting an array [2 pts] • Submit via GitHub, “week_3” directory within your “homework”
9/9	7	(Class starts at 9:35) Ruby exercises		
9/11	8	Ruby exercises		Week 4, due Sunday night (9/14, 11:59 p.m.) <ul style="list-style-type: none"> • In-class exercises this week [5 pts] • Code Academy Ruby track through “Redacted” [5 pts]
9/16	9	Intro to CSS	HTML, Chapters 8 & 10	

		Ruby Writing Your Own Methods	Pine, Chapters 9	
9/18	10	[Class cancelled]		Week 5, due Monday night (9/22, 11:59 p.m.) <ul style="list-style-type: none"> • Pine, 9.5: 1st two exercises [5 pts] • Code Academy, Ruby track, Arrays & Hashes and Blocks and Sorting sections (4 groups) [5 pts]
9/23	11	Ruby: Reading & Writing Files CSS Colors, Text, Images Embedding, Useful Tools	Pine, Chapter 11 HTML, Chapters 11, 12 & 16 Skim HTML, Chapter 9	
9/25	12	Quiz		Week 6, due Sunday night (9/28, 11:59 p.m.) <ul style="list-style-type: none"> • Exercise TK • Code Academy, HTML (all 3 HTML sections, 8 groups) [5 pts]
9/30	13	HTML Tables CSS Boxes, Tables CSS Layout	HTML, Chapter 6 HTML, Chapters 13 & 14 HTML, Chapter 16	
10/2		FALL BREAK	--	
10/7	14	HTML Forms Ruby CGI	[Class only] HTML, Chapter 7	
10/9	15	Midterm Exam		
10/14	16	JavaScript Basics Events & jQuery Ruby Objects I	JavaScript, Chapters 2-5 JavaScript, Chapters 2-7 Pine, Chapter 12	
10/16	17	JavaScript Ajax & JSON, Forms	JavaScript, Chapters 8, 13 Pine, Chapter 13	

		Ruby Objects II		
10/21	18	Content Panels Ruby Blocks & Procs	JavaScript, Chapter 11 Pine, Chapter 14	
10/23	19	APIs	JavaScript, Chapter 9	
10/28	20	APIs	[Online TBA]	
10/30	21	Error Handling & Debugging	JavaScript, Chapter 9	
11/4	22	Filtering, Searching & Sorting	JavaScript, Chapter 12	
11/6	23	Project work [JEA]	TBA	
11/11	24	Misc. JavaScript Tools	[Online TBA]	
11/13	25	Web Frameworks	[Online TBA]	
11/18	26	Web Frameworks	[Online TBA]	
11/20	27	Databases & Web Frameworks	[Online TBA]	
11/25	28	Databases & Web Frameworks	[Online TBA]	
11/27		THANKSGIVING	--	
12/2	29	SEO, Analytics, Publishing	HTML, Chapter 19	
12/4	30	[maybe] Ruby Recursions & Sorting	Pine, Chapter 10	
		Project work	TBA	
		Project work	TBA	
12/9		2-5 p.m.: Final Exam	--	