


Slide 1.1: Syllabus


Slide 1.3: A generic e-commerce system structure





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Tentative Schedule

Week	Class	Topic	Reading	Due	Where
1	01/11 01/13	1. Introduction			
		1.1 Course outline			We're here.
		1.2 System overview			
		1.3 Technology survey			
2	01/18 01/20	2. Programming Exercise I			
		2.1 Specifications			
		2.2 Construction steps			
	01/16	 Martin Luther King, Jr. Holiday (Monday) — no classes			
	01/19	Last day to add a course or drop without record Last day to add audit or change to/from audit Last day to receive a refund on a dropped class Drops after the last day to add will appear on a transcript.			
3	01/23 01/25 01/27	3. PHP (HyperText Preprocessor)			
		3.1 PHP basics			
		3.2 PHP syntax			
		3.3 PHP control statements			
4	01/30 02/01 02/03	4. PHP (Cont.)			
		4.1 PHP functions			
		4.2 PHP forms			
		4.3 PHP buttons			
5	02/06 02/08 02/10	5. MySQL and SQL			
		5.1 MySQL database			
		5.2 Data definition language (DDL)			

		5.3 Data manipulation language (DML)			
6	02/13 02/15 02/17	6. PHP and MySQL			
		6.1 Connecting to MySQL			
		6.2 Defining tables			
		6.3 Managing tables			
7	02/22	7. Android Mobile Operating System			
		7.1 Programming Exercise II			
		7.2 Android introduction			
	02/20	 Presidents' Day Holiday (Monday) — no classes			
	02/24	 Exam I (Friday)			
8	02/27 03/01 03/03	8. An Android Hello-World Project			
		8.1 Manifest file			
		8.2 Layout XML code			
		8.3 Java source code			
9	03/06 03/08 03/10	9. Android User Interface Processing			
		9.1 Hypertext			
		9.2 Radio buttons			
		9.3 Checkboxes			
10	03/13 03/15 03/17	 Spring Break — no classes			
11	03/20 03/22 03/24	11. Android Server Connection			
		11.1 Android URL connection			
		11.2 Java source code			
		11.3 Server-side PHP scripts			
12	03/27 03/29 03/31	12. AJAX Technologies			
		12.1 Programming Exercise III			
		12.2 AJAX basics			
		12.3 AJAX examples			

13		13. XML and HTML DOM			
	04/03	13.1 XML introduction			
	04/05				
	04/07	13.2 DOM introduction			
		13.3 HTML DOM			
	04/07	Last day to change to or from S/U grading Last day to change to or from audit grading Last day to drop a full-term course or withdraw from school			
14		14. JavaScript			
	04/10	14.1 JavaScript introduction			
		14.2 JavaScript syntax			
	04/12	 Exam II (Wednesday)			
	04/14	 Easter Holiday (Friday) — no classes			
15		15. JavaScript (Cont.)			
	04/19	15.1 JavaScript commands			
	04/21	15.2 JavaScript examples			
	04/17	 Easter Holiday (Monday) — no classes			
16		16. AJAX Anatomy and Examples			
	04/24	16.1 AJAX sending a request			
	04/26				
	04/28	16.2 AJAX server response			
		16.3 AJAX examples			
17		17. Electronic and Mobile Commerce			
	05/01	17.1 Electronic commerce introduction			
	05/03	17.2 Mobile commerce introduction			
18	05/10	 Final exam (01:00pm – 03:00pm, Wednesday)			
19	05/16	Grades posted before noon, Tuesday			

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