

	<b>Course</b>	CS 6301.0U1 WEB PROGRAMMING LANGUAGES SE 6301.0U1
	<b>Professor</b>	Dr. Richard Min (Ph.D., MBA, MS, MDiv, STM)
	<b>Term</b>	Summer 2015
	<b>Meetings</b>	Tuesday & Thursday 3pm-5:15pm ECSS2.312

### Professor's Contact Information

<b>Office Phone</b>	972-883-4522
<b>Office Location</b>	ECSS 4.609
<b>Email Address</b>	Richard.Min@utdallas.edu
<b>Office Hours</b>	Tuesday & Thursday 10am-11am, 7pm-9pm (or by appointment)

### General Course Information

<b>Pre-requisites</b>	
<b>Course Description</b>	Web Programming Languages course provides a detailed presentation and understanding of web architecture, standards, protocols, tools, and technologies. The course also introduces students to basic tools required for web programming including HTML/HTML5, CSS, and JavaScript. The course will familiarize students with AJAX, XML, JSON as well as database technologies, and server-side programming using PHP and Ruby on Rails. We will also deal with advanced web programming architecture, web security protocols & standards, techniques and algorithms related to web services, cloud computing and semantic web.
<b>Learning Outcomes</b>	After successful completion of this course, the student should be able to: 1. Ability to understand web architecture, standards, protocols, tools, and technologies 2. Ability to understand HTML, HTML5 and CSS. 3. Ability to understand JavaScript, JQuery, AJAX, XML, JSON 4. Ability to understand Database Technologies and SQL 5. Ability to understand Server-side programming with PHP 6. Ability to understand Web Services SOAP and RESTful Web Services 7. Ability to understand Web Security Protocols & Standards Semantic Web
<b>Required Text</b>	Fundamentals of Web Development. Randy Connolly and Ricardo Hoar. © 2014 Pearson. ISBN-978-0133407150.
<b>Recommended Text</b>	Internet and World Wide Web: How to Program. 5ed. Deitel. © 2012 Prentice Hall. ISBN-10: 0132151006 • ISBN-13: 9780132151009 <b>Available online via UTD ebook Safari.</b>
<b>Supplemental Text, Online Resources</b>	1. Beginning Web Programming with HTML, XHTML, and CSS. 2ed. Jon Duckett. Wrox. ISBN: 978-0-470-25931-3 2. Beginning JavaScript, 4th Edition Author: Paul Wilton and Jeremy McPeak. Wrox. ISBN 978-0-470-52593-7.

### Important Dates \*

<b>05/28 Thursday</b>	First Day of Class (CS6301)
<b>07/04 Saturday</b>	Holiday
<b>06/18, 7/02, 7/16, 7/30 Thursday 11:59pm *</b>	4 Assignments Due – check eLearning for details
<b>6/25 Thursday * 8/06 Thursday *</b>	Exam 1, 2 (TESTING CENTER) – each 2-hour test
<b>8/03 Monday 11:59pm *</b>	Project Due (and Demo 8/04-8/06)

<b>8/06 Thursday</b>	Last Day of Class
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\* Note: The dates here are tentatively assigned and are subject to change as needed.

### Course Policies

<b>Grading Criteria</b>	4 Assignments (4 x 10%)	40%	A = 93-100
	Project	10%	A- = 90-92
	Quiz & Learning Activities	10%	B+ = 87-89
	2 Tests (20% + 20%)	40%	B = 83-86
			B- = 80-82
			C+ = 77-79
			C = 73-76
			C- = 70-72
			F = below 70
<b>Make-up Exams</b>	Not allowed		
<b>Late Work</b>	2% reduction in grade per 2 hours for any late submissions. There is no credit (that is, grade 0) after 4 days late after the due date/time.		
<b>Class Attendance</b>	Required; Attendance will be taken		
<b>Classroom Citizenship</b>	Respect for your classmates is necessary at all times		
<b>All other policies</b>	Please visit <a href="http://go.utdallas.edu/syllabus-policies">http://go.utdallas.edu/syllabus-policies</a> for other policies		