



Course	The Google Web Toolkit: Developing Web Services				
Overview	<p>This course has been designed for training professionals on the latest technologies for developing distributed, transactional applications over the web, without writing HTML or populating forms with Java data. The main benefit of applying the GWT approach is that web applications are easier to maintain.</p> <p>The course focuses on the use of the Google Web Toolkit, which is an evolving platform that has been designed to support the development of sophisticated web based distributed applications, while placing strong emphasis on the user experience when interacting with them.</p> <p>The course takes place in a lab environment, giving the participants hands experience with the technologies to be used.</p>				
Objectives	<p>The objectives of the course are to</p> <ul style="list-style-type: none"> ■ Introduce basic concepts of architecting n-tier distributed systems ■ Introduce techniques for structuring transactional, AJAX based web applications ■ Introduce concepts of synchronous and asynchronous communications ■ Introduce techniques for structuring web based systems with the use of the GWT ■ Introduce techniques for interfacing to back end systems 				
Who should attend	<ul style="list-style-type: none"> ■ Individuals who want to build a strong background in developing sophisticated web applications ■ Software Engineers who want to sharpen their skills in software technologies ■ Managers and decision makers who want to get first hand exposure to state of the art software technologies 				
Prerequisites	<ul style="list-style-type: none"> ■ Intermediate programming skills in Java ■ Java utilities and data structures 				
Dates & Duration	<ul style="list-style-type: none"> ■ May 07,08,09, 10,11 2012 ■ 5 days ■ 40 teaching hours 	Class Daily Time Schedule			
		Hr	Starts	Ends	Intervals
		1	9:30	10:15	
		2	10:15	11:00	11:00-11:15
		3	11:15	12:00	
		4	12:00	12:45	12:45-13:00
		5	13:00	13:45	
		6	13:45	14:30	14:30-14:45
		7	14:45	15:30	
		8	15:30	16:15	
Instructors	Course Led by Dr Sofoklis Efremidis, AIT Professor				
Topics to be Covered	<ul style="list-style-type: none"> ■ Advanced techniques for architecting and designing n-tier software systems ■ Advanced techniques for developing, implementing and deploying enterprise level distributed systems with the use of the GWT ■ Techniques for interfacing with back end systems 				
Training Methodology	<ul style="list-style-type: none"> ■ Lectures ■ Effective agile tools for immediate application ■ State of the art techniques used in the current market ■ Exercises / Projects ■ Hands on Lab 				
Course outline	<ul style="list-style-type: none"> ■ Introduction to the GWT ■ N-tier distributed architectures ■ Interface definition and implementation ■ Asynchronous communications ■ Client side, GWT widgets ■ Server side and communication to back end systems ■ Object persistence using JDO ■ Scheduling tasks 				
Expression of Interest	excedu@ait.gr please send your contact info, including program title in email subject line				
Registration Form	http://hermes.ait.gr/registrations/multiple.php?prog=315				
Venue	Classroom 1A, Level 1 ,AIT, Building B7, INTRACOM Campus, 19 km, Markopoulou Av, Peania 190 02 How to Reach AIT: http://www.ait.edu.gr/ait_web_site/how_to_reach_us.jsp				
Tuition Fee	<p>Single Participation: € 1.190,00</p> <p>This course is also available for in-house training for 4-10 participants @ competitive pricing OAED funding may reach up to 100%, for more information please contact us.</p> <p>Discount Policy Cancellation Policy</p>				
Contact	Katerina Protonotariou, Executive Education Manager, AIT, krpo@ait.gr , 210 6682806, extn 5806				

