

Program	09TT- Engineering in Telecommunication Technologies and Services
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Course number and name	
Number	95000083
Name	Client-side Web technologies Tecnologías Web Cliente
Semester	Y2-S4

Credits and contact hours	
ECTS Credits	4.5
Contact hours	60

Coordinator's name	Carlos Ángel Iglesias
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Specific course information		
Description of course content		
Introduction to Web technologies and their use in real cases.		
List of topics to be covered		
Introduction to Web technologies, HTML, CCS, JavaScript and JQuery, PHP, design, usability and accessibility.		
Prerequisites or co-requisites		
None		
Course category in the program		
<input type="checkbox"/> R (required)	<input type="checkbox"/> X <input type="checkbox"/> E (elective)	<input type="checkbox"/> SE (selective elective)

Specific goals for the course	
Specific outcomes of instruction	
RA252 – Basic programming skill for web applications with Access to data RA278 – Lo learns how to install and configure a LAMP environment. RA279 - Learning to program an application with data access technologies combining client and server side. RA280 – Basic knowledge about accessibility, usability and design. RA286 – Understanding the differences between client and server technologies.	
Student outcomes addressed by the course	
CE-TL7, CG9	

Bibliography and supplemental materials

Programming PHP, 3rd Edition, Kevin Tatroe, Peter MacIntyre, Rasmus Lerdorf, O'Reilly Media, Inc., 2013.
 Pragmatic Guide to JavaScript, C. Porteneuve, Pragmatic Programmers, 2010
 CSS3, Visual Quickstart Guide, J. Cranford, Peachpit Press, 2011.
 HTML5. Up and Running, M. Pilgrim, O'Reilly, 2010.
 Learning JQuery 1.3, J. Chaffer, Packt Publishing, 2009.
 CSS: the missing manual, D. Sawyer, O'Reilly, 2nd edition, 2009.
 Pragmatic Ajax. A Web 2.0 primer, J. Gehtland, B. Galbraith and D. Almaer, Pragmatic Programmers

Teaching methodology

X_ lectures	X_ problem solving sessions	__ collaborative actions	X_ laboratory sessions
Other:			