

Course Title	Web Programming				
Course Code	CSC203				
Course Type	Compulsory				
Level	BSc/1st Cycle				
Year / Semester	2 nd /3 nd				
Teacher's Name	Hikmat Farhat				
ECTS	5	Lectures / week	3 hours	Laboratories / week	2 hours
Course Purpose and Objectives	The aim of the course is to understand advanced Java themes and programming on the Internet.				
Learning Outcomes	<p>Upon successful completion of the course, students will be able to:</p> <ul style="list-style-type: none">• Understand JAVA-enabled database access technologies and an Internet environment• They use threads to implement network applications• Use the distributed JAVARMI model• They use network-class sockets to implement java client server applications• They know basic issues in Web services in CORBA technology				
Prerequisites	-	Required	-		
Course Content	Introduction to JDBC Introduction to JSP / Servlets Java Threads Introduction to JAVASCRIPT / CSS / HTML5 Distributed CORBA communication model Distributed Objects - RMI Web services- SOAP Security and Java objects				
Teaching Methodology	Lectures 42 hours Labs 30 hours				
Bibliography	N. Williams, Professional Java for Web Applications. Craig Grannell , The essential guide to CSS and HTML web design, Springer J.N. Robbins, O'Reilly , Learning Web Design, A beginner's guide to HTML, CSS, JavaScript and Web Graphics				
Assessment	Final Exam 80% Assignment 20%				

Language	English
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