



**AMERICAN UNIVERSITY
OF CYPRUS**

Course Code CSC203	Course Name Web Programming	ECTS Credit 5
Pre-Requisite	Course Type Compulsory	Language of Instruction English
Year of Study 2 nd /3 rd	Level of Course BSc/1st Cycle	Mode of Delivery On Campus

Course Objectives:

The aim of the course is to understand advanced Java themes and programming on the internet.

Learning Outcomes:

Upon successful completion of the course, students will be able to:

- 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

Teaching Methodology:

Lectures 42 hours

Labs 30 hours

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

Assessment Methodology:

Final Exam

Mid-Term/Labs

Assignment

Required Textbooks/Reading:

Title	Author(s)	Publisher	Year
Professional Java for Web Applications.	N. Williams		
The essential guide to CSS and HTML web design, Springer	Craig Grannell		
Learning Web Design, A beginner's guide to HTML, CSS, JavaScript and Web Graphics	J.N. Robbins, O'Reilly		