

Course Name : JAVA Programming

Course Code	Course Type	Regular Semester	Lecture (hours/week)	Seminar (hours/week)	Lab. (hours/week)	Credits	ECTS
CMP 110	C	Spring	2.00	0.00	2.00	2.00	5.00

Lecturer	Ksandra Xhukellari, Msc
Assistant	
Course language	Albanian
Course level	Bachelor
Description	
Objectives	
Core Concepts	

Course Outline

Week	Topic
1	Introduction to Java
2	Structure of Java Program
3	Static Methods in Java
4	Primitive Data Types and Loops
5	Constants and Loops in Figures
6	Interactive Programs and Conditional Structures
7	Methods with Parameters
8	Semi Final Exam
9	Return and Math Functions
10	Strings and Characters
11	Arrays in Java
12	Graphics
13	Graphics User Interface (GUI) - I
14	Graphics User Interface (GUI) - II
15	General Review
16	Final Exam

Prerequisites	The student must attend the course at a minimum rate of 75%.		
Literature	• Building Java Programs, A Back to Basics Approach-Pearson (2016), Stuart Reges & Marty Stepp		
References	• Cikël leksionesh, Reges 2020. https://courses.cs.washington.edu/courses/cse142/20sp/		
Course Outcome			
1	Të mësohen bazat dhe sintaksa e gjuhës JAVA.		
2	Duhet të kuptohen strukturat e kontrollit dhe metodat.		
3	Duhet të përvetësohen metodat e programimit në objekte me anë të gjuhës JAVA.		
4	Të mësohet konceptimi i ndërfaqes grafike me JAVA.		
Course Evaluation			
	In-term Studies	Quantity	Percentage
	Midterms	1	30
	Quizzes	0	0
	Projects	0	0
	Term Projects	0	0
	Laboratory	3	15
	Class Participation	1	10
	Total in-term evaluation percent		55
	Final exam percent		45
	Total		100
ECTS Workload (Based on Student Workload)			
	Activities	Quantity	Duration (hours)
	Course duration (Including the exam week: 16x Total hours of the course)	16	4
	Study hours outside the classroom (Preparation, Practice, etc.)	14	3
	Duties	0	0
	Midterms	1	8
	Final Exam	1	12
	Other	0	0
	Total Work Load		126
	Total Work Load / 25 (hours)		5.04
	ECTS		5.00