

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		Artur Koci, PhD					
Assistant		Migena Ceyhan, PhD					
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		0	0
Class Participation		0	0
Total in-term evaluation percent			30
Final exam percent			70
Total			100
ECTS Workload (Based on Student Workload)			
Activities	Quantity	Duration (hours)	Total (hours)
Course duration (Including the exam week: 16x Total hours of the course)	16	4	64
Study hours outside the classroom (Preparation, Practice, etc.)	14	2	28
Duties	0	0	0
Midterms	1	13	13
Final Exam	1	20	20
Other	0	0	0
Total Work Load			125
Total Work Load / 25 (hours)			5.00
ECTS			5.00