



Fundamental Programming Techniques - Laboratory Schedule

Computer Science Department, TUCN

Spring 2026

Week	Laboratory Activity	Resources	Evaluation
1	Laboratory resources – installation and familiarization	PT_Git_Maven.pdf PT_Resources.pdf	–
	Assignment 1 presentation	PT_A1.pdf	–
2	Assignment 1 - Design	PT_A1_S1.pdf	–
	Overview of Java Collection Framework (Introduction, Map)		
	Composite Design Pattern		
3	Serialization in Java	PT_A1_S2.pdf	–
	Graphical User Interface Development in Java		
4	Assignment 2 - Presentation	PT_A2.pdf	Assignment 1 Evaluation
5	Assignment 2 - Design	PT_A2_S1.pdf	–
6	Overview of Threads in Java	PT_A2_S2.pdf	–
7	Threads Coordination in Java	PT_A2_S2.pdf	–
8	Assignment 3 - Presentation	PT_A3.pdf	Assignment 2 Evaluation
9	Assignment 3 - Design	PT_A3_S1.pdf	–
	Reflection in Java		
10	Lambda Expressions in Java	PT_A3_S2.pdf	–
11	Streams in Java	PT_A3_S2.pdf	–
12	–	–	Assignment 3 Evaluation
13	Exercises with lambda expressions and streams	–	–
	Laboratory Test (during course sessions)		
14	Laboratory Test Results – Discussion	–	–