Weekly Teaching Plan

Module: Software Project Development
Academic Year: 2023-2024 / Semester 1
Module Leader: Prof. Dr Vladimir Geroimenko

Week 1

Lecture: Introduction to Software Project Management. (Textbook: Chapter 1).
Lab: Introduction to the labs

Week 2

Lecture: Project Evaluation and Project Planning. (Textbook: Chapter 2 and 3).
Lab: Introduction to the module and assignment.

Week 3

Lecture: Methodologies for Project Management and Software Development. (Textbook: Chapter 4 and Appendix A).
Lab: MS Project. Management templates.

Week 4

Lecture: Activity Planning. (Textbook: Chapter 6).
Lab: WBS & PBS.

Week 5

Lecture: Size and Effort Estimation: Size – Functional Point Analysis. (Textbook: Chapter 5).
Lab: Size estimations.

Week 6

Lecture: Size and Effort Estimation: Effort – COCOMO. (Textbook: Chapter 5).
Lab: Effort estimations. Proposal meetings.

Week 7

Lecture: Resource allocation. (Textbook: Chapter 8).
Lab: Scheduling: Floats calculations & Critical Path Method.

Week 8

Lecture: Risk Management, part I (Textbook: Chapter 7).
Lab: Project support & template.

Week 9

Lecture: Risk Management - Part II (Textbook: Chapter 7).
Lab: Phase 2 discussions

Week 10

Lecture: Teamwork. (Textbook: Chapter 12).
Lab: Risk management.

Week 11

Lecture: Managing people. (Textbook: Chapter 11).
Lab: Project support.

Week 12

Lecture: Software quality. (Textbook: Chapter 13).
Lab: Project discussion.