

I040	Basics of project management	L	P	S	ECTS 4
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Course objectives. Introducing the concepts and basic understandings of the process of leading the work of a team to achieve goals and meet success criteria at a specified time. The course will cover most of the practical methodologies that apply in real-world scenarios.

Prerequisites. Bachelor in Computer Science or Mathematics.

Course content.

1. Introduction. What is a project? What is project management? Role of the project manager.
2. Organizational influences and project life cycle
3. Project management processes: initiating, planning, executing, monitoring, closing.
4. Project integration management. Inputs. Tools and techniques. Outputs.
5. Project scope management.
6. Project time management.
7. Project cost management.
8. Project quality management.
9. Project human resource management.
10. Project communication management.
11. Project risk management.
12. Project stakeholder management.

LEARNING OUTCOMES

No.	LEARNING OUTCOMES
1.	Understanding of approaches that enables original development and application of individual ideas.
2.	Differentiate between project, program and portfolio.
3.	Independence when working on some project.
4.	Presenting and yourself and your work.
5.	Applying skills that will enable long-life education in this area.

RELATING THE LEARNING OUTCOMES, ORGANIZATION OF THE EDUCATIONAL PROCESS AND ASSESSMENT OF THE LEARNING OUTCOMES

TEACHING ACTIVITY	ECTS	LEARNING OUTCOME **	STUDENT ACTIVITY*	EVALUATION METHOD	POINTS	
					min	max
Attending lectures and exercises	0,5	1-5	Lecture attendance, discussion, teams work, independent work on given tasks and short written exams	Attendance lists, tracking activities, closed form exercises	0	4
Homework assignments	0,5	1-5	Independent work on given problems	Evaluation	0	4
Written exam (Mid-terms)	1	1-5	Preparing for written exam	Evaluation	25	46
Final exam	2	1-5	Revision	Oral exam	25	46

TOTAL	4				50	100
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Teaching methods and student assessment. Lectures and exercises are obligatory. Exercises will be used for practical assignments following the topics presented on lectures. Students will individually or in groups work on clearly defined case study. The final grade will be defined according the following: 20% lecture attendance, 20% active participation in case study, 20% in case study presentation, 40% oral and written exam.

Can the course be taught in English: Yes

Basic literature:

1. PMI, A Guide to the Project Management Body of Knowledge (PMBOK® Guide)–Fifth Edition

Recommended literature:

1. M.Williams, The Principles of Project Management, Sitepoint, 2008.
2. E. Verzuh, The Fast Forward MBA in Project Management-Fourth Edition, Wiley, 2012.