

Syllabus

Basic data of the subject			
University/Faculty:	University of Applied Sciences in Ferizaj/ Faculty of Engineering and Informatics		
Academic unit:	Industrial Engineering and Informatics		
Title of the subject:	Engineering project management		
Level:	Bachelor		
Course Status:	Mandatory		
Year of studies:	3		
Number of hours per week:	4		
Value of Credits - ECTS:	5		
Time / location:			
Course lecturer:			
Contact details:			
Course Description			
	<i>The concept of the project. Effects of project management. The project cycle (project phases); Identifying, planning, organization and control of the project, identification and decomposition of activities, budgeting and scheduling, organization of activities and work packages, Recruiting Manager and project staff, monitoring and evaluation projects; reports. Exercises in concrete projects and Microsoft Project Management.</i>		
Objectives of the course:	<i>The main objective of this course is to build skills (knowledge and skills) to manage effectively projects according to international standards and methodologies.</i>		
Expected learning outcomes:	<p><i>After completing the course, students will be able to:</i></p> <ul style="list-style-type: none"> • <i>Define the problem or opportunity</i> • <i>Identify the aim of the project</i> • <i>Specify the objectives and identify project activities</i> • <i>Prepare project proposals</i> • <i>Manage successful engineering projects</i> • <i>Organize, motivate and control project successful staff</i> 		
Contribution to the student load (which must correspond with learning outcomes)			
Activity	Hour	Day/Week	In total
Lectures	2	15	30
Theoretical exercises / laboratory	2	15	30
Internship	2	2	4

Contacts with teacher / consultations			
Field exercises			
Midterm, seminars and projects.	2	4	8
Homework	2	2	4
Self-learning time student (at the library or at home)	2	15	30
Final preparation for the exam	3	5	15
Time spent on evaluation (tests, quiz and final exam)			
Projects and presentations	2	2	4
Total			125

Teaching methodology:	<i>lecture, discussion, seminar, graphic works, workgroup</i>
Assessment methods:	<p><i>Examination content: Project assignment as seminar paper and final exam,</i></p> <ul style="list-style-type: none"> • <i>Attendance and Activity: 10%</i> • <i>First assessment: 30%</i> • <i>Second assessment: 30%</i> • <i>Seminar work / Project assignment: 30%</i> <p>Total: 100%</p>
Literature	
Basic Literature:	<ol style="list-style-type: none"> 1. <i>M. Mustafa: Menaxhimi i projekteve dhe investimeve, Riinvest 2008</i> 2. <i>S. Panariti, Menaxhimi i projekteve, Tirane</i> 3. <i>B. Skenderi, MS Project 2010, Prishtinë</i>
Additional Literature:	1. <i>Schwalbe, K. (2015). Information Technology Project Management. 8th edition. Cengage Learning</i>
The ratio of theory and practice	<i>100% theory with exercises.</i>

Designed learning plan	
Week:	Lectures and exercises to be held
Week one:	<i>Objective of the course - Syllabus; Introduction to Project Management</i>
Week two:	<i>The concept of the project</i>
Week three:	<i>Effects of project management.</i>
Week four:	<i>The project cycle (project phases);</i>
Week five:	<i>Identifying, planning, organization and control of the project,</i>
Week six:	<i>Identification and decomposition of activities</i>

Week seven:	<i>First assessment</i>
Week eight:	<i>Budgeting and scheduling</i>
Week nine:	<i>Organization of activities and work packages</i>
Week ten:	<i>Recruiting Manager and project staff</i>
Week eleven:	<i>Monitoring and evaluation projects</i>
Week twelve:	<i>Reports</i>
Week thirteen:	<i>Working with Microsoft Project Management</i>
Week fourteen:	<i>Working with Microsoft Project Management</i>
Week fifteen:	<i>Second assessment</i>

Academic policies and rules of conduct

<i>Regular attendance of lectures and exercises is necessary, as well as active participation with discussion and solution of tasks. Not impeding the progress required for learning using mobile phones turned off or in silent mode.</i>
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