1.	Course Title	ICT Project Management
2.	Code	F18L3S022
3.	Study program	Software engineering and information systems
4.	Study Program Organizer	Faculty of Computer Science and Engineering
5.	Degree (first, second, third cycle)	first cycle
6.	Academic year / semester 4 / summer / mandatory	7. ECTS credits 6
8.	Teacher	full professor Panche Ribarski, full professor Ljupcho Antovski, full professor Dimitar Trajanov, assistant professor Milosh Jovanovikj, assistant professor Vladimir Zdraveski
9.	Course enrollment prerequisites	(Софтверско инженерство или Анализа на софтверски барања) и (Веб прогрмирање или Интернет технологии или Имплементација на системи со отворен и слободен код)

10.	Course program goals (competencies):

After completion of the course, the student is expected to understand and have broader knowledge in applying the techniques and methods for managing ICT projects. To have in-depth knowledge in managing software and system requirements, project monitoring and evaluation metrics. To know to apply tools for managing various project interest groups, analyze and manage the project costs, and to prepare management reports. To use software tools for project life-cycle management.

11.	Course program content:

(1) Project Management types (Agile, Extreme, Lean)
(1) Team management. Organization of teams. Virtual and global teams
(1) Teamwork (responsibilities, meetings, task scheduling).
(1) Project communication. Conflict resolution.
(1) Management and Leadership.
(1) Requirements engineering
(1) Assessment and planning
(1) Schedule and monitoring
(1) Quality control
(1) Risk management
(1) Configuration and change management

	(1) Project Management Tools			
12.	Learning methods: Lectures using presentations, interactive lectures, exercises (using equipment and software packages), teamwork, case studies, invited guest lecturers, independent preparation and defense of a project assignment and seminar work.			
13.	Total available time	6 ECTS x 30 hours = 180 hours		
14.	Distribution of the available time	30 + 45 + 15 + 15 + 75 = 180 hours		
15.	Teaching activity forms	15.1.	Lectures – theoretical teaching	30 hours
		15.2.	Exercises (laboratory, auditory), seminar papers, teamwork	45 hours
16.	Other activity forms	16.1.	Project Tasks	15 hours
		16.2.	Independent Learning Tasks	15 hours
		16.3.	Home learning	75 hours
17.	Assessment methodology			
	17.1.	Tests		0 points
	17.2.	Seminar paper/project (presentation: written and oral)		20 points
	17.3.	Activity and learning		10 points
	17.4.	Final exam		70 points
18.	Assessment criteria (points/grade)	up to 50 points	5 (five) (F)	
		51 to 60 points	6 (six) (E)	
		61 to 70 points	7 (seven) (D)	
		71 to 80 points	8 (eight) (C)	
		81 to 90 points	9 (nine) (B)	
		91 to 100 points	10 (ten) (A)	
19.	Course completion and final exam requirements	Realized activities 15.1 and 15.2		
20.	Teaching Language	Macedonian and English		
21.	Teaching quality evaluation method	Internal evaluation mechanisms and questionnaires		
22.	Course Material			
	22.1.	Mandatory course material		

No.	Author	Title	Publisher	Year
1	Adolfo Villafiorita	Introduction to Software Project Management	CRC Press	2014
2	Marcus Ries, Diana Summers	Agile Project Management: A Complete Beginner's Guide to Agile Project Management	CreateSpace Independent Publishing Platform	2016
3	Ashfaque Ahmed	Software Project Management: A Process-Driven Approach	Auerbach Publications	2011

22.2.	Additional course material			
	No.	Author	Title	Publisher	Year