

Add. 3		Course program for the first, second and third degree of studies				
1.	Course title	Quality systems				
2.	Code	292				
3.	Study group(s)	PInf, MSKI, MV				
4.	The organizer of the study program (unit, institute, department)	Faculty of Mechanical Engineering - Skopje, Ss. Cyril and Methodius University in Skopje				
5.	Level (first, second, third degree)	First				
6.	Academic year / semester	summer	7.	Number of ECTS credits	6	
8.	Professor	Professor Mikolaj Kuzinovski, PhD				
9.	Preconditions for enrolling the course	not have				
10.	Purpose of the course program (competences): Getting of the knowledge about identification of the quality systems, their characteristics and quality assurance techniques.					
11.	Contents of the course program: Introduction with quality definition. Characteristic of the quality. Fundamentals of the quality systems. Deming 14 points. ISO 9000 series standards. Total Quality Management. Quality policy. Continuous improvement. Selected techniques for quality assurance: QFD, FMEA, SPC, Control chart for numerical and attributive features.					
12.	Study methods: Interactive teaching, auditory and /or laboratory practical, individual and / or team working on the project assignments, self-study.					
13.	Total available time period	6 ECTS x 30 hours = 180 hours				
14.	Available time assessment	30 + 30 + 30 + 30 + 60 = 180 hours				
15.	Educational activity module	15.1.	Teaching lectures	30 hours		
		15.2.	Practice, seminars, team work	30 hours		
16.	Other activity module	16.1.	Project assignments	30 hours		
		16.2.	Selfrunning assignments	30 hours		
		16.3.	Home studying	60 hours		
17.	Evaluation methods					
	17.1.	Tests	70 points			
	17.2.	Projects	20 points			
	17.3.	Activity and participation	10 points			
18.	Evaluation criteria (points and marks)		Under 50	5 (five) (F)		
			51 - 60 points	6 (six) (E)		
			61 - 70 points	7 (seven) (D)		
			71 - 80 points	8 (eight) (C)		
			81 - 90 points	9 (nine) (B)		
			91 - 100 points	10 (ten) (A)		
19.	Signature and final exam requirements		The realized activities 15.2; 16.1 and 16.2			
20.	Language used for performing the teaching		Macedonian language			
21.	Method used for following the teaching quality		The polling and other forms of continuous evaluation			
22.	References					
	22.1.	Main references				
		No.	Author	Title	Publisher	Year

		1.	M. Kuzinovski	Quality Systems (reproduced lectures)	Faculty of mechanical engineering- Skopje	2012
		2.	K.Scheiber	ISO 9000, Qualitass International		1988
		3.				
		Additional references				
	22.2.	No.	Author	Title	Publisher	Year
		1.				