

Add. 3		Course program for the first, second and third degree of studies			
1.	Course title	Testing of vehicles and machines			
2.	Code	164			
3.	Study group(s)	MV, TML			
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)	First			
6.	Academic year / semester	III, VIII	7.	Number of ECTS credits	6
8.	Instructor	Prof. D-r Milan Kjosevski			
9.	Prerequisites	Motor vehicles design			
10.	Course objectives (competences): Introduction of basic methods of experimental testing of characteristics, performances and safety of vehicles and machines				
11.	Course content: Basic testing principles, basics of measurement, uncertainty, electrical measurement of mechanical quantities. Testing of working loads, performances, reliability, and safety				
12.	Study methods: interactive lectures, auditory practice and/or laboratory practice, self running and/or team work projects, self learning				
13.	Total hours	180 hours			
14.	Hours allocation per activity:	30+30+0+30+90			
15.	Lectures/Lab	15.1.	Teaching lectures	30 hours	
		15.2.	Practice, seminars, team work	30 hours	
16.	Project Work/Assignments	16.1.	Project assignments	0 hours	
		16.2.	Selfrunning assignments		
		16.3.	Home studying	90 hours	
17.	Points/Marks:				
	17.1.	Tests			80 points
	17.2.	Projects			10 points
	17.3.	Attendance			10 points
18.	Grading scale	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.	Prerequisites for taking the final exam	Realized activities 15.1; 15.2, and 16.2			
20.	Language of Instruction	Macedonian language			
21.	Course evaluation	Attendance, passing, survey			

22.	Textbooks					
	22.1.	Instruction materials				
		No.	Author	Title	Publisher	Year
		1.	Milan Kjosevski	Testing of vehicles and machines – teaching material	MF	2012
		2.	Danev Dragi, Milan Kjosevski	Motor vehicles testing, guide for laboratory work	MF	1999
3.						

		Supplemental Instruction Materials				
22.2.		No.	Author	Title	Publisher	Year
		1.				