

Add. 3		Course program for the first, second and third degree of studies			
1.	Course title	Theory of motion of motor vehicles			
2.	Code	304			
3.	Study group(s)	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)	First			
6.	Academic year / semester	III, V	7.	Number of ECTS credits	6
8.	Instructor	Prof. D-r Milan Kjosevski			
9.	Prerequisites	Mathematics I			
10.	Course objectives (competences): Longitudinal and lateral dynamics of motor vehicles				
11.	Course content: Wheels and rolling; motion resistance; engine characteristics; drive diagram; power distribution; differential equation of motion; dynamic characteristics; acceleration; time and length of acceleration; braking characteristics; lateral stability.				
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+50+0+70			
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	40 hours	
		16.2.	Selfrunning assignments		
		16.3.	Home studying	80 hours	
17.	Points/Marks:				
	17.1.	Tests			70 points
	17.2.	Projects			20 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 16.1			
20.	Language of Instruction	Macedonian language			
21.	Course evaluation	Attendance, passing, survey			

22.	Textbooks					
	22.1.	Instruction materials				
		No.	Author	Title	Publisher	Year
		1.	Dragi Danev	Theory of motion of motor vehicles	MF	1999
		2.	Milan Kjosevski	Theory of motion - exercises	MF	2002
3.		Danev Dragi, Milan Kjosevski	Motor vehicles, guide for calculating of performances			

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