

Add. 3		Course program for the first, second and third degree of studies			
1.	Course title	Ropeways and ski-lifts			
2.	Code	153			
3.	Study group(s)	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	IV / Winter	7.	Number of ECTS credits	6
8.	Instructor	Associate Professor Viktor Stojmanovski, PhD			
9.	Prerequisites	Machines for continuous transport– Passed exam Construction and mining machinery – Passed lectures Machines for cyclic transport – Passed Lectures			
10.	Course objectives (competences): Acknowledgement of types of ropeways and ski lifts. Design, maintenance, operation and testing. Design of certain characteristic elements, systems and assemblies of Ropeways and ski lifts.				
11.	Course content: Introduction. Groups and types of ropeways. Elements, systems and assemblies of ropeways. Safety devices and equipment. Groups and types of ski lifts. Types of ropes and their specifics. Safety of ropeway transport systems for passengers. Inspection of ropeways and ski lifts. Overview of legislation.				
12.	Study methods: interactive lectures, auditory practice and/or laboratory practice, self running and/or team work projects, self learning				
13.	Total hours	6 ECTS x 30 = 180 hours			
14.	Hours allocation per activity:	30+30+20+20+80=180 hours			
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	20 hours	
		16.2.	Selfrunning assignments	20 hours	
		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	Completed activities 15.1, 15.2, 16.1 and 16.2			
20.	Language of Instruction	Macedonian language			
21.	Course evaluation	Satisfaction surveys and other forms of continuous evaluation			

22.	Textbooks				
	22.1.	Instruction materials			
		No.	Author	Title	Publisher
	1.	V. Stojmanovski	Ropeways and ski lifts (Manuscript)	UKIM	2003

		2.				
		3.				
		Supplemental Instruction Materials				
	22.2.	No.	Author	Title	Publisher	Year
		1.		Existing legislation, Law and standards		