machines of cyclic transport 11. Course content: Designing and calculations of crane hoist mechanism. Design calculations of crane moving mechanism. Designing and calculations of elevators. 12. Study methods: interactive lectures, auditory practice and/or laboratory practice, self rur and/or team work projects, self learning 13. Total hours 14. Hours allocation per activity: 15. Lectures/Lab 15.1. Teaching lectures 15.2. Practice, seminars, team work work 16.1. Project assignments 16.2. Selfrunning assignments 16.3. Home studying 17. Points/Marks: 17.1. Tests 17.2. Projects 17.3. Attendance 18. Grading scale 19. Under 50 51 - 60 points 61 - 70 points 7 (see 71 - 80 points 8 (end) 8 (end) 8 (end) 8 (end) 9 (end) 17. Selfrunding assignments 18. Grading scale	i								
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6. Academic year / semester Winter 7. Number of ECTS credits 8. Instructor Prof.Slave Jakimovski PhD 9. Prerequisites Passsed of machines for cyclic transport 10. Course objectives (competences): Designing and calculations for certain mechan machines of cyclic transport 11. Course content: Designing and calculations of crane hoist mechanism. Design calculations of crane moving mechanism. Designing and calculations of elevators. 12. Study methods: interactive lectures, auditory practice and/or laboratory practice, self rur and/or team work projects, self learning 13. Total hours 14. Hours allocation per activity: 180 hours 15. Lectures/Lab 15.1 Teaching lectures 15.2 Practice, seminars, team work 16.1 Project Work/Assignments 16.1. Project assignments 1 16.2 Selfrunning assignments 17. Points/Marks: 17.1 Tests 17.2 Projects 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9. 9.									
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81 - 90 points 9 (ven) (D)								
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91 - 100 points 10 19. Prerequisites for taking the final exam Realized aktivities 15.1, 15.2, 16.1	91 - 100 points 10 (ten) (A) Realized aktivities 15.1, 15.2, 16.1								
20. Language of Instruction Macedonian language	Macedonian language								
Course evaluation Mechanisms for intern evaluation and surveys									

22.	Textbooks								
		Instruction materials							
	22.1.	No.	Author	Title	Publisher	Year			
		1.	Славе Јакимовски	Машини за цикличен транспорт	Интерна скрипта	2010			
		Supple	mental Instruction Materials		l	I			
	22.2.	No.	Author	Title	Publisher	Year			
		1.	S. Tosic	Liftovi	MFBeograd	2004			

	2.	R.Mijalovik I drugi	Transportne masine-	MF Nis	1988
			praktikum		