Add	. 3	Course program for	or the	first, second and third	level (cy	cle) of studi	es	
1.	Course	a titla	- 17	Thermodynamics				
2.	Course title Code			308				
3.		group(s)		PI, TML, TE, HIMV, MSKI, IIM, MV, EE, MHT, AUS				
4.				Faculty of Mechanical Engineering - Skopje,				
٦.				Ss. Cyril and Methodius University in Skopje				
5.		(first, second, third)		First				
6.	Academic year / semester			Summer 7. ECTS credits 6				
8.	Instructor			Assistant Professor Filip Mojsovski, Ph.D				
9.	Prerequisites			10				
10. Course objectives (competences):								
	Studying of the science of heat, the use of thermal systems							
11.	Course content: Temperature, Thermal comfort, First law of Thermodynamics, Equation of state for ideal gases, State changes for ideal gases, Circular processes, Second law of Thermodynamics, Water vapor, Moist air, Liquefaction of gases, Fluid flow, Combustion, Heat transfer, Thermal conduction, Thermal convection, Thermal radiation, Heat exchangers							
12.	Study	methods: Interactive teaching	, exerc	cises, single-handed less	sons			
13.	Total h		,	6 ECTS x 30 = 180				
14.		allocation per activity:		30 + 30 + 30 + 30 + 60 = 180 classes				
15.		es/Lab	15.1.			30		
			15.2.	2. Lab (student work)			30	
16.	Projec	Project Work/Assignments 10		. Project assignments			30	
				. Individual assignments			30	
			16.3.	Self-study			60	
17.	Points	/Marks:			<u> </u>			
	17.1. Tests					70 points		
	17.2. Projects					2	0 points	
	17.3.	Attendance				10	0 points	
18.	Grading scale			Under 5			five) (F)	
				51 - 60 points		6 (six) (E)		
				61 - 70 points		7 (seven) (D)		
				71 - 80 points		8 (eight) (C)		
				81 - 90 poin			ine) (B)	
10	Dec	unicitae for taking the final	-	91 - 100 poin	ts	10 (ten) (A)	
19.		quisites for taking the final exa	m	No				
20.	Language of Instruction			Macedonian				
21.	1. Course evaluation Student questionnaire							
	1							

. Textbo							
	Instruction materials						
	No.	Author	Title	Publisher	Year		
22.1.	1.	B. Andrejevski	Thermodynamics	Ss. Cyril and Methodius University - Skopje	1988		
	2.	F. Mojsovski	Thermodynamics- Examples	Faculty of Mechanical Engineering - Skopje	2011		

	3.	A. Mojsovski	Heat transfer	Ss. Cyril and Methodius University - Skopje	1992			
	Supplemental Instruction Materials							
22.2.	No.	Author	Title	Publisher	Year			
	1.	F. Bošnjaković	Nauka o toplini	Tehnička	1976			
				knjiga - Zagreb				