

UNIVERSITY OF NIŠ

Course Unit Descriptor		Faculty	Faculty of Mo	culty of Mechanical Engineering		
GENERAL INFORMATION						
Study Program	Energy and Process Engineering					
Study Module (if applicable)	-					
Course Title	Refrigerating Devices					
Level of Study	Bachelor	🖂 Ma	aster's 🗌 Doctoral			
Type of Course	Obligator	Obligatory Elective				
Semester	🛛 Autumn	□ Sp] Spring			
Year of Study	I					
Number of ECTS Allocated	6					
Name of Lecturer/Lecturers	Bratislav D. Blagojević					
Teaching Mode	LecturesLaboratoDistance	ry work 🛛 🖾 Pro	up tutorials ject work nded learning	 □ Individual tuto ⊠ Seminar □ Other 	orials	
Purpose and Overview (max. 5 see	ntences)					
Adopting principles of refrigeration acquire knowledge required to star and devices, as well as in the field o	t a carrier in t	he fields of design, c				
Syllabus (brief outline and summa						
(1) Introduction. (2) Working chara refrigeration systems operation. (9 storage. (9) Tunnels for continuou refrigeration. (12) Energy efficiency solutions in refrigeration.	5) Compresso s freezing. (10	rs sizing. (6) Evapor o) Heat pumps. Inte	ators sizing. (7 raction with he) Condensers sizing eat sources and sink	s. (8) Freezing. Ice s. (11) Absorption	
Language of Instruction						
Serbian (complete course)						
Serbian with English mentoring	□Serbi	an with other ment	oring			
Assessment Methods and Criteria						
Pre exam Duties	Points	Final Exam	Points			
Activity During Lectures	5	Written Examinat	ion 40			

Practical Teaching	5	Oral Examination	30			
Project work	20	Overall Sum	100			
*Final examination mark is formed in accordance with the Institutional documents						