

Annex No. 3		First cycle study program			
1.	Title of courses	Technology of Fixed Protheses - Bridges			
2.	Code	PDTMFB2			
3.	Study Program	Professional Dental Technicians			
4.	Organizer of the study program (unit, i.e. institute, department, division)	UKIM - Faculty of Dentistry – Skopje, Department of Dental Prosthetics			
5.	Degree (first, second, third cycle)	First Cycle			
6.	Academic year/semester	Year	2	semester	3
7.	Course load expressed in ECTS credits	8			
8.	Teacher (in case of multiple teachers, a responsible teacher is appointed)	Prof. Dr. Biljana Kapushevskaa and teachers from the Department of Dental Prosthetics			
9.	Course language	English			
10.	Necessary prerequisites for listening to and passing the course	Completed course of Technology of Fixed Protheses (Crowns) and Technology of Dental Materials 1, Credits earned from Tooth Morphology 1, Dental Apparatus and Instruments			
11.	Course objectives (competencies) and learning outcomes:	The student is equipped with basic knowledge of the fabrication of fixed protheses (bridges), including alternative types of bridges, then circular, extension bridges, metal-ceramic and metal-free ceramic systems.			
12.	Detailed content of the course by chapters and units with learning outcomes for each chapter	Chapter 1 - Therapy of defects in the dental rows with dental bridges .. 2 classes - Classification (division) of dental bridges 2 classes - Bridge body connections and method of connecting the connections to the bridge body 2 classes - Basic principles of dental bridge planning 2 classes - Obtaining a working model and modelling a bridge 2 classes - Technical fabrication of one-piece cast bridges veneered with composite masses 2 classes - Preparation for casting and casting of bridges 2 classes - Opening the cuvette and processing the metal structures ... 2 classes <i>Outcomes of the 1st chapter: Students will be introduced to the general terms of dental bridges, their classification, principles for planning dental bridges. Introduction to the technical fabrication, preparation for casting and casting of dental bridges.</i> Chapter 2 - Fabrication of dental bridges prepared for full veneering with composite materials 2 classes - Modeling a circular bridge 2 classes - Modeling of metal-ceramic bridges 3 classes - Construction of alternative bridges 2 classes - Wing bridges, extension bridges 2 classes - General characteristics, classification and production of metal-free ceramic systems 3 classes <i>Outcomes of the 2nd chapter: Introduction to the next phase of processing and polishing metal structures, fabrication of circular, wing and alternative bridges, as well as fabrication of metal-free and metal structures.</i>			

		Total: 30 classes <i>Exercises:</i> <i>Exercises of the 1st chapter 45 classes</i> <i>Exercises of the 2nd chapter 45 classes</i> Total 90 classes	
13.	Interrelationship of courses	Preclinical Fixed Prosthetics (crowns)	
14.	Detailed description of the teaching and working methods for the subject	Theoretical teaching, interactive teaching, practical teaching (exercises), seminar papers	
15.	Total available classes fund	240 classes	
16.	Forms of teaching activities	16.1.	Lectures - theoretical teaching, classes 30
		16.2.	Exercises (laboratory, classroom), seminars, teamwork: classes 90
		16.3.	Practice: classes
17.	Other forms of activities	17.1.	Project work: classes
		17.2.	Individual work: classes 20
		17.3.	Homework - tasks 100
18.	Signature requirements	Attendance at 60% of theoretical classes and completed exercises as planned in the program	
19.	Method of the evaluation		
	19.1.	Tests: points (2 tests X 20 points)	40
	19.2.	Seminar work/project, written and oral presentation: points	10
	19.3.	Final exam: points	50
20.	Evaluation criteria (points/grade)	up to 59 points	5 (five) (F)
		from 60 to 68 points	6 (six) (E)
		from 69 to 76 points	7 (seven) (D)
		from 77 to 84 points	8 (eight) (C)
		from 85 to 92 points	9 (nine) (B)
		from 93 to 100 points	10 (ten) (A)
21.	Method of monitoring the quality of teaching	Self-evaluation by students, control of assistants in carrying out practical teaching and assessment of the achieved success of students, as well as the pass rate of students who have passed the course	
22.	Literature		

	22.1.	Compulsory literature				
		Serial number	Author	Title	Publisher	Year
		1.	Biljana Kapushevskaja et al.	Technology of Fixed Prosthesis (bridges), second amended edition	MagnaScan Skopje, 2019	2019
		2.	Biljana Kapushevskaja et al.	Technology of Fixed Prosthesis (bridges)	MagnaScan Skopje, 2019	2013
		3.	Biljana Kapushevskaja et al.	Practicum Preclinical fixed prosthetics - on fixed prosthesis (bridges)	MagnaScan Skopje, 2019	2019
		4.	Biljana Kapushevskaja et al.	Practicum Preclinical fixed prosthetics 2 - on fixed prosthesis (bridges)	MagnaScan Skopje, 2019	2016
	22.2.	For further reading				
		Serial number	Author	Title	Publisher	Year
		1.	A. Damien Walmsley et al.	Restorative Dentistry	Ars Lamina LLC	2011
		2.	James B. Smith et al.	Fundamentals of Dental Restoration	Ars Lamina LLC	2011
		3.	Joey D. Da Silva, David A. Mitchell, Laura Mitchell, Paul Brunton	American Handbook of Restorative Dentistry	Ars Lamina LLC	2011

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Annex no. 3		First cycle study program			
1.	Title of courses	Technology of Removable Dentures - Complete Denture			
2.	Code	PDTMTD2			
3.	Study Program	Professional Dental Technicians			
4.	Organizer of the study program (unit, i.e. institute, department, division)	UKIM - Faculty of Dentistry – Skopje, Department of Dental Prosthetics			
5.	Degree (first, second, third cycle)	First Cycle			
6.	Academic year/semester	Year	2	semester	3
7.	Course load expressed in ECTS credits	8			
8.	Teacher (in case of multiple teachers, a responsible teacher is appointed)	Prof. Dr. Jadranka Bundevska and teachers from the Department of Dental Prosthetics			
9.	Course language	English			
10.	Necessary prerequisites for listening to and passing the	Attended and passed compulsory courses of First year			