

	22.1.	Compulsory literature				
		Serial number	Author	Title	Publisher	Year
		1.	Biljana Kapushevskaja et al.	Technology of Fixed Protheses (bridges), second amended edition	MagnaScan Skopje, 2019	2019
		2.	Biljana Kapushevskaja et al.	Technology of Fixed Protheses (bridges)	MagnaScan Skopje, 2019	2013
		3.	Biljana Kapushevskaja et al.	Practicum Preclinical fixed prosthetics - on fixed protheses (bridges)	MagnaScan Skopje, 2019	2019
		4.	Biljana Kapushevskaja et al.	Practicum Preclinical fixed prosthetics 2 - on fixed protheses (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

Serial number: 16

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			

	course	
11.	Course objectives (competencies) and learning outcomes:	The aim of the course program is for the student to gain knowledge about the technology of making complete dentures by mastering the theoretical foundations and practical techniques related to the rehabilitation of edentulous patients. The student will be able to independently make complete dentures, use articulators and repair complete and immediate dentures.
12.	Detailed content of the course by chapters and units with learning outcomes for each chapter	Chapter 1 - Complete Denture (TD) - definition, indications, contraindications; Changes in the masticatory organ in total edentulism; Bearings for upper and lower TP 2 classes - Base and retention of upper and lower TD 2 classes - Anatomical impressions for making a TD and obtaining a working model 2 classes - Making an individual spoon, types of individual spoons; Functional impressions; Definitive working model 2 classes - Making bite templates and determining intermaxillary relationships 2 classes - Articulators and their application in the manufacture of Complete Dentures; Types of articulators; Movements of the lower jaw 2 classes - Transferring the working models to the articulator 2 classes - Adjustment of the articular and incisal guides of the articulators; Static registers for semi-individual articulators; Dynamic registers for individual articulators 2 classes <i>Results of Chapter 2: Students will learn about the changes in the masticatory organ as a result of tooth loss, the fit of complete dentures, and gain knowledge of basic concepts of complete dentures, including their indications, contraindications, as well as clinical and laboratory procedures for imprinting and registration of intermaxillary relationships in total edentulism, and will gain comprehensive knowledge about the application of articulators.</i> Chapter 2 - Selection of artificial teeth and preparation for placement of artificial teeth 2 classes - Rules and theories for placing artificial teeth 3 classes - Preliminary determination of the position of anterior and posterior teeth 2 classes - Trial of the wax model of dentures in the patient's mouth; Definitive determination of the position of the teeth 2 classes - Final laboratory procedures in the manufacture of complete dentures 2

		classes - Repairs of complete dentures (repairs and rebasings) 3 classes - Fabrication of immediate dentures 2 classes <i>Outcomes of the 2nd chapter: Students will gain knowledge about the selection and placement of artificial teeth in a complete denture, theories of tooth placement, and final laboratory procedures in the production of complete dentures. The student will be able to independently perform all laboratory procedures in the production of complete dentures and various types of repairs to dentures, as well as procedures for the production of immediate dentures.</i> Total: 30 classes <i>Exercises:</i> - of the first chapter: 45 classes - of the second chapter: 45 classes Total: 120 classes		
13	Interrelationship of courses	With Anatomy and physiology of the masticatory system, Teeth Morphology 1 and 2		
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	120
		16.3.	Practice: classes	
17.	Other forms of activities	17.1.	Project work: classes	
		17.2.	Individual work: classes	
		17.3.	Homework - tasks	90
18	Signature requirements	Attendance at 60% of theoretical classes and completed exercises program		
19	Method of the evaluation			
	19.1.	Tests: points (2 tests X 15 points)	30	
	19.2.	Seminar work/project, written and oral presentation: points	10	
	19.3.	Final exam: points	60	
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.	E. Jankulovska	Total prosthesis – pre-clinic	Faculty of Dentistry, Skopje	2005
		2.				
		3.				
	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

Serial number: 17

Annex no. 3		First cycle study program			
1.	Title of courses	The Basics of Orthodontics			
2.	Code	PDTMBO2			
3.	Study Program	Professional Dental Technicians			
4.	Organizer of the study program (unit, i.e. institute, department, division)	UKIM - Faculty of Dentistry – Skopje, Orthodontics Department			
5.	Degree (first, second, third cycle)	First Cycle			
6.	Academic year/semester	Year	2	semester	3
7.	Course load expressed in ECTS credits	5			
8.	Teacher (in case of multiple teachers, a responsible teacher is appointed)	Prof. Dr. Irena Gavrilovikj and teachers from the Department of Orthodontics			
9.	Course language	English			
10.	Necessary prerequisites for listening to and passing the course	Attended all compulsory courses of First year			
11.	Course objectives (competencies) and learning outcomes:	The student should understand the normal growth and development of the stomatognathic system, become familiar with the etiological factors of malocclusions, types of malocclusions in the sagittal, transversal and vertical directions, irregularities of individual teeth and dental arches, as well as methods and procedures for their diagnosis. The student acquires knowledge of the production of studio models and the procedures and methods of occlusalization. The student is introduced to preventive and interceptive measures and acquires knowledge of the production of interceptive appliances for early orthodontic treatment of reverse bite in the front, treatment of bad habits and early treatment of progenic bite. The student is			