

		3.	Feradeani M.	Esthetic Rehabilitation in Fixed Prosthodontics Volume 1	Quintessence Publishing Deutschland	2004
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Serial number: 41

Annex no. 3		First cycle study program			
1.	Title of courses	Photography in the Dental Laboratory			
2.	Code	PDTEDF3			
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	3	semester	6
7.	Course load expressed in ECTS credits	3			
8.	Teacher (in case of multiple teachers, a responsible teacher is appointed)	Prof. Dr. Nadica Janeva and teachers from the Department of Dental Prosthetics and Department of Children and preventive dentistry			
9.	Course language	English			
10.	Necessary prerequisites for listening to and passing the course	None			
11.	Course objectives (competencies) and learning outcomes:	The student will be introduced to the basics of dental photography with a special aspect of the use and significance of photography in the dental laboratory. The student will acquire technical, practical and ethical skills, which will enable him to use dental photography to present his work and for better communication with the dentist.			
12.	Detailed content of the course by chapters and units with learning outcomes for each chapter	Theoretical teaching: Chapter 1 - Introduction to Dental Photography, Equipment and Technical Settings Introduction to Dental Photography 1 class History of dental photography 1 class Dental photography – specifics and significance (confidentiality and ethics in the use of dental photography) 1 class Dental photography equipment (digital camera, light source (flash), lip retractors, occlusal and facial mirrors, contrast agent) 1 class Digital camera settings 1 class Photographic location (ambient light, background, patient position) 1 class <i>Outcomes of the 1st chapter: The student will obtain knowledge about the basics of dental photography, including its history, specifics and ethical aspects of its use in dentistry; will obtain knowledge about the equipment, technical settings and optimal conditions for high-quality patient photography.</i> Chapter 2 - Types and applications of dental photographs Types of dental photographs 1 class Extraoral dental photographs (full face photograph, lip photograph, lateral photograph, color selection photograph) 1 class Photograph and analysis of a smile 1 class Photographing laboratory models 1 class Photographing diagnostic wax models and final prosthetic			

		restorations for documentation and communication with the dentist 1 class <i>Outcomes of Chapter 2: The student will learn about the different types of dental photographs and the techniques for photographing laboratory models and final fabrications, and the importance of photography in smile analysis.</i> Chapter 3 - Safety, procession and storage of dental photographs Control of Potential Infection in Dental Photography 1 class Storing dental photography 1 class Processing dental photography 1 class Using dental photography 1 class <i>Outcomes of Chapter 3: The student will learn how to safely photograph, process, store, and use dental photographs, respecting hygiene protocols and ethical standards.</i> Total: 15 classes <i>Exercises</i> <i>Exercises in the first chapter 2 classes</i> <i>Exercises in the second chapter 11 class</i> <i>Exercises in the thrid chapter 2 classes</i> Total 15 classes		
13	Interrelationship of courses	None		
14.	Detailed description of the teaching and working methods for the subject	Interactive teaching, practical work in small groups, presenting and demonstrating equipment that is used, teamwork		
15.	Total available classes fund	90 classes		
16.	Forms of teaching activities	16.1.	Lectures - theoretical teaching, classes	15
		16.2.	Exercises (laboratory, classroom), seminars, teamwork: classes	15
		16.3.	Practice: classes	
17.	Other forms of activities	17.1.	Project work: classes	
		17.2.	Individual work: classes	15
		17.3.	Homework - tasks	45
18	Signature requirements	Attendance to at least 60% of lectures; Completed program for laboratory exercises;		
19	Method of the evaluation			
	19.1.	Tests: points	20	
	19.2.	<u>Seminar work/project</u> , written and oral presentation: points	20	
	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.	Wolfgang Bengel	Mastering dental photography	Quintessence Publishing Co, Ltd. London	2006
		2.	Irfan Ahmad	Essentials of Dental Photography	Wiley Blackwell	2020
		3.	Course teachers	Authorized Lectures	Faculty of Dentistry - Skopje	2019
	22.2.	For further reading				
		Serial number	Author	Title	Publisher	Year
		1.				
		2.				
		3.				

Serial number: 42

Annex no. 3		First cycle study program			
1.	Title of courses	Orthodontic-Surgical Treatment of Craniofacial Deformities			
2.	Code	PDTECF3			
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 Orthodontics			
5.	Degree (first, second, third cycle)	First Cycle			
6.	Academic year/semester	Year	3	semester	6
7.	Course load expressed in ECTS credits	3			
8.	Teacher (in case of multiple teachers, a responsible teacher is appointed)	Prof. Dr. Biljana Dzipunova and teachers from the Department of Orthodontics			
9.	Course language	English			
10.	Necessary prerequisites for listening to and passing the course	Passed Basics of orthodontics and Orthodontic appliances 1, signature from Orthodontic appliances 2			
11.	Course objectives (competencies) and learning outcomes:	detailed introduction of students to the design, techniques and methods of manufacturing obturators and stimulators in children with clefts, splints for orthognathic surgery and acrylate splints for trauma in the orofacial region, orthodontic appliances over microimplants, orthodontic-surgical treatment of adults and therapy of sleep apnea and TMJ dysfunctions			
12.	Detailed content of the course by chapters and units with learning outcomes for each chapter	Theoretical teaching: Chapter 1 – etiology, occurrence and characteristics of cleft lip and palate, and possibilities for orthodontic-surgical treatment Cleft lip and palate – definition, etiology, mechanism of occurrence, classification, clinical picture, chronology of interdisciplinary therapy 2 classes Production of opturators and stimulators for cleft lip and palate 2 classes			