

1	Subject	CLINICAL FIXED PROSTHETIC DENTISTRY			
2	Code	DKF501			
3	Study Program	Study Program of Integrated studies in dental medicine			
4	Organizing Institution (Unit, Institute, Chair, Department)	UKIM - Faculty of Dentistry - Skopje Department of prosthetic dentistry			
5	Educational degree (first or second cycle)	Integrated study			
6	Study year/semester	5 / 9 and 10	7	Number of credits	9
8	Teacher	Prof. d-r Vesna Korunoska – Stevkovska Prof. d-r Gordana Kovacevska And other teachers from the Department of prosthetic dentistry			
9	Preconditions	Passed all compulsory courses of 5 and 6 semester. Signatures of 7 and 8 semester courses			
10	Teaching goals: The goals of this program is to enable students to independently make a diagnosis, plan of treatment and therapy for patients with indications for making fixed prosthetic structures.				
11	Brief content				
	Theoretical course				Class
	1. Introduction, diagnosis, plan of treatment for making fixed prosthetic structures				1
	2. Planning and evaluation of potential teeth for dental crowns				1
	3. Types of crowns and root posts, indications and contraindications				1
	4. Principles of tooth preparation, demarcation lines of preparation, tools for preparation				1
	5. Chemical protection on the teeth after preparation				1
	6. Clinical phases of work for whole metal and metal-ceramic crowns				1
	7. Clinical phases of work for full ceramic crowns and aesthetic veneers				1
	8. Clinical phases of work for individual or fabricate root canal post				1
	9. Preparation of the soft tissues and techniques for impression				1
	10. Temporary crowns				1
	11. Crowns over implants				1
	12. Crowns in complex prosthetic structures				1
	13. Testing the crowns in the patient's mouth				1
	14. Types of cements, temporary and / or permanent cementation of crowns				1
	15. First colloquium				1
	16. Definition, parts of the bridge, indications and contraindications for manufacturing dental bridges, conditions for manufacturing the bridges				1
	17. Evaluation of the abutment teeth				1
	18. Static of dental bridges				1
	19. Bridge planning				1
	20. Preparation of abutment teeth, impression techniques for bridges				1
	21. Temporary bridges				1
	22. Single and multiple bridge structures, long space bridges, semicircular bridges, distally				1

	extending bridges		
	23. Implant supported bridges		1
	24. Choice, indications and materials for the construction of bridges, types and shapes for pontics		1
	25. Prosthetic rehabilitation with fixed and combined constructions		1
	26. Removable Bridges, Inlay Bridges, Maryland Bridges		1
	27. Metal-ceramic bridges, full - ceramic bridges		1
	28. Testing and cementing bridges, cementing combined constructions		1
	29. Repairing of veneers, complications during prosthetic treatment with dental bridges, durability of dental bridges		1
	30. Second colloquium		1
	Total		30
	Practical lessons:		Class
	Practical teaching will be conducted in accordance with theoretical methodological units and will contain all clinical phases of work on fixed prosthetic structures.		105
	Total		105
12	Methods of studying: class room oriented lectures, interactive lectures, group work, practical training, seminar paper		
13	Total available time	270 classes	
14	Organization of the course	30 classes - theoretical course, 105 classes- practical course, 135 classes - home individual learning and other activities	
15	Forms of teaching activities	15.1.	Theoretical course 30 classes
		15.2.	Practical course, seminars Practical course - 105 classes
16	Other forms of activities	16.1.	Project tasks
		16.2.	Individual tasks
		16.3.	Individual (home) learning 135 classes
17	Method of assessment	17.1.	Tests 30 points
		17.2.	Active participation, seminar paper/project (oral/written presentation) 10 points
		17.3.	Final (oral) exam 60 points
18	Grading criteria (points / grade)	Up to 59 points 5 (five) (F)	
		from 60 to 67 points 6 (six) (E)	
		from 68 to 75 points 7 (seven) (D)	
		from 76 to 84 points 8 (eight) (C)	
		from 85 to 93 points 9 (nine) (B)	
		from 94 to 100 points 10 (ten) (A)	
19	Requirement for signature and taking the final exam	The student is required to actively follow all of the planned activities. Conditional criteria for assessment of knowledge: In order to get a signature, the student should obtain minimum points in both theoretical and practical courses, and to present seminar paper;	

		In order to take the final exam, the student should obtain the minimum points from activity and test; If the student has not obtained the minimum points in the continual assessments, he/she in next exam session will have paper part of the exam (40 points) and final exam (60 points)				
20	Language of the course	English				
21	Method for evaluation of the quality of education	Anonymous student's evaluation of the subject, teachers and collaborators involved in the educational activities				
22	Literature					
	22.1.	Mandatory textbooks				
		No.	Author	Title	Publisher	Year
		1	Мирчев Е.	Клиника на фиксната стоматолошка протетика	Студентски збор, Скопје	1996
		2	Бајевска Ј.	Стоматолошка керамика	Стоматолошки факултет, Скопје	2014
		3	Мирчев Е.	Стоматолошка технологија, неметали и метали и материјали за полнење	Просветно дело, Скопје	1993
	22.2.	Additional literature				
		No.	Author	Title	Publisher	Year
		1	Shillingburg H.T. et al.	Fundamentals of Fixed Prosthodontics	Quintessence Publishing Co. Chicago	1997
		2	Rosenstiel SF, LandMF, Fujimoto J.	Contemporary fixed prosthodontics 4 th edition	St. Louis: Mosby Inc	2006