

COURSE DESCRIPTION FORM			
Course Code and Name	DHF3092 Jaw Movements and Occlusion		
Course Semester	6		
Catalogue Data of the Course (Course Content)	Functional anatomy of the chewing system and its constituent structures, learning movements, occlusion types and criteria.		
Course Textbooks	Okeson JP. Management of temporomandibular disorders and occlusion, 6th ed., Mosby, Elsevier, 2008. Çalikkocaoğlu S., Dişsiz hastaların protetik tedavisi, Quintessence, 2010.		
Supplementary Textbooks	Özkan Y. K.. Tam protezler ve implantüstü hareketli protezler, Vestiyer yayıncılık, 2012		
Credit (ECTS)	1		
Prerequisites for the Course (Attendance Requirements)	1) It is obligatory to attend 70% theoretical course. 2) DHF200-Prosthetic Dentistry, FZY 200- Physiology II, ANA 200- It is obligatory to pass Anatomy II courses successfully.		
Course Type	Vocational / Technical Compulsory Course		
Language of Instruction	Turkish		
Course Objectives	Chewing system functional anatomy, jaw movements and occlusion criteria and occlusion types are taught.		
Course Learning Outcomes	1.Knows the functional anatomy and occlusion types of the chewing system. 2. Mandible movement mechanics and optimal functional occlusion knows the criteria. 3. The forces acting on the teeth and the main functions of the chewing system. knows. 4. Knows the determinants of occlusal morphology and types of occlusal relationship.		
Instruction Method (Face-to-face, Distance education etc.)	This course is carried out in the form of face-to-face theoretical training.		
Weekly Schedule of the Course	Week 1: Functional anatomy of the chewing system I Week 2: Functional anatomy of the chewing system II Week 3: Functional anatomy of the chewing system III Week 4: Types of occlusion; normal and ideal occlusion Week 5: Movement mechanics of the mandible I Week 6: Movement mechanics of the mandible II Week 7: Optimum functional for the temporomandibular joint occlusion criteria Week 8: Optimum functional occlusion criteria for teeth Week 9: Forces acting on teeth Week 10: Main functions of the chewing system Week 11: Vertical determinants of occlusal morphology Week 12: Horizontal determinants of occlusal morphology 13. Week: Functional occlusal relationship between tubercle margin and ridge morphology Week 14: Functional occlusal morphology in tubercle-fossa relationship.		
Teaching Activities (The time spent for the activities listed here will determine the amount of credit required)	Weekly theoretical course hours 14 weeks/1 hour Reading Activities 5 Weeks/1 hour Internet browsing, library work 5 weeks/1 hour Midterm and midterm exam preparation 2 weeks/1 hour Final exam and preparation for the final exam 1 Week/1 hour		
Assessment Criteria		Number(s)	Weight (%)
	Midterm exam	1	48
	Assignment		
	Application		

	Project						
	Practice						
	Quiz		12				
	Final exam		40				
	Total		100				
Workload of the Course	Activity	Number of Weeks	Duration (Weekly Hour)	End of Semester Total Workload			
	Weekly theoretical course hours	14	1	14			
	Weekly practical course hours						
	Reading activities	5	1	5			
	Internet search and library work	5	1	5			
	Designing and implementing materials						
	Making a report						
	Preparing and making presentations						
	Midterm and revision for midterm	2	1	2			
	Final exam and revision for final exam	1	1	1			
	Total workload			27			
	Total workload/ 25			1,08			
	Course Credit (ECTS)			1			
Contribution Level between Course Outcomes and Program Outcomes	No	Program Outcomes	1	2	3	4	5
	1	He/She knows the normal structure and functions of the human body and specifically the structures and teeth in the oral region on the basis of cells, tissues, organs and systems, and their interactions with each other.				x	
	2	He/She defines the causes and formation mechanisms of oral, dental and maxillofacial diseases, the symptoms, structure and function disorders and how they affect the organism.				x	
	3	He/She knows, comprehends, associates and evaluates the symptoms and signs, diseases and conditions and professional practices at the level determined in the national core education programme of dentistry and Gazi University Faculty of Dentistry Extended Education Programme.				x	
	4	He/She knows how to access the best current scientific evidence, evaluate its reliability and validity in line with personal learning needs.				x	
	5	He/She knows the legislation on professional legal responsibilities, deontology and ethical principles.			x		
	6	He/She knows and performs professional practices at the level determined in the national core education programme of dentistry and Gazi University Faculty of Dentistry Extended Education Programme.				x	
	7	He/She carries out diagnosis, treatment and follow-up processes by prioritising				x	

		evidence-based practice, critical thinking and ethical principles.						
	8	He/She is aware of his/her limitations, sets personal learning goals to support his/her professional development, refers the patient to the appropriate centre when necessary.					x	
	9	He/She knows the incidence of diseases of the mouth, teeth and jaws in the community and contributes to prevention and reduction.					x	
	10	He/She behaves in accordance with the laws, regulations, legislation and ethical principles related to his/her duties and responsibilities while practising his/her profession independently.				x		
	11	He/She has teamwork and leadership skills, is a role model to colleagues and society it happens.					x	
	12	He/She plans his/her personal professional development and realises it with the principle of lifelong learning.					x	
	13	He/She establishes effective written and oral communication with patients, relatives, other health personnel, society, related sectors and media.				x		
	14	He/She will be able to use foreign language and information communication technologies follows innovations in the profession.				x		
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