

COURSE DESCRIPTION FORM	
Course Code and Name	DHF-440 Oral, Dental and Maxillofacial Surgery
Course Semester	7-8
Catalogue Data of the Course (Course Content)	Learning the clinical working principles for Oral, Dental and Maxillofacial Surgery applications and patient examination, diagnosis and acquisition of clinical applications of treatments
Course Textbooks	Medical Emergencies İn The Dental Office, Malamed SF. Oral Surgery- Fragiskos F. Alpaslan C. Ağız, Diş ve Çene Cerrahisi: Kanıta dayalı tanı ve tedavi yöntemleri, Quintessence, 2018.
Supplementary Textbooks	Ellis E, Hupp Jr. Contemporary Oral and Maxillofacial Surgery, 2018
Credit (ECTS)	6
Prerequisites for the Course (Attendance Requirements)	To have passed DHF340 Oral, Dental and Maxillofacial Surgery, DHF3130 Dental Anaesthesia courses and to have documented dental anaesthesia practice during the 3rd year observer student period. The practical exam of the course is the threshold for the final exam. Students who fail to complete the threshold cannot take the final exam. The final exam of the course consists of two stages. Success In order for the grade to be formed, the student must enter both stages.
Course Type	Vocational / Technical Compulsory Course
Language of Instruction	Turkish
Course Objectives	To learn the principles of clinical work before the surgical clinic practical applications. To learn patient examination and minor surgical interventions. Understanding the effect of systemic diseases on surgical applications and epicrisis, consultation, report preparation To have knowledge about sterilisation, disinfection and infection control.
Course Learning Outcomes	1- He/She knows the causes, spread patterns and treatment principles of odontogenic infection. 2- He/She can use biopsy methods for diagnostic purposes. 3- He/She recognises cystic lesions in the mouth and knows the treatment methods. 4- He/She knows how to prepare patients for prosthetic treatment using preprosthetic methods. 5- He/She has knowledge about graft applications. 6-He/She can perform physical therapy, electrosurgery, laser and cryosurgery applications in the correct indications. 7- He/She learns to perform IV and IM injection applications. 8- He/She knows maxillary sinus anatomy, diseases and treatment methods.
Instruction Method (Face-to-face, Distance education etc.)	In person
Weekly Schedule of the Course	Week 1: Definition of epithelial and non-epithelial cysts, characteristics of odontogenic keratocyst and gingival cyst, differential diagnosis and surgical treatment, case discussion Week 2: Characteristics, differential diagnosis and surgical treatment of lateral periodontal, Botyroid, siaodontogenic, dentigerous and eruption cysts Week 3: Characteristics, differential diagnosis and surgical treatment of nasopalatine, nasolabial, radicular and paradental cysts, case discussion Week 4: Characteristics, differential diagnosis and surgical treatment of epithelioid cysts and soft tissue cysts, case discussion Week 5: Definition of osteomyelitis of the jaw, classification, etiology, upper and lower jaw, differences in acute chronic suppurative osteomyelitis, treatment approaches and complications, Chronic diffuse sclerosing osteomyelitis, characteristics and treatment approach of Garre and chronic specific osteomyelitis Week 6: Chronic-diffuse sclerosing osteomyelitis, characteristics and treatment approach of Garre and chronic specific osteomyelitis

	<p>Week 7: Definition of apical resection (apicoectomy), indication, surgical technique and patient follow-up</p> <p>Week 8: The place of physical therapy methods in oral and maxillofacial surgery</p> <p>Week 9: Usage areas, technique and complications of electrosurgery</p> <p>Week 10: Definition of transplantation and reimplantation terms, technique</p> <p>Week 11: Anterior tooth traumas and treatments in developmental age</p> <p>Week 12: Pathological examination methods, biopsy methods and application techniques</p> <p>Week 13: IV and IM injection techniques</p> <p>Week 14: Usage areas, technique and complications of cryosurgery and laser surgery</p> <p>Week 15: Uses, technique and complications of cryosurgery and laser surgery</p> <p>Week 16: Functional anatomy of the maxillary sinus and diagnostic methods in sinus diseases</p> <p>Week 17: Classification of maxillary sinus diseases, clinical and radiological findings and treatment</p> <p>Week 18: Surgical closure methods of oroantral openings</p> <p>Week 19: Occurrence of odontogenic infection, local and systemic findings</p> <p>Week 20: Definition and characteristics of periapical and pericoronal infection, spread of infection to anatomical spaces</p> <p>Week 21: General principles of treatment of odontogenic infection, surgical and supportive treatment</p> <p>Week 22: Definition of preprosthetic surgery and operation techniques in bone tissue</p> <p>Week 23: Operative techniques in bone tissue</p> <p>Week 24: Operative techniques applied in soft tissue</p> <p>Week 25: Sulcoplasties</p> <p>Week 26: Sulcoplasties</p> <p>Week 27: Operations with grafts and alloplastic materials</p> <p>Week 28: Ogmentation and osteotomy methods</p>																											
	<p>Compulsory Clinical Practices: (Dental extraction threshold is 25±5.) Filling the threshold completely is a prerequisite. Students who cannot successfully complete the clinical applications cannot take the final exam.</p>																											
<p>Teaching Activities (The time spent for the activities listed here will determine the amount of credit required)</p>	<p>Weekly theoretical course hours: 2 hours/week /(28 weeks)</p> <p>Weekly practical course hours:20 hours/week (5 weeks)</p> <p>Reading activities:</p> <p>Internet search and library work:</p> <p>Designing and implementing materials:</p> <p>Making a report:</p> <p>Preparing and making presentations:</p> <p>Midterm and revision for midterm:2 hours/week (2 weeks)</p> <p>Final exam and revision for final exam:2 hours/week (1 week)</p> <p>Compulsory Clinical Practices: (Dental extraction threshold is 25±5.) Filling the threshold completely is a prerequisite. Students who cannot successfully complete the clinical applications cannot take the final exam.</p>																											
<p>Assessment Criteria</p>	<table border="1"> <thead> <tr> <th></th> <th>Number(s)</th> <th>Weight (%)</th> </tr> </thead> <tbody> <tr> <td>Midterm exam</td> <td>2</td> <td>42</td> </tr> <tr> <td>Assignment</td> <td></td> <td></td> </tr> <tr> <td>Application</td> <td></td> <td></td> </tr> <tr> <td>Project</td> <td></td> <td></td> </tr> <tr> <td>Practice</td> <td>1</td> <td>18</td> </tr> <tr> <td>Quiz</td> <td></td> <td></td> </tr> <tr> <td>Final exam</td> <td>1</td> <td>40</td> </tr> <tr> <td>Total</td> <td></td> <td>100</td> </tr> </tbody> </table>		Number(s)	Weight (%)	Midterm exam	2	42	Assignment			Application			Project			Practice	1	18	Quiz			Final exam	1	40	Total		100
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Workload of the Course	Activity	Number of Weeks	Duration (Weekly Hour)	End of Semester Total Workload
	Weekly theoretical course hours	28	2	52
	Weekly practical course hours	5	20	100
	Reading activities			
	Internet search and library work			
	Designing and implementing materials			
	Making a report			
	Preparing and making presentations			
	Midterm and revision for midterm	2	2	4
	Final exam and revision for final exam	1	2	2
	Total workload			
	Total workload/ 25			
Course Credit (ECTS)				

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 evidence-based practice, critical thinking and ethical principles.					X
	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
Lecturer(s) and Contact Information	<p>Lecturer's First/Last Name: Prof. Dr. Sedat Çetiner, Prof. Dr. İnci Karaca, Prof. Dr. Gökhan Alpaslan</p> <p>E-mail address: scetiner@gazi.edu.tr, incirana@gazi.edu.tr, alpaslan@gazi.edu.tr</p>						