

<b>COURSE DESCRIPTION FORM</b>	
<b>Course Code and Name</b>	<b>DHF 430 Oral Diagnosis and Radiology</b>
<b>Course Semester</b>	7-8
<b>Catalogue Data of the Course (Course Content)</b>	Clinical and radiographic diagnosis of oral and maxillofacial pathologies and treatment plan
<b>Course Textbooks</b>	-White SC, Pharoah MJ. Oral Radiology. Principles and Interpretation. Mosby Elsevier, St. Louis, Missouri, 2014.
<b>Supplementary Textbooks</b>	-Harorlı A, Akgül H M, Dağistan S. Diş Hekimliği Radyolojisi. Atatürk Üniversitesi Yayınları. Erzurum, 2006. -Oral And Maxillofacial Pathology, B. W. Neville, D.D. Damm, C. M. Allen, J.E. Bouquet, W.B. Saunders Company, 1995.
<b>Credit (ECTS)</b>	5
<b>Prerequisites for the Course (Attendance Requirements)</b>	The prerequisite for this course is to be successful in DHF 380 Basic Pathology, DHF 330 Oral Diagnosis and Radiology, DHF 340 Oral and Maxillofacial Surgery. Attendance at the course and clinical practice (internship) is compulsory. The practical applications of the course are the threshold for taking the final exam. Students who do not complete their practical applications cannot take the final exam.
<b>Course Type</b>	Vocational / Technical Compulsory Course
<b>Language of Instruction</b>	Turkish
<b>Course Objectives</b>	Learning about pathologies of the oral and maxillofacial region. Making treatment plans of patients.
<b>Course Learning Outcomes</b>	1. Knows panoramic, cephalometric, and hand-wrist radiographic techniques and applies panoramic technique. 2. Knows advanced imaging techniques 3. Knows and diagnoses pathologies localized in the jaw bones 4 Interpret radiographic images of TME 5. Knows and diagnoses paranasal sinus pathologies and soft tissue calcifications 6. Knows and diagnoses oral soft tissue pathologies 7. Knows and diagnoses traumatic injuries 8. Knows salivary gland diseases
<b>Instruction Method (Face-to-face, Distance education etc.)</b>	This course is conducted only in the form of face-to-face.
<b>Weekly Schedule of the Course</b>	Week 1: Use of panoramic radiography device Week 2: Use of Cephalometric and hand-wrist X-ray Week 3: Scintigraphy CBCT MRI CT Ultrasound Week 4: Odontogenic and non-odontogenic cysts Week 5: Odontogenic and non-odontogenic cysts Week 6: Benign tumors of the oral cavity Week 7: Benign tumors of the oral cavity Week 8: Benign tumors of the oral cavity Week 9: Benign tumors of the oral cavity Week 10: Bone dysplasias and reactive lesions Week 11: Bone dysplasias and reactive lesions Week 12: Evaluation of TMJ radiographs Week 13: Geographical tongue, macroglossia, hairy tongue, papilla atrophy, burning to the tongue, macrochelli chellitis Week 14: Osteopetrosis, osteoporosis Week 15: Osteogenesis imperfecta, Hyperparathyroidism, Vitamin and mineral deficiencies Week 16: Maxillary sinusitis, maxillary sinus tumors Week 17: Soft tissue calcifications Week 18: Intraoral white lesions

	<p>Week 19: Intraoral cancers  Week 20: Intraoral cancers  Week 21: Microsoft® Translator  Pigmented lesions of the oral mucosa  Week 22: Bullous benign pemphigoid, allergic and immunological diseases  Week 23: Bullous benign pemphigoid, allergic and immunological diseases  Week 24: Soft tissue injuries  Week 25: Aphthous stomatitis, aphthous ulcer  Week 26: Papilloma, verruca vulgaris  Week 27: Salivary gland diseases  Week 28: Maxilla fracture, mandible fracture, alveolar fracture, zygoma fracture</p> <p><b>5 weeks, 100 hours internship application</b>  Detailed systemic and dental anamnesis from patients  Determination and evaluation of patients' vital signs  Performing extraoral and intraoral examinations  Setting the necessary radiographic indications  Evaluation of intraoral, periapical, occlusal, and bitewing radiography and findings  Requesting medical consultation and laboratory tests when necessary  Prescribing if necessary  Diagnosis and treatment planning and orientation of the patient</p> <p><b>Internship Dam</b>  Evaluation of 7 patients in detail with all clinical and radiographic examinations during the internship period  Preparation and presentation of 1 case  Completion of radiology dam (4 bitewing, 2 occlusal, 2 full-mouth periapical radiographs in 2 patients)</p>																																																							
<p><b>Teaching Activities</b>  <i>(The time spent for the activities listed here will determine the amount of credit required)</i></p>	<p>Weekly theoretical course hours  Weekly practical course hours  Presentation preparation  Presentation  Midterm and revision for midterm  Final exam and revision for final exam</p>		<p>1 hour / 28 weeks  20 hours / 5 weeks  2 hours / 1 week  1 hour / 1 week  1 hour / 2 weeks  2 hours / 2weeks</p>																																																					
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<b>Contribution Level between Course Outcomes and Program Outcomes</b>	No	Program Outcomes	1	2	3	4	5
	1	Knows the normal structure and functions of the human body and specifically the structures and teeth in the mouth area on the basis of cells, tissues, organs and systems, and their interactions with each other.					X
	2	Defines the causes and formation mechanisms of oral, dental and jaw diseases, the findings they cause, structure and function disorders and how they affect the organism.					X
	3	Knows, comprehends, relates and evaluates the symptoms and findings, diseases and conditions and professional practices in the national core education program of dentistry and Gazi University Faculty of Dentistry Extended Education Program at a determined level.					X
	4	Knows how to reach the best current scientific evidence, evaluate its reliability and validity in line with personal learning needs.				X	
	5	Knows the legislation on professional legal responsibilities, deontology and ethical principles.				X	
	6	Knows and makes professional practices in the national core education program of Dentistry and Gazi University Faculty of Dentistry Extended Education Program at a determined level.					X
	7	It carries out diagnosis, treatment and follow-up processes by prioritizing evidence-based practice, critical thinking and ethical principles.					X
	8	She/he is aware of her limitations, sets personal learning goals to support her/his professional development, and directs the patient to the appropriate center when necessary.					X
	9	Knows the incidence of diseases in the mouth, teeth and jaws in society, contributes to the prevention and reduction.				X	
	10	While practicing her/his profession independently, she/he acts in accordance with the laws, regulations, legislation and ethical principles related to her duties and responsibilities.				X	
	11	Has teamwork and leadership skills, becomes a role model to colleagues and society.			X		
	12	She/he plans her/his personal professional development and realizes it with the principle of lifelong learning.			X		
	13	Establishes effective written and verbal communication with the patient, patient relatives, other health personnel, society, relevant sectors and the media.				X	
14	Follows the innovations in her/his profession by using foreign language and information communication technologies.			X			

**Lecturer(s) and Contact  
Information**

Lecturer's First/Last Name:  
**1. Prof. Dr. Cemile Özlem Üçok**  
**2. Prof. Dr. Kahraman Güngör**  
**3. Prof. Dr. Meryem Toraman**  
**4. Prof. Dr. İlkay Peker**  
**5. Prof. Dr. Zühre Akarşlan**  
**6. Assoc. Prof. Gülsün Akay**

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