



REPUPLIC OF TURKEY
ISTANBUL OKAN UNIVERSITY
FACULTY OF DENTISTRY
2025-2026 ACADEMIC YEAR



FAKÜLTE : **ISTANBUL OKAN UNIVERSITY**
DERS KODU ve ADI : **FACULTY OF DENTISTRY**
SORUMLU ÖĞRETİM ÜYESİ : **DENT221 PHYSIOLOGY (THEORETICAL)**
SINIF : **Prof. Dr. Güldal İNAL GÜLTEKİN**
YARIYIL / YIL : **2nd CLASS**
DERS GÜNÜ : **FALL - SPRING SEMESTERS (3rd-4th SEMESTERS)**
DERS SAATİ : **WEDNESDAY**
DERS SAATİ : **11:00-12:50**

WEEKS	DATES	DENT221 PHYSIOLOGY THEORETICAL COURSE TITLES	LECTURER
WEEK 1	01.10.2025	Introduction to Physiology and Homeostasis	Prof. Dr. Haluk KELEŞTİMUR
WEEK 2	08.10.2025	Cell Cell and Membrane Physiology	Dr. Öğr. Üyesi. İlker ÇOBAN
WEEK 3	15.10.2025	Body Fluids	Dr. Öğr. Üyesi. İlker ÇOBAN
WEEK 4	22.10.2025	Substance Transport Through the Cell Membrane	Dr. Öğr. Üyesi. İlker ÇOBAN
WEEK 5	29.10.2025	Public Holiday	
WEEK 6	5.11.2025	Bioelectric Potentials and Action Potential and Axoplasmic Transport	Prof. Dr. Haluk KELEŞTİMUR



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WEEK 7	12.11.2025	Degeneration and Regeneration in Peripheral Nerves	Prof. Dr. Haluk KELEŞTİMUR
WEEK 8	19.11.2025	Sensory Physiology and Pain Physiology and Treatment	Prof. Dr. Haluk KELEŞTİMUR
WEEK 9	26.11.2025	General Organization and Motor Functions of the Central Nervous System	Prof. Dr. Haluk KELEŞTİMUR
WEEK 10	3.12.2025	Motor Functions and Higher Functions of the Cerebral Cortex	Prof. Dr. Haluk KELEŞTİMUR
WEEK 11	10.12.2025	Skeletal Muscle	Dr. Öğr. Üyesi. İlker ÇOBAN
WEEK 12	17.12.2025	Smooth Muscle, and Cardiac Muscle Physiology	Prof. Dr. Güldal İNAL GÜLTEKİN
WEEK 13	24.12.2025	Concepts of Lower and Upper Motor Neuron and Cranial Nerve	Prof. Dr. Haluk KELEŞTİMUR
WEEK 14	31.12.2025	Autonomic and Somatic Nervous System Differences	Prof. Dr. Güldal İNAL GÜLTEKİN
WEEK 15	07.01.2026	Autonomic and Somatic Nervous System Differences	Prof. Dr. Güldal İNAL GÜLTEKİN
	12-23.01.2026	1st MID-TERM EXAM WEEKS	
WEEK 1	11.02.2026	Special Senses	Dr. Öğr. Üyesi. İlker ÇOBAN
WEEK 2	18.02.2026	Blood physiology – Red blood cells- White blood cells	Prof. Dr. Güldal İNAL GÜLTEKİN
WEEK 3	25.02.2026	Blood physiology – Bleeding and coagulation	Prof. Dr. Güldal İNAL GÜLTEKİN
WEEK 4	4.03.2026	Cardiovascular Physiology-1	Prof. Dr. Haluk KELEŞTİMUR
WEEK 5	11.03.2026	Cardiovascular Physiology-2	Prof. Dr. Haluk KELEŞTİMUR



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WEEK 6	18.03.2026	Respiratory System Physiology	Dr. Öğr. Üyesi. İlker ÇOBAN
WEEK 7	25.03.2026	Respiratory System Physiology	Dr. Öğr. Üyesi. İlker ÇOBAN
WEEK 8	1.04.2026	2nd MID-TERM EXAM WEEKS Public Holiday (Ramadan Feast 29 Mar-2 April)	
WEEK 9	8.04.2026		
WEEK 10	15.04.2026	Gastrointestinal System Physiology-1	Prof. Dr. Haluk KELEŞTİMUR
WEEK 11	22.04.2026	Gastrointestinal System Physiology-2	Prof. Dr. Haluk KELEŞTİMUR
WEEK 12	29.04.2026	Urinary System Physiology-1	Prof. Dr. Güldal İNAL GÜLTEKİN
WEEK 13	06.05.2026	Urinary System Physiology-1	Prof. Dr. Güldal İNAL GÜLTEKİN
WEEK 14	13.05.2026	Endocrine System Physiology-1	Prof. Dr. Haluk KELEŞTİMUR
WEEK 15	20.05.2025	Endocrine System Physiology-2	Prof. Dr. Haluk KELEŞTİMUR
	1-12.06.2026	FINAL EXAM WEEKS	
	3.07.2026	MAKE-UP EXAM WEEK	