REPUPLIC OF TURKEY
ISTANBUL OKAN UNIVERSITY
FACULTY OF DENTISTRY
2026-2027 ACADEMIC YEAR

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

WEEKS	DATES	DENT221 PHYSIOLOGY THEORETICAL COURSE TITLES	LECTURER
WEEK 1	23.09.2026	Introduction to Physiology and Homeostasis	Prof. Dr. Haluk KELEŞTİMUR
WEEK 2	30.09.2026	Cell Cell and Membrane Physiology	Dr. Öğr. Üyesi. İlker ÇOBAN
WEEK 3	07.10.2026	Body Fluids	Dr. Öğr. Üyesi. İlker ÇOBAN
WEEK 4	14.10.2026	Substance Transport Through the Cell Membrane	Dr. Öğr. Üyesi. İlker ÇOBAN
WEEK 5	21.10.2026	Bioelectric Potentials and Action Potential and Axoplasmic Transport	
WEEK 6	28-29.10.2026	Republic Day – Public Holiday	Prof. Dr. Haluk KELEŞTİMUR

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WEEK 7	04.11.2026	Degeneration and Regeneration in Peripheral Nerves	Prof. Dr. Haluk KELEŞTİMUR
WEEK 8	11.11.2026	Sensory Physiology and Pain Physiology and Treatment	Prof. Dr. Haluk KELEŞTİMUR
WEEK 9	18.11.2026	General Organization and Motor Functions of the Central Nervous System	Prof. Dr. Haluk KELEŞTİMUR
WEEK 10	25.11.2026	Motor Functions and Higher Functions of the Cerebral Cortex	Prof. Dr. Haluk KELEŞTİMUR
WEEK 11	02.12.2026	Skeletal Muscle	Dr. Öğr. Üyesi. İlker ÇOBAN
WEEK 12	09.12.2026	Smooth Muscle, and Cardiac Muscle Physiology	Prof. Dr. Güldal İNAL GÜLTEKİN
WEEK 13	16.12.2026	Concepts of Lower and Upper Motor Neuron and Cranial Nerve	Prof. Dr. Haluk KELEŞTİMUR
WEEK 14	23.12.2026	Autonomic and Somatic Nervous System Differences	Prof. Dr. Güldal İNAL GÜLTEKİN
WEEK 15	28.12.2026/08.01.2027	**1st MID-TERM EXAM WEEKS**	
WEEK 1	03.02.2027	Special Senses	Dr. Öğr. Üyesi. İlker ÇOBAN
WEEK 2	10.02.2027	Blood physiology – Red blood cells- White blood cells	Prof. Dr. Güldal İNAL GÜLTEKİN
WEEK 3	17.02.2027	Blood physiology – Bleeding and coagulation	Prof. Dr. Güldal İNAL GÜLTEKİN
WEEK 4	24.02.2027	Cardiovascular Physiology-1	Prof. Dr. Haluk KELEŞTİMUR
WEEK 5	03.03.2027	Cardiovascular Physiology-2	Prof. Dr. Haluk KELEŞTİMUR
WEEK 6	08-11.03.2027	Public Holiday	

WEEK 7	17.03.2027	Respiratory System Physiology	Dr. Öğr. Üyesi. İlker ÇOBAN
WEEK 8	22.03.2027/02.04.2027	**2nd MID-TERM EXAM WEEKS**	
WEEK 9			
WEEK 10	07.04.2027	Gastrointestinal System Physiology-1	Prof. Dr. Haluk KELEŞTİMUR
WEEK 11	14.04.2027	Gastrointestinal System Physiology-2	Prof. Dr. Haluk KELEŞTİMUR
WEEK 12	21.04.2027	Urinary System Physiology-1	Prof. Dr. Güldal İNAL GÜLTEKİN
WEEK 13	28.04.2027	Urinary System Physiology-1	Prof. Dr. Güldal İNAL GÜLTEKİN
WEEK 14	05.05.2027	Endocrine System Physiology-1	Prof. Dr. Haluk KELEŞTİMUR
WEEK 15	12.05.2027	Endocrine System Physiology-2	Prof. Dr. Haluk KELEŞTİMUR
	24.05.2027/04.06.2027	**FINAL EXAM WEEKS**	
	21.06/25.06.2027	**MAKE-UP EXAM WEEK**	