

**Vocational School of Health Services / Radiotherapy**

**2024 - 2025 Academic Year**

**BASIC ANATOMY**

**Syllabus**

<b>Course Description</b>					
<b>Name</b>	<b>Code</b>	<b>Semester</b>	<b>T+A Hour</b>	<b>Credit</b>	<b>ECTS</b>
BASIC ANATOMY	RAD1124200	Fall Semester	2+0	2	3
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	Turkish				
<b>Course Level</b>	Short Cycle (Associate's Degree)				
<b>Course Type</b>	Required				
<b>Course Coordinator</b>	Prof.Dr. Bayram Ufuk ŞAKUL				
<b>Name of Lecturer(s)</b>	Lect. Ekrem Musa ÖZDEMİR				
<b>Assistant(s)</b>					
<b>Aim</b>	To inform, to make practice about terminology of anatomy, general medical terms, systems and organization of human body.				
<b>Course Content</b>	This course contains; Introduction to Anatomy and terminology,Upper extremity bones, joints (name and movement), muscles, vessels and nerves,Upper extremity bones, joints (name and movement), muscles, vessels and nerves,Upper extremity bones, joints (name and movement), muscles, vessels and nerves,Lower extremity bones, joints (name and movement), muscles, vessels and nerves,Lower extremity bones, joints (name and movement), muscles, vessels and nerves,Lower extremity bones, joints (name and movement), muscles, vessels and nerves,Lower extremity bones, joints (name and movement), muscles, vessels and nerves,Columna vertebralis, thorax bone, muscle (Back muscles, abdominal muscles and thorax muscles),Cranium bone (superficial), Scalp and skin,Head and neck topographic anatomy (Head and neck muscles and neck triangles), Head and neck arteries, a. carotid externa,Aorta and its parts, branches of the arcus aorta completely, branches of the descending aorta by name, distinguishing aortic aneurysms, measuring blood pressure and pulse,Cardiovascular system (Angina, MI, projection),Cardiovascular system (Angina, MI, projection),Cardiovascular system (Angina, MI, projection).				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
Defines the general concepts in anatomy, general and special terms of anatomy and anatomical positions.			16, 9	A	
Explains the systems of human body.			16, 9	A	
Explain the upper extremity bones.			16, 9	A	
Explain the upper extremity joints.			16, 9	A	
Explains the muscles of the shoulder and arm region.			16, 9	A	
Explains the forearm, hand muscles.			16, 9	A	
The plexus brachialis describes the vessels of the upper extremity.			16, 19	A	
Explain the bones of the lower extremities.			16, 9	A	
The gluteal describes the muscles of the thigh region.			16, 9	A	
Explain the thigh, leg and foot muscles.			16, 9	A	
Explains plexus lumbalis, sacralis, lower extremity veins.			16, 9	A	
<b>Teaching Methods</b>	16: Question - Answer Technique, 19: Brainstorming Technique, 9: Lecture Method				
<b>Assessment Methods</b>	A: Traditional Written Exam				
<b>Lecture Schedule</b>					
<b>Sequenc e</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	Introduction to Anatomy and terminology	İnsan Anatomisi Mehmet Yıldırım			
2	Upper extremity bones, joints (name and movement), muscles, vessels and nerves	İnsan Anatomisi Mehmet Yıldırım			
3	Upper extremity bones, joints (name and movement), muscles, vessels and nerves	İnsan Anatomisi Mehmet Yıldırım			
4	Upper extremity bones, joints (name and movement), muscles, vessels and nerves	İnsan Anatomisi Mehmet Yıldırım			
5	Lower extremity bones, joints (name and movement), muscles, vessels and nerves	İnsan Anatomisi Mehmet Yıldırım			
6	Lower extremity bones, joints (name and movement), muscles, vessels and nerves	İnsan Anatomisi Mehmet Yıldırım			
7	Lower extremity bones, joints (name and movement), muscles, vessels and nerves	İnsan Anatomisi Mehmet Yıldırım			
8	Columna vertebralis, thorax bone, muscle (Back muscles, abdominal muscles and thorax muscles)	İnsan Anatomisi Mehmet Yıldırım			
9	Cranium bone (superficial), Scalp and skin	İnsan Anatomisi Mehmet Yıldırım			
10	Head and neck topographic anatomy (Head and neck muscles and neck triangles), Head and neck arteries, a. carotid externa	İnsan Anatomisi Mehmet Yıldırım			
11	Aorta and its parts, branches of the arcus aorta completely, branches of the descending aorta by name, distinguishing aortic aneurysms, measuring blood pressure and pulse	İnsan Anatomisi Mehmet Yıldırım			
12	Cardiovascular system (Angina, MI, projection)	İnsan Anatomisi Mehmet Yıldırım			
13	Cardiovascular system (Angina, MI, projection)	İnsan Anatomisi Mehmet Yıldırım			
14	Cardiovascular system (Angina, MI, projection)	İnsan Anatomisi Mehmet Yıldırım			
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		40			
General Exam		60			

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**Resources**

- 1-Putz R, Pabst R. Sobotta atlas of human anatomy Volume 2 12th English Ed. Munich, Urban & Schwarzenberg 1994
- 2-Netter FH. Atlas of human anatomy (second edition). USA, Novartis, 1997.
- 3-Moore KL, Persaud TVN. The Developing Human (Clinically Oriented Embryology). Fifth ed. Philadelphia, WB Saunders Company, 1993
- 4-Yıldırım M. İnsan Anatomisi. Nobel kitabevi, İstanbul 2003.
- 5-Arıncı K, Elhan A. Anatomi I, II. Güneş kitabevi, Ankara, 2003.
- 6-Moore K, AF. Dalley: Clinically oriented anatomy. Fourth ed. Lippincot Williams &Wilkins Company, Philadelphia, 1999