

جامعة وارث الأنبياء / كلية الهندسة / قسم الطب الحيوي  
وصف المقرر الدراسي  
Course Description Form

1. Course Name:					
Neck & Nervous Anatomy					
2. Course Code:					
WBM-32-04					
3. Semester / Year:					
Semester					
4. Description Preparation Date:					
2024-03-19					
5. Available Attendance Forms:					
presence in the classroom					
6. Number of Credit Hours (Total) / Number of Units (Total)					
30 Hours / 2 Units					
7. Course administrator's name (mention all, if more than one name)					
Name: Natiq Aziz Omran Email: Natikaziz81@gmail.com					
8. Course Objectives					
<b>Course Objectives</b>		Neck, in land vertebrates, the portion of the body joining the head to the shoulders and chest. Some important structures contained in or passing through the neck include the seven cervical vertebrae and enclosed spinal cord, the jugular veins and carotid arteries, part of the esophagus, the larynx and vocal cords, and the sternocleidomastoid and hyoid muscles in front and the trapezius and other nuchal muscles behind. head, in human anatomy, the upper portion of the body, consisting of the skull with its coverings and contents, including the lower jaw. It is attached to the spinal column by way of the first cervical vertebra, the atlas, and connected with the trunk of the body by the muscles, blood vessels, and nerves that constitute the neck.			
9. Teaching and Learning Strategies					
<b>Strategy</b>		The objective of this course is to teach students generic anatomy so they can recognize different anatomical structures and their roles. At the conclusion of this course, the student should be able to identify the various human anatomical structures as Head and Neck, know how the blood and nerves nourish each one, and understand its function.			
10. Course Structure					
Week	Hours	Unit or subject name	Required Learning Outcomes	Learning method	Evaluation method
1+2	2	- Views of the Skull, Bones of the skull,	The student learns the types of bones that make up the skull, the front view of the face, External view of the skull, Lateral Inferior and Posterior Views of the Skull	Lectures presented in PDF format	Daily exams + homework assignments + monthly exams
3	2	The Scalp	- The student learns layers of the Scalp, Nerve Supply of The Scalp, Blood Supply of The Scalp	Lectures presented in PDF format	Daily exams + homework assignments + monthly exams
4	2	Infratemporal Fossa	The student learns the boundaries of the infratemporal fossa, Inferior part of the temporalis muscle. Lateral and medial pterygoid Muscles, Maxillary artery, Pterygoid venous plexus, Mandibular, inferior alveolar, lingual, buccal, and chorda tympani nerves and Otic ganglion.	Lectures presented in PDF format	Daily exams + homework assignments + monthly exams

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5	2	The Face	The student learns Skin of the Face, Bone of the face, the muscles of the face	Lectures presented in PDF format	Daily exams + homework assignments + monthly exams
6+7	2	-The Orbit, Eyeball	- The student learns The Orbital region Openings into the Orbital Cavity, <i>Blood Vessels of the Orbit, Branches of the Ophthalmic Artery, Eyelids Lacrimal and Apparatus Lacrimal Gland</i>	Lectures presented in PDF format	Daily exams + homework assignments + monthly
8+9+10	2	Neck description Blood Supply of Head and Neck1 Blood Supply of Head and Neck2	The student learns how the neck and head are supplied with blood by arteries	Lectures presented in PDF format	Daily exams + homework assignments + monthly
11+12	2	The brain, Pituitary Gland (Hypophysis Cerebri), Cranial Nerves.	The student will learn the definition of the brain and its components, the pituitary gland and its importance, the components of the brain and its trunk, the cerebellum and the medulla oblongata, and the spinal cord and what its components and branches cranial nerves, their types and locations.	Lectures presented in PDF format	Daily exams + homework assignments + monthly
13+14	2	The Digestive System in the Head and Neck, Endocrine Glands in the Head and Neck.	Students learn about the digestive system in the neck and head area and identify the components of the mouth, tongue, and salivary glands	Lectures presented in PDF format	Daily exams + homework assignments + monthly
15	2	Respiratory system definition	The student learns about the respiratory system, nose, nasal cavity, sinuses, and trachea	Lectures presented in PDF format	Daily exams + homework assignments + monthly

#### 11. Course Evaluation

- Daily exams with practical and scientific questions.
- Participation scores for difficult competition questions among students
- Establishing grades for environmental duties and the reports assigned to them
- Semester exams for the curriculum, in addition to the mid-year exam and final exam

#### 12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Snell Clinical Anatomy by Regions (9th Edition) Atlas of Human Anatomy by Frank H. Netter Snell Clin Anatomy by Regions (9th Edition) Human Anatomy by Frederic H. Martini, Robert B. Tallitsch, L. Nath Gray's Basic Anatomy 2nd Edition.
Main references (sources)	College library to obtain additional sources for the academic curricula • Check scientific websites to see recent developments in subject
Recommended books and references (scientific journals, reports...)	Atlas of Human Anatomy by Frank H. Netter Snell Clin Anatomy by Regions (9th Edition) Human Anatomy by Frederic H. Martini, Robert B. Tallitsch, L. Nath Gray's Basic Anatomy 2nd Edition.

