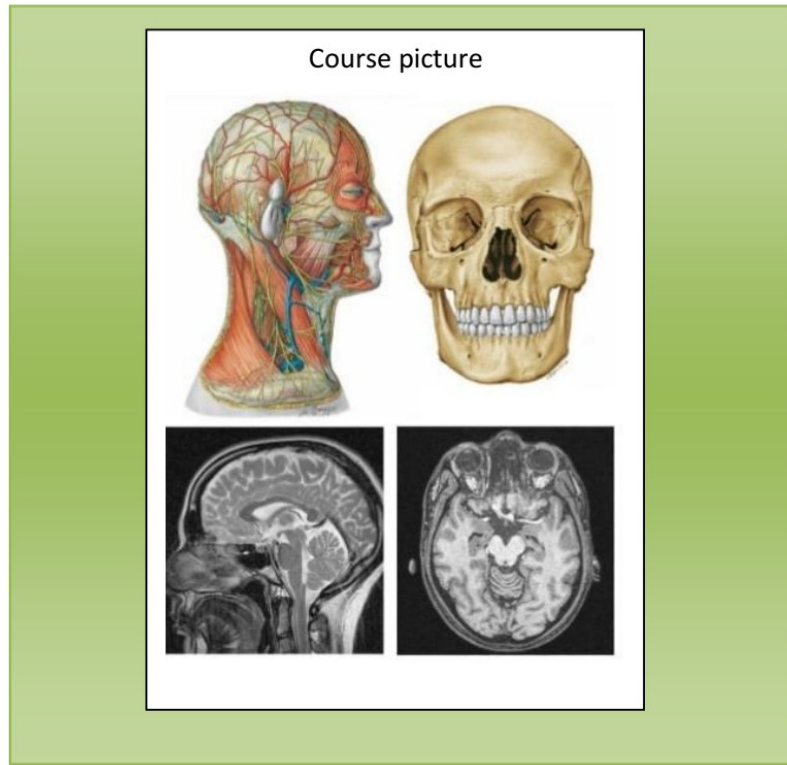


STUDY GUIDE

Course Name - General Anatomy II

Course Code - 1207213



Course coordination

Female section

Prof. Dr. Anitha Oommen (Anitha.koshy@nbu.edu.sa)

Male section

Dr. Ahmed Hegazy (ahmad.hegazy@nbu.edu.sa)

Course Identification

1. Credit hours	2
2. Level/year at which this course is offered	2 nd year 4 th semester
3. Pre-requisites for this course	Passed Preparatory (first) year

Course committee members

Dr. Saad Elshafy

Dr. Ahmed Hegazy

Prof. Dr. Anitha Oommen

Prof. Dr. Liaqat Minhas

Dr. Marwa Badawy

Dr. Wajid Ali Chatha

Dr. Mohammed Mosaad

Actual Learning Hours (Copy and paste the table from courses specification)

No	Activity	Learning Hours
Contact Hours		
1	Lecture	21 hours
2	Laboratory/Studio	14 hours
3	Tutorial	-
4	Others (specify)	-
	Total	35
Other Learning Hours*		
1	Study	35
2	Assignments	10
3	Library	
4	Projects/Research Essays/Theses	-
5	Others (specify)	-
	Total	80 hours

Course Objectives (Copy and paste the table from courses specification)

- a) Recognize the topographic anatomy of the regions of the head and neck on prosected cadaver, plastinated specimens and 3D visual system.

- b) Summarize the basic structures that compose the head and neck, such as skin, fascia, muscles, bones, and blood vessels.
- c) Analyze the information of the general plan of lymphatic drainage of the head and neck, regional lymph nodes where the common malignant growth can spread.
- d) Have a comprehensive knowledge of bones of the head and neck bones with their general features. Also classify the muscle groups, their actions, nerve supply and effects of nerve injury and list the important muscles with their origin, insertion, nerve supply, actions and relations.

Course Learning Outcomes (Copy and paste the table from courses specification)

CLOs		Aligned PLOs
1	Knowledge:	
1.1	Outline the embryology head and neck	K1
1.2	Identify the anatomical regions of the head and their boundaries and contents	K1
1.3	Describe the Contents of the neck triangles including scalp, muscles, nerves, major vessels, and skull.	K1
1.4	Recognize the anatomy of the orbit, ocular muscles, eye, and ear	K1
1.5	Describe the topographic anatomy of the regions of the head and neck and their boundaries in the actual dissection, plastinated specimens and 3D visual system.	K1
2	Skills:	
2.1	Describe the topographic anatomy of the regions of the head and neck and their boundaries in the actual dissection, plastinated specimens and 3D visual system.	S1

Course Content (Copy and paste the table from courses specification)

No	List of Topics	Contact Hours
1	Scalp	1
2	Face	1
3	Development of the head and neck I (Face, Nose, Palate and Teeth)	1
4	Cranial cavity 1	1
5	Cranial cavity 2	1
6	Orbital region I	1
7	Orbital region II + Eyelids & lacrimal apparatus	1
8	Structure of eye	1
9	Development of the eye	1
10	Temporal region & muscles of mastication	1
11	Infratemporal region & Temporomandibular joint	1
12	Parotid & submandibular region	1
13	Neck I (triangles and divisions of the neck)	1
14	Neck II (nerves: cervical plexus, sympathetic chains and parasympathetic ganglion)	1
15	Key vessels (arteries and veins) of head and neck	1
16	Development of the head and neck II (Pharyngeal Arches, Pharyngeal Clefts, Pharyngeal Pouches and their derivatives)	1
17	Cranial nerves 1 (1st, 2nd, 3rd, 4th and 5th)	1
18	Cranial nerves 2 (6th , 7th and 8th)	1
19	Cranial nerves 3 (9th , 10th , 11th and 12th)	1
20	Anatomy of the Ear (External, Middle and Internal)	1
21	Development of the ear	1
Practicals		

1.	Osteology of skull - 1	1
2.	Osteology of skull – 2	1
3.	Scalp and face	1
4.	Muscles of mastication, temporal region and temporo-mandibular joint	1
5.	Infratemporal region and parotid gland	1
6.	Orbital region, eyelids and lacrimal apparatus	1
7.	Meninges and dural venous sinuses	1
8.	Bones of neck	1
9.	Triangles of the neck	1
10	Main nerves of the neck	1
11	The eye	1
12	The ear	1
13	All arteries and veins	1
14	All nerves including cranial nerves	1
Total		35

Teaching strategies and Assessment Methods for Students (Copy and paste the table from courses specification)

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	Knowledge		
1.1	Outline the embryology head and neck	Direct instructional (lecture)	- Written exams (MCQs & SAQs).
1.2	Identify the anatomical regions of the head and their boundaries and contents	Direct instructional (lecture)	- Written exams (MCQs & SAQs).
1.3	Describe the Contents of the neck triangles including scalp, muscles, nerves, major vessels, and skull.	Direct instructional (lecture)	- Written exams (MCQs & SAQs).

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.4	Recognize the anatomy of the orbit, ocular muscles, eye, and ear	Direct instructional (lecture)	- Written exams (MCQs & SAQs).

Assessment Tasks for Students (Copy and paste the table from courses specification)

#	Assessment task*	Week Due	Percentage of Total Assessment Score
2	Midterm	6 th	25%
3	Assignment	10 th	15%
4	Final exam	End of semester	40%
5	OSPE	End of semester	20%

Course blueprint (% of total summative marks in blue print is to be given in the range)

Topics	Teaching strategies	Assessment methods	Knowledge			Skill			Competency			% of total contact hours	% of total summative marks
			K1	K2	...	S1	S2	...	C1	C2	...		
Scalp	Lecture	Written exams	K1	-	-	-	-	-	-	-	-	2.8%	3.8%
Face	Lecture	Written exams	K1	-	-	-	-	-	-	-	-	2.8%	3.8%
Development of the head and neck I (Face,	Lecture	Written exams	K1	-	-	-	-	-	-	-	-	2.8%	3.8%

Topics	Teaching strategies	Assessment methods	Knowledge			Skill			Competency			% of total contact hours	% of total summative marks
			K1	K2	...	S1	S2	...	C1	C2	...		
Nose, Palate and Teeth)													
Cranial cavity 1	Lecture	Written exams	K1	-	-	-	-	-	-	-	-	2.8%	3.8%
Cranial cavity 2	Lecture	Written exams	K1	-	-	-	-	-	-	-	-	2.8%	3.8%
Orbital region I	Lecture	Written exams	K1	-	-	-	-	-	-	-	-	2.8%	3.8%
Orbital region II + Eyelids & lacrimal apparatus	Lecture	Written exams	K1	-	-	-	-	-	-	-	-	2.8%	3.8%
Structure of eye	Lecture	Written exams	K1	-	-	-	-	-	-	-	-	2.8%	3.8%
Development of the eye	Lecture	Written exams	K1	-	-	-	-	-	-	-	-	2.8%	3.8%
Temporal region & muscles of mastication	Lecture	Written exams	K1	-	-	-	-	-	-	-	-	2.8%	3.8%
Infratemporal region & Temporomandibular joint	Lecture	Written exams	K1	-	-	-	-	-	-	-	-	2.8%	3.8%



Topics	Teaching strategies	Assessment methods	Knowledge			Skill			Competency			% of total contact hours	% of total summative marks
			K1	K2	...	S1	S2	...	C1	C2	...		
Parotid & submandibular region	Lecture	Written exams	K1	-	-	-	-	-	-	-	-	2.8%	3.8%
Neck I (triangles and divisions of the neck)	Lecture	Written exams	K1	-	-	-	-	-	-	-	-	2.8%	3.8%
Neck II (nerves: cervical plexus, sympathetic chains and parasympathetic ganglion)	Lecture	Written exams	K1	-	-	-	-	-	-	-	-	2.8%	3.8%
Key vessels (arteries and veins) of head and neck	Lecture	Written exams	K1	-	-	-	-	-	-	-	-	2.8%	3.8%
Development of the head and neck II (Pharyngeal Arches, Pharyngeal Clefts, Pharyngeal Pouches and their derivatives)	Lecture	Written exams	K1	-	-	-	-	-	-	-	-	2.8%	3.8%
Cranial nerves 1 (1st, 2nd, 3rd, 4th and 5th)	Lecture	Written exams	K1	-	-	-	-	-	-	-	-	2.8%	3.8%



Topics	Teaching strategies	Assessment methods	Knowledge			Skill			Competency			% of total contact hours	% of total summative marks
			K1	K2	...	S1	S2	...	C1	C2	...		
Cranial nerves 2 (6th , 7th and 8th)	Lecture	Written exams	K1	-	-	-	-	-	-	-	-	2.8%	3.8%
Cranial nerves 3 (9th , 10th , 11th and 12th)	Lecture	Written exams	K1	-	-	-	-	-	-	-	-	2.8%	3.8%
Anatomy of the Ear (External, Middle and Internal)	Lecture	Written exams	K1	-	-	-	-	-	-	-	-	2.8%	3.8%
Development of the ear	Lecture	Written exams	K1	-	-	-	-	-	-	-	-	2.8%	3.8%
Osteology of skull - 1	Lab. based	OSPE	-	-	-	S1	-	-	-	-	-	2.8%	1.4%
Osteology of skull – 2	Lab. based	OSPE	-	-	-	S1	-	-	-	-	-	2.8%	1.4%
Scalp and face	Lab. based	OSPE	-	-	-	S1	-	-	-	-	-	2.8%	1.4%
Muscles of mastication, temporal region and temporo-mandibular joint	Lab. based	OSPE	-	-	-	S1	-	-	-	-	-	2.8%	1.4%
Infratemporal region and parotid gland	Lab. based	OSPE	-	-	-	S1	-	-	-	-	-	2.8%	1.4%



Topics	Teaching strategies	Assessment methods	Knowledge			Skill			Competency			% of total contact hours	% of total summative marks
			K1	K2	...	S1	S2	...	C1	C2	...		
Orbital region, eyelids and lacrimal apparatus	Lab. based	OSPE	-	-	-	S1	-	-	-	-	-	2.8%	1.4%
Meninges and dural venous sinuses	Lab. based	OSPE	-	-	-	S1	-	-	-	-	-	2.8%	1.4%
Bones of neck	Lab. based	OSPE	-	-	-	S1	-	-	-	-	-	2.8%	1.4%
Triangles of the neck	Lab. based	OSPE	-	-	-	S1	-	-	-	-	-	2.8%	1.4%
Main nerves of the neck	Lab. based	OSPE	-	-	-	S1	-	-	-	-	-	2.8%	1.4%
The eye	Lab. based	OSPE	-	-	-	S1	-	-	-	-	-	2.8%	1.4%
The ear	Lab. based	OSPE	-	-	-	S1	-	-	-	-	-	2.8%	1.4%
All arteries and veins	Lab. based	OSPE	-	-	-	S1	-	-	-	-	-	2.8%	1.4%
All nerves including cranial nerves	Lab. based	OSPE	-	-	-	S1	-	-	-	-	-	2.8%	1.4%



Learning Resources (Copy and paste the table from courses specification)

Required Textbooks	Richard S Snell. Clinical Anatomy by Regions: 9th Edition. Snell's Clinical Neuroanatomy 8 th Edition
Essential References Materials	List Electronic Materials, Web Sites, you tube, Flash cards etc
Electronic Materials	Computer-based programs/CD, professional standards, regulations and software
Other Learning Materials	Power points.

Course quality evaluation

After the end of the course, please give your **FEEDBACK** through the following QR code:

