

Department:

Title of the Program: *Bachelor of Dental Surgery BDS*

Course Specification of Head and Neck Anatomy

I. Course Identification and General Information:					
1	Course Title:	Head and Neck Anatomy			
2	Course Code & Number:	DBHN1102			
3	Credit hours:	C.H			
		Lecture	Seminar/Tutorial	Practical	Training
		2		2	
4	Study level/ semester at which this course is offered:	1 st Level / 2 nd Semester			
5	Pre –requisite (if any):	General anatomy			
6	Co –requisite (if any):	None			
7	Program (s) in which the course is offered:	Bachelor of Dental Surgery			
8	Teaching Language:	English			
9	Study System:	Semester based System			
10	Prepared by:	Mohammed Ali Ahmed Shaalan			
11	Approval date:	2023/2024			
12	Approved by:	Prof. Hasan Al-Shamahy & Dr. Muneer Al-azzani			

II. Course Description:

This course planned to provide comprehensive knowledge about the basic structure of the human body and its clinical significance that provides a strong foundation for future studies. It deals with human morphology in a systematic approach that starts with the cellular level of organization followed by tissue, organ and system.

III. Course Intended learning outcomes (CILOs) of the course (maximum 8CILOs)			Referenced PILOs (Only write code number of referenced Program Intended learning outcomes)		
Knowledge and Understanding					
By the end of this course, the student will be able to:					
a.1	Identify the structures, components, cavities of the skull		A1-A2		
a.2	Describe the relationship of vessels, nerves, muscles, bones and organs to each other		A2		
Intellectual Skills:					
By the end of this course, the student will be able to					
b.1	Evaluate the anatomical complex of the head and neck to		B1		
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	other systemic body functions	
b.2	Differentiate between the body functions and those altered in disease.	B2
Professional and Practical Skills By the end of this course, the student will be able to		
c.1	Given a clinical correlation, identify the anatomical landmarks important in understanding normal function.	C1
c.2	Prescribe a clinical correlation, anatomical knowledge to solve clinical situations of bones, muscles, arteries, veins, nerves and lymphatics drainage	C1,C5
Transferable (General) Skills: By the end of this course, the student will be able to		
d.1.	Develop Excellent Communication skills with wide range of individuals.	D1-D2

(A) Alignment Course Intended Learning Outcomes of Knowledge and Understanding to Teaching and Assessment Strategies:		
Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
Identify the structures, components, cavities of the skull	Lecture Demonstration	Quizzes Midterm Exam Final Exam Assignment Oral Exam
Describe the relationship of vessels, nerves, muscles, bones and organs to each other	Discussion Presentation	
(B) Alignment Course Intended Learning Outcomes of Intellectual Skills to Teaching and Assessment Strategies:		
Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
Evaluate the anatomical complex of the head and neck to other systemic body functions	Lecture Demonstration	Quizzes Midterm Exam Final Exam Assignment Oral Exam
Differentiate between the body functions and those altered in disease.	Discussion Presentation	
(C) Alignment Course Intended Learning Outcomes of Professional and Practical Skills to Teaching and Assessment Strategies:		
Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
Given a clinical correlation, identify the anatomical	Lectures	Semester Work



landmarks important in understanding normal function.	exercise Discussion	Practical Exam
Prescribe a clinical correlation, anatomical knowledge to solve clinical situations of bones, muscles, arteries, veins, nerves and lymphatics drainage		
(D) Alignment Course Intended Learning Outcomes of Transferable Skills to Teaching Strategies and Assessment Strategies:		
Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
Develop Excellent Communication skills with wide range of individuals	Exercise Brainstorming Discussion Self-study	Homework Group work Research

IV. Course Content:

First: Theoretical Aspects					
Order	Units/Topics List	Learning Outcomes	Subtopics List	Number of Weeks	contact hours
1	Osteology	a1,a2, b1-b2	- Skull, hyoid bone, cervical vertebra, - fossae and spaces - Cranial and orbital cavity's structure, brain lobes, drainage system, eye	4	8
2	Muscles of the head and neck	a1,a2, b1-b2	-Muscles of Facial expression , masticatory ,tongue , soft palate - Planes and triangles of the neck	2	4
3	Midterm Exam			1	2
4	Cranial nerves	a1,a2, b1-b2	- Names, course and clinical significance	2	4
5	Blood supply	a1,a2, b1-b2	- Arteries and veins of the head and neck - Lymphatic vessels ,nodes and clinical importance	2	4
6	Oral cavity and para nasal sinuses	a1,a2, b1-b2	- Structures , types ,blood and nerve supply -Salivary glands	2	4

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7	Nasal cavity ,pharynx and larynx	a1,a2, b1-b2	- Structures , types ,blood and nerve supply	2	4
8	Final Exam			1	2
Number of Weeks /and Units Per Semester				16	32

Second: Practical/Tutorial/Clinical Aspects

No.	Practical/Tutorial/Clinical topics	No. of Weeks	Contact Hours	CILOs
1	Skull , Hyoid bone, cervical vertebra and TMJ	3	6	c1-c2
2	Cranial cavity and Orbital cavity	2	4	c1-c2
3	Scalp and Muscles of the head and neck	2	4	c1-c2
4	Cranial nerves	2	4	c1-c2
5	Blood supply and Lymphatic drainage	1	4	c1-c2
6	Oral cavity and para nasal sinuses and Salivary gland	2	4	c1-c2
7	Nasal cavity, pharynxes and larynx	1	2	c1-c2
8	Practical exam	1	2	c1-c2
Total number of weeks and hours		12	24	

V. Teaching strategies of the course:

- Lectures
- Exercise
- Discussion
- Brainstorming
- Self-study
- Demonstration

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- Presentation

VI. Assignments:

No.	Assignments	Aligned CILOs (symbols)	Week Due	Mark
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VII. Learning Assessment

No.	Assessment Tasks	Week due	Mark	Proportion of Final Assessment	Aligned CILOs
Assessment of Theoretical Part					
1	Quizzes	4 th	5	5%	a1,a2,b1
2	Midterm Exam	7 th	20	20%	a1,a2,b1-b2
3	Oral Exam	13 th	5	5%	a1,a2,b1-b2
4	Final Exam	16 th	40	40%	a1,a2,b1-b2
Total			70	70%	
Assessment of Practical Part					
1	Assignments	10 th	10	10%	b1-b2, d1
2	Practical Exam	14 th	20	20%	c1-c2
Total			30	30%	
1	Research, Group work and practical work		d1	10 th	10
Total					10

VIII. Learning Resources:

Written in the following order: (Author - Year of publication – Title – Edition – Place of publication – Publisher).

1- Required Textbook(s) (maximum two).

- 1- Standring, S., Borley, N. R., & Gray, H. (2008). Gray's anatomy: the anatomical basis of clinical practice. 40th ed., anniversary ed. Edinburgh: Churchill Livingstone/Elsevier

2- Essential References.

- 1- Hamilton, W. J. (et al.). 2001, Hamilton`s textbook of basic anatomy, 6th edition.
- 2- Martin E. Atkinson. 2000. Anatomy for dental students ,Latest Edition. Mosby

3- Electronic Materials and Web Sites etc.

- 1- <https://onlinelibrary.wiley.com> › journal of Anatomy

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IX. Course Policies:

1	<p>(Class Attendance)</p> <p>Attendance of students is taken at beginning of lecture time. - The allowed absence percentage is 20% without excuse and 30% with acceptable excuse, - When student has been absent for more than 30% of course lectures without acceptable excuse, the student will be prohibited from entering subject the final exam.</p>
2	<p>(Tardy)</p> <p>If the student came late to class for 15 minutes, he/she is registered absent but he/she allowed to enter the hall to listen lecture presentation.</p>
3	<p>(Exam Attendance/Punctuality):</p> <p>According to examination roles or policies: - If the student is absent in the year works exams, the decision is referred to the teacher whether to allow or to reject according to the offered excuse. - If the student is absent in the final exam with an acceptable excuse, the student would be attended the re-sit exam as 1st trial. - If the student is absent in the final exam without an acceptable excuse, the student would be attended re-sit exam as 2nd trial.</p>
4	<p>(Assignments & Projects):</p> <p>According to examination roles or policies: - The student should be attended the final exam at certain time and according to the accredited exam table. - If the student came late after 15 minutes from the exam beginning, the student would be to attend the exam with oral monition of never repeat. - In case of the repeat, the student prevented from entrance and considered absent.</p>
5	<p>(Cheating):</p> <p>According to examination roles or policies: - If the student cheated in the year works exams of the course, the student prohibited from entrance the final exam and given zero degree with prevented him from entrance the re-sit exam of this course. - If the student cheated in the final exam of the course, the student prohibited from the cheated course and the followed course and given zero degree in both courses, and prevented him from entrance the re-sit exams of them. - If the cheated course is the last at the exam table, the student prohibited from the cheated course and the past course and given zero degree in both courses, and prevented him from entrance the re-sit exams of them. - If the cheating is discovered in subsequent time, the cheated student didn't escape from payment and ordinance is referred to precision committee and the final decision is referred to the collage council. - If the cheating is discovered during the correcting the answered books, the corrector has written a report to the chairman of concerned department for taking available procedure. - The faculty council is able to segregate the student for one academic year in 2nd cheating trial and final segregation from the university after accreditation of university council in 3rd cheating trial.</p>
6	<p>(Plagiarism):</p> <p>According to examination roles or policies: Plagiarism means a student plagiarizes the personality of another student. Plagiarism for exam purpose: 1- Both students are prohibited from the plagiarized</p>



	academic year and all results of them are rejected with prohibition of them from entrance the re-sit exam. 2- If the plagiarized student is from outside the university, the student is referred to the university police. -Plagiarism for other purposes: 1- Both students are warned as segregation. 2- If the plagiarized student is from outside the university, the student is referred to the university police.
7	(Other policies): The student should be followed the instructions for the exam entrance. - The student should be followed all systems & laws of the university.

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Course Plan of

I. Information of Faculty Members responsible for the course:

Name of Faculty Member		Office Hours					
Location & Telephone No.		SAT	SUN	MON	TUE	WED	THU
E-mail							

II. Course Identification and General Information:

1-	Course Title:	Head and Neck Anatomy				
2-	Course Number & Code:	DBHN1102				
3-	Credit hours:	C.H				Total
		Th.	Seminar	Pr.	F. Tr.	
		2		2		
4-	Study level/year at which this course is offered:	1 st Level /2 nd Semester				
5-	Pre –requisite (if any):	General anatomy				
6-	Co –requisite (if any):	None				
7-	Program (s) in which the course is offered	Bachelor of Dental Surgery				
8-	Language of teaching the course:	English				
9-	System of Study:	Semester based System				
10-	Location of teaching the course:	Faculty of dentistry				

III. Course Description:

This course planned to provide comprehensive knowledge about the basic structure of the human body and its clinical significance that provides a strong foundation for future studies. It deals with human morphology in a systematic approach that starts with the cellular level of organization followed by tissue, organ and system.

IV. Intended learning outcomes (ILOs) of the course

After completing this course, students will be able to:

a.1	Identify the structures, components, cavities of the skull
a.2	Relate the anatomical complex of the head and neck to other systemic body functions
b.1	Evaluate the anatomical complex of the head and neck to other systemic body functions

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b.2	Differentiate between the body functions and those altered in disease.
c.1	Given a clinical correlation, identify the anatomical landmarks important in understanding normal function.
c.2	Prescribe a clinical correlation, anatomical knowledge to solve clinical situations of bones, muscles, arteries, veins, nerves and lymphatics drainage
d.1	Develop Excellent Communication skills with wide range of individuals

V. Course Content:

A. Theoretical Aspects

Order	Units/Topics List	Learning Outcomes	Subtopics List	Number of Weeks	contact hours
1	Osteology	a1,a2, b1-b2	- Skull, hyoid bone, cervical vertebra, - fossae and spaces - Cranial and orbital cavity,structure, brain lobes, drainage system,eye	1 st – 4 th	8
2	Muscles of the head and neck	a1,a2, b1-b2	Muscles of Facial expression , masticatory ,tongue , soft palate - Planes and triangles of the neck	5 th -6 th	4
3	Midterm Exam			7 th	2
4	Cranial nerves		- Names, course and clinical significance	8 th – 9 th	4
5	Blood supply	a1,a2, b1-b2	- Arteries and veins of the head and neck - Lymphatic vessels ,nodes and clinical importance	10 th -11 th	4
6	Oral cavity and para nasal sinuses	a1,a2, b1-b2	- Structures , types ,blood and nerve supply - Salivary glands	12 th -13 th	4
7	Nasal cavity ,pharynx and larynx	a1,a2, b1-b2	- Structures , types ,blood and nerve supply	14 th -15 th	4
8	Final Exam			16 th	2
Number of Weeks /and Units Per Semester				16	32

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B. Practical Aspects

No.	Practical/Tutorial/Clinical topics	No. of Weeks	Contact Hours	CILOs
1	Skull , Hyoid bone, cervical vertebra and TMJ	1 st -3 rd	6	c1-c2
2	Cranial cavity and Orbital cavity	4 th -5 th	4	c1-c2
3	Scalp and Muscles of the head and neck	6 th -7 th	4	c1-c2
4	Cranial nerves	8 th -9 th	4	c1-c2
5	Blood supply and Lymphatic drainage	10 th	2	c1-c2
6	Oral cavity and para nasal sinuses and Salivary gland	11 th -12 th	4	c1-c2
7	Nasal cavity ,pharynx and larynx	13 th	2	c1-c2
8	Practical exam	14 th	2	c1-c2
Total number of weeks and hours		14	28	

VI. Teaching strategies of the course:

- Lectures
- Exercise
- Discussion

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- Brainstorming
- Debate
- Self-study
- Demonstration
- Presentation

VII. Assignments:

No.	Assignments	Aligned CILOs (symbols)	Week Due	Mark
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VIII. Learning Assessment

No.	Assessment Tasks	Week due	Mark	Proportion of Final Assessment	Aligned CILOs
	Assessment of Theoretical Part				
1	Quizzes	4 th	5	5%	a1,a2,b1
2	Midterm Exam	7 th	20	20%	a1,a2,b1-b2
3	Oral Exam	13 th	5	5%	a1,a2,b1-b2
4	Final Exam	16 th	40	40%	a1,a2,b1-b2
Total			70	70%	
	Assessment of Practical Part				
1	Assignments	10 th	10	10%	b1-b2, d1
2	Practical Exam	14 th	20	20%	c1-c2
Total			30	30%	
1	Research, Group work and practical work	d1		10 th	10
Total					10

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- 2- Martin E. Atkinson. 2000. Anatomy for dental students ,Latest Edition. Mosby

3- Electronic Materials and Web Sites etc.

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X. Course Policies:

Class Attendance:

- 1
 - Attendance of students is taken at beginning of lecture time.
 - After 15 minutes of lecture time the student is considered absent.
 - When student has been absent for more than 25% of course contents, the student should be prohibited for entrance the final exam.

Tardy:

- 2
 - If the student came late to class for 15 minutes, he/she is registered absent but he/she allowed to enter the hall to listen lecture presentation.

Exam Attendance/Punctuality:

- 3
 - According to examination roles or policies:
 - If the student is absent in the year works exams, the decision is referred to the teacher whether to allow or to reject according to the offered excuse.
 - If the student is absent in the final exam with an acceptable excuse, the student would be attended the re-sit exam as 1st trial.
 - If the student is absent in the final exam without an acceptable excuse, the student would be attended re-sit exam as 2nd trial.



4	<p>Assignments & Projects:</p> <ul style="list-style-type: none"> -- According to examination roles or policies: - The student should be attended the final exam at certain time and according to the accredited exam table. - If the student came late after 15 minutes from the exam beginning, the student would be to attend the exam with oral monition of never repeat. - In case of the repeat, the student prevented from entrance and considered absent.
5	<p>Cheating:</p> <p>According to examination roles or policies:</p> <ul style="list-style-type: none"> - If the student cheated in the year works exams of the course, the student prohibited from entrance the final exam and given zero degree with prevented him from entrance the re-sit exam of this course. - If the student cheated in the final exam of the course, the student prohibited from the cheated course and the followed course and given zero degree in both courses, and prevented him from entrance the re-sit exams of them. - If the cheated course is the last at the exam table, the student prohibited from the cheated course and the past course and given zero degree in both courses, and prevented him from entrance the re-sit exams of them. - If the cheating is discovered in subsequent time, the cheated student didn't escape from payment and ordinance is referred to precision committee and the final decision is referred to the collage council. - If the cheating is discovered during the correcting the answered books, the corrector has written a report to the chairman of concerned department for taking available procedure. - The faculty council is able to segregate the student for one academic year in 2nd cheating trial and final segregation from the university after accreditation of university council in 3rd cheating trial.
6	<p>Plagiarism:</p> <ul style="list-style-type: none"> -According to examination roles or policies: <p>Plagiarism means a student plagiarizes the personality of another student.</p> <p>Plagiarism for exam purpose:</p> <ol style="list-style-type: none"> 1- Both students are prohibited from the plagiarized academic year and all results of them are rejected with prohibition of them from entrance the re-sit exam. 2- If the plagiarized student is from outside the university, the student is referred to the university police. <p>-Plagiarism for other purposes:</p> <ol style="list-style-type: none"> 1- Both students are warned as segregation. 2- If the plagiarized student is from outside the university, the student is referred to the university police.
7	<p>Other policies:</p> <ul style="list-style-type: none"> -The student should be followed the instructions for the exam entrance. - The student should be followed all systems & laws of the university.

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Republic of Yemen

Ministry of Higher Education
and Scientific Research

Sana'a University

Faculty of Dentistry

Quality Assurance Unit



الجمهورية اليمنية

وزارة التعليم العالي والبحث العلمي

جامعة صنعاء

كلية طب الأسنان

وحدة ضمان الجودة

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