



# Course Specifications

Institution:	<b>College of dentistry in AlZulfi</b>
Academic Department :	<b>Basic medical science departmen</b>
Programme :	<b>BDS</b>
Course :	<b>Anatomy, Embryology &amp; Histology ANA113</b>
Course Coordinator :	<b>dr/ Fekry Elsayed Shata</b>
Programme Coordinator :	<b>Dr/ Abdulrahman Alatram</b>
Course Specification Approved Date :	<b>26/ 11 / 1435 H</b>



## A. Course Identification and General Information

1 - Course title :	Anatomy, Embryology & Histology.	Course Code:	ANA113
2. Credit hours :	8		
3 - Program(s) in which the course is offered:	BDS		
4 – Course Language :	English		
5 - Name of faculty member responsible for the course:	dr/ Fekry Elsayed Shata...		
6 - Level/year at which this course is offered :	.first		
7 - Pre-requisites for this course (if any) :	• .....		
8 - Co-requisites for this course (if any) :	• .....		
9 - Location if not on main campus :	(College of dentistry in AlZulfi).		
10 - Mode of Instruction (mark all that apply)			
A - Traditional classroom	<input checked="" type="checkbox"/>	What percentage?	50 %
B - Blended (traditional and online)	<input type="checkbox"/>	What percentage?	... %
D - e-learning	<input type="checkbox"/>	What percentage?	... %
E – Correspondence	<input type="checkbox"/>	What percentage?	...%
F - Other (lab.)	<input checked="" type="checkbox"/>	What percentage?	50 %
Comments : Using smart board, attractive Audio-visual Aids and practical demonstration			

## B Objectives

What is the main purpose for this course?
<b>This course is based on enhancing study of the basic knowledge related to description of the cell structure and the functions of its components, description of the structure of the basic body tissues, description of anatomical terms, and human biology, description of the macroscopic and microscopic structure of the organ system of the human body, description of the detailed anatomy of the head and neck. General embryology and Development of the face, neck and skull will be also discussed in the course.</b>
Briefly describe any plans for developing and improving the course that are being implemented :
<ul style="list-style-type: none"><li>• <b>Attending workshops related to recent methods of teaching and assessments</b></li><li>• <b>Follow recent texts &amp; researches related to this course.</b></li><li>• <b>Increase the use of audiovisual aids like models, video and pictures.</b></li></ul>





## C. Course Description

### 1. Topics to be covered

#### First semester:

List of Topics	No. of Weeks	Contact Hours
Introduction to Anatomy	1st	2
Skeletal system Joints Cartilage	1st	2
Muscular system	2nd	4
Circulatory system	3rd	4
Lymphatic System	4th	2
Respiratory system	4th	2
Digestive system	5th	2
Urinary system	5th	2
Male reproductive system Female reproductive system	6th	4
Nervous system	7th	4
Endocrine glands	8th	4
Introduction to embryology	9th	2
Fertilization	9th	2
Germ layers	10th	2
Foetus	10th	2
Tissue preparation and light microscopy	11th	4
Epithelial tissues	12th	2
Muscle tissue	12th	2
Nerve tissue	13th	2
Connective tissue	13th	2
Revision	14th	4
Final exam	15th	

#### Second semester:

List of Topics	No. of Weeks	Contact Hours
Bones of the head and neck	1st	4
Foramens of the head	2nd	4
The scalp Muscles of the face	3rd	4
Cranial nerves	4th	4





Facial muscles	5th	4
Neck muscles	6th	4
Muscles of mastication	7th	4
Blood supply of the head and neck	8th	4
The orbit	9th	4
TEMPORAL FOSSA	10th	4
Infratemporal fossa		
Oral cavity and salivary gland	11th	4
Review & Self-study material	12th	4
Review & Self-study material	13th	4
Practical exam	14th	----
Final exam	15th	----

## 2. Course components (total contact hours and credits per semester):

		Lecture	Tutorial	Laboratory	Practical	Other:	Total
Contact Hours	1 <sup>st</sup> semester	.....30.....	.....	.....	...60.....	.....	.....90.....
	2 <sup>nd</sup> semester	.....30.....	.....	.....	.....90.....	.....	.....90.....
Credit	1 <sup>st</sup> semester	.....30.....	.....	.....	...30.....	.....	.....60.....
	2 <sup>nd</sup> semester	.....30.....	.....	.....	...30.....	.....	.....60.....

## 3. Additional private study/learning hours expected for students per week.

.....2.....





#### 4. Course Learning Outcomes in NQF Domains of Learning and Alignment with Assessment Methods and Teaching Strategy

	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
<b>1.0</b>	<b>Knowledge</b>		
<b>1.1</b>	Anatomical components of different body systems	1. Lectures 2. Textbook 3. Discussion 4. Audiovisual & lab sessions	1. assessment questions at the end of lecture 2. Oral exams 3.MCQs exams. 4. Short assay exams. 5. Quizzes
<b>1.2</b>	Detailed anatomy of head & neck		
<b>1.3</b>	Developmetal changes of human embryo		
<b>1.4</b>	Study of different tissues and histological components of common organs		
<b>2.0</b>	<b>Cognitive Skills</b>		
<b>2.1</b>	Students will be able to apply a critical thinking to suggest the relation between functions & components of different body systems.	1. Lectures 2. Textbook 3. Discussion 4. Audiovisual & lab sessions	1. giving assessment questions 2. Oral exams 3.MCQs exams. 4.Short assay exams. 5. Quizzes
<b>2.2</b>	Students will be able to apply a critical thinking to suggest the relation of functions to histological changes of different body tissues		
<b>1.3</b>	Students will be able to apply a critical thinking to suggest the relation of different microscopic pictures of normal to diseased tissues		
<b>3.0</b>	<b>Interpersonal Skills &amp; Responsibility</b>		
<b>3.1</b>	The ability of the students to form groups & distributing duties.	1. Enhancing the student for team work 2. motivating the student's discussion, workshop & presentations.	1.Assessment of student presentations 2.Group discussions
<b>3.2</b>	The ability of the students to give opinions and how to respect the opinions of others		
<b>2.3</b>	Students will do group projects & presentations		
<b>4.0</b>	<b>Communication, Information Technology, Numerical</b>		
<b>4.1</b>	Students will be able to use Emails & other social websites for contact with their colleges & teaching stuff	1.Training the student how to send & receive homework 2.Training the student how to reach the good websites for & how to do internet searches	Group discussions and practical observations
<b>4.2</b>	The ability of the student to reach the good websites for doing internet searches		
<b>5.0</b>	<b>Psychomotor</b>		
<b>5.1</b>	The students become able to do dissection of	1.PowerPoint	Practical





	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
	cadavers.	presentation. 2.audiovisual & lab. Sessions.	examinations & dissection skills

### 5. Schedule of Assessment Tasks for Students During the Semester:

	Assessment task	Week Due	Proportion of Total Assessment
1	Theoretical midterm exam	7 <sup>th</sup>	20%
2	Practical midterm exam	7 <sup>th</sup>	15%
3	Weekly practical, theoretical, attendance & homework assessment	Weekly	25%
4	Final theoretical exam	15th	25%
5	Final practical exam	15th	15%

### D. Student Academic Counseling and Support

- Arrangements for availability of teaching staff for individual student consultations and academic advice. (include amount of time teaching staff are expected to be available each week):
- Students will be informed in advance to assemble themselves in the classroom for group discussions
- Students will be informed about the written tasks in the form of essays.
- Students will be encouraged towards use of internet sources and library for the study and completion of the assignments

### E. Learning Resources

#### 1. List Required Textbooks :

- Illustrated anatomy of the head and neck. Margaret J. Fehrenbach, Susan W. herring. Saunders Elsevier 2007 .
- Color atlas of head and neck anatomy, ed. 3, London, 2003, Mosby Ltd.

#### 2. List Essential References Materials :

- Clinical anatomy by regions, ed. 9, Snell, 2004 Lippincott Williams & Wilkins.
- Textbook of general embryology – Inder Bir singh

#### 3. List Recommended Textbooks and Reference Material :





- Last's Clinical anatomy 6<sup>th</sup> Ed. 2006.
- Anatomy of the Human Body". Henry Gray. 20th edition. 1918". Retrieved on 19 March 2007.
- Gray's Anatomy. 39th edition (UK). 2004. ISBN 0-443-07168-3".
- Clinically oriented anatomy. Keith. L. Moore. 4<sup>th</sup>Ed. 1999.

#### 4. List Electronic Materials :

- Articles prepared by course director
- Video for anatomy of various body organs
- Presentations

#### 5. Other learning material :

- .....

### F. Facilities Required

#### 1. Accommodation

- Lab must be suitable for the number of students (maximum 20/class).
- Smart boards
- Laptops & data show equipments.

#### 2. Computing resources

- Laptop
- Smart Board
- Internet connection.

#### 3. Other resources

- Anatomical models
- Histological slides
- Data show projectors

### G Course Evaluation and Improvement Processes

#### 1 Strategies for Obtaining Student Feedback on Effectiveness of Teaching:

- Using questioners as an evaluation tools

#### 2 Other Strategies for Evaluation of Teaching by the Program/Department Instructor :

- Evaluation of Teaching by internal and external qualification institutes
- Assess the teacher's abilities and potentials by observations and assistance from colleagues, independent assessment of standards achieved by students, independent advice on assignment tasks.
- Assessment of midterms & final exams

#### 3 Processes for Improvement of Teaching :

- In service educational process means of updating the recent trends in educational process, involving in research

#### 4. Processes for Verifying Standards of Student Achievement

- Describe methods used to compare standards of achievement with standards achieved elsewhere, e.g. check marking of a sample of examination papers or assignment tasks.

#### 5 Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement :





- Prepare work sheet for review; refresh the previous knowledge, and panel discussions.

**Course Specification Approved**  
**Department Official Meeting No ( ..... ) Date 26/ 11 / 1435 H**

**Course's Coordinator**

**Name :** Dr/Fekry shata..  
**Signature :** .....  
**Date :** 26/ 11 / 1435 H

**Department Head**

**Name :** Dr/Fekry shata..  
**Signature :** .....  
**Date :** 26/ 11 / 1435 H

