Beni-Suef University
Faculty of Dentistry
Quality Assurance Unit

Course Specification of Credit Hour System

University: **Beni-Suef** Faculty: **Dentistry**
Course Title: **Dental anatomy and physiology1** Course code: **DOB111**
Program on which the course is given: **Bachelor's degree of Dental science, Graduate program**
Department offering the course: **Oral biology**.
Academic year: **2023-2024** Academic level: **1st** semester:**1st**
Date of specification approval: **September 2023**

A- Basic Information

Academic Year:	**2023-2024**
Course Code:	DOB111
Course Theoretical (contact hours):	2 hours
Practical (contact hours)	3hours
Total Hours:	5hours
Credit hours:	3hours
Prerequisite if present:	No

B- Professional Information

Overall aims of the course.

By the end of the course the student must be able to:

Identify the anatomy of the permanent anterior and posterior premolar and anterior deciduous teeth and their functions.

Identify the geometric outline of all surfaces of all permanent anterior and posterior premolar and anterior deciduous teeth crowns

2- Intended learning outcomes of the course (ILOs)

a. Knowledge and understanding:

a1- Illustrate components of the oral cavity and tooth structure.

a2-Describe the anatomical landmarks of permanent anterior and posterior premolar teeth

a3- Describe the morphology of anterior and posterior premolar teeth' dental anatomy.

b. Intellectual skills:

b1- Formulate different types of dentitions sets and teeth.

b2-Compare the different aspects of the permanent and deciduous anterior teeth.

c. Professional and practical skills:

c1- Prepare models of wax for permanent anterior teeth and premolar teeth.

c2- Perform labeled diagrams of permanent maxillary and mandibular anterior teeth.

c3- Examine natural deciduous and permanent teeth differences.

d. General and transferable skills:

d1-Use Internet in research and communications

d2- work as a part of teamwork

d3- Write a report with a team.

d4- Improve presentation skills.

d5- Improve writing and speaking skills.

3-Contents:

Topic	lecturer	No. of lectures	No. of practical sessions	Total hours	weighing of the topic	ILOs covered by this topic	Teaching method	Assessment methods
1-Introduction (class. Of dentition, macro, micro-anatomy and functions of teeth, Dental formulae , point ,line angles with division into thirds and Numbering systems , elevations and depressions)	Dr. Omayma Mohamed	3	3 sections Illustration on models	15	23.8%	a1, a2, b1, d2, d3, d4, d5	-Lectures Discussions during the lecture -Clinical photos and videos to illustrate subject -Practical sessions using illustrated models	-All students will have an opportunity to personally interact and respond to answer questions during sessions -Quiz -Assignments in form of self-evaluated questions included at the end of chapter
2- Surface anatomy of maxillary incisors (one of them online)	Dr. Dalia Riad	2	2 sections; carving and drawing	10	15.8%	a2, a3, b2, c1,c2, d2, d3, d4, d5		
3- Surface anatomy of mandibular incisors (online)	Dr. Omayma Mohamed	1	2 sections; carving and drawing.	8	12.8%	a2, a3, b2, c1,c2, d2, d3, d4, d5		

4- Surface anatomy of canines (online)	Dr. mohammed yehia	1	2 sections; carving and drawing	8	12.8%	a2, a3, b2, c1,c2, d2, d3, d4, d5		
5-Difference between permanent and deciduous teeth. Anatomy of Anterior deciduous teeth	Dr. mohammed yehia	1	1 section Tooth identificati on	5	7.9%	a3, b2, c3, d2, d4, d5		
6- Surface anatomy of maxillary premolars	Dr. mohammed yehia	2	1 section, carving and drawing.	7	11.11 %	a2, a3, b2, d2, d3, d4, d5		
7- Surface anatomy of mandibular premolars	Dr. Omayma Mohamed	2	2 sections; carving and drawing	10	15.8%	a2, a3, b2, d2, d3, d4, d5		

4- Teaching and learning methods

4a – Small group discussion / Brain storming.	living lectures
4b- Interactive lecture	yes
4c – Demonstrations.	In labs
4d- online activities	yes

5- Student assessment methods

a. Written and short answer question.
b. Written and long essay.
c. Multiple choice questions (MCQ)
d. True or false question with justifying answer.
e. Practical
f. logbooks.
g. Mid-term exam
h. Practical exam
i. Oral exam
j. Final exam

5.B Assessment schedule of each term:

Assessment	**Midterm**	**Final Written**	**Practical exam**	**Oral exam**	**Periodic evaluations**
Week	**8th week**	**15th week**	**14th week**	**15th week**	**4th week**
					10th week
					13th week

5.C Weighting of assessments:

	Work assessments	Written	midterm	Practical	Oral Exam	Total
Marks	20	40	10	20	10	100
weighing	20%	40%	10%	20%	10%	100%

6- List of reference.

Lecture data available in the university's e-book platform

-Recommended textbook:

- Wheeler**'s Oral Dental Anatomy & Physiology** , Nelson, Stanley J. Wheeler's dental anatomy, physiology and occlusion-e-book. Elsevier Health Sciences, 11th edition, 2021

Facilities required for teaching and learning.

Insert smart boards in labs.

Course coordinator**: Dr. Dalia Riad**

Head of Department**: Prof. Dr. Ahmed Nabil**

Date: **September 2023**