



Course Specification of Credit Hour System

University: **Beni-Suef** Faculty: **Dentistry**
Course Title: **Dental anatomy and physiology 2** Course code: **DOB122**
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: **2nd**
Date of specification approval: **September 2023**

A- Basic Information

Academic Year:	2023-2024
Course Code:	DOB122
Course Theoretical (contact hours):	2 hours
Practical (contact hours)	3hours
Total Hours: - credit hours	5hours/ 3hours
Prerequisite if present:	Dental anatomy and physiology 1

B- Professional Information

1- Overall aims of the course.

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

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

Identify the geometric outline of all surfaces of all teeth crowns, the direct and indirect factors that protect the periodontium, and the occlusion of teeth.

2- Intended learning outcomes of the course (ILOs)

a. Knowledge and understanding:

a1- Describe permanent and deciduous posterior teeth' dental anatomy.

a2- Identify the geometric outline of all surfaces of permanent and deciduous posterior teeth crowns

a3-List the anatomical landmarks of the mandible, direct and indirect factors affecting the periodontium

a4- Define centric occlusion and jaw relations

a5-Describe the phases of development of the permanent teeth into the dental arches and its implication of sequences of the eruption of permanent teeth.

b. Intellectual skills:

b1-Compare the different aspects of the permanent and deciduous posterior teeth.

b2-Survey the mandible at different ages.

b3-Investigate the occlusion of teeth and the compensatory curve.

c. Professional and practical skills:

c1- Prepare models of wax for permanent posterior teeth

c2- Perform labeled diagrams of permanent maxillary and mandibular molars

c3- Examine natural deciduous and permanent teeth differences.

C4- Use the oral cavity model to match the different direct and indirect factors affecting the periodontium.

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-Surface anatomy of maxillary permanent molars	Dr. Omayma Mohamed	2	Two sections; carving and drawing.	10	28.6%	a1, b1, c1,c2, 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 mandibular permanent molars	Dr. Asmaa ahmed	2	Two sections; carving and drawing	10	28.6%	a1, b1, c1,c2, d2, d3 d4, d5		
3-Anatomy of deciduous posterior teeth(online)	Dr. mohammed yehia	1	One section Tooth identification	5	14.3%	a1, b1, c3, d2		
4-Geometric outline of the crowns(online)	Dr. Omayma Mohamed	1	-	2	5.7%	a2,b1, c4, d2		

5- Physiologic tooth form protecting the periodontium	Dr. Omayma Mohamed	1	-	2	5.7%	a3, c4, d2		
6- Mandible at different ages	Dr. mohammed yehia	1	-	2	5.7%	a3, b2, d2		
7- Occlusion of anterior and posterior teeth	Dr. Dalia Riad	2	-	4	11.4%	a4,a5,b3, c4, d1, 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

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:

<i>Assessment</i>	Midterm	Final Written	Practical exam	Oral exam	Periodic evaluations
<i>Week</i>	8th week	18 th week	15th week	18 th week	4 th week
					6 th week
					10 th week
					14 th 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**

A handwritten signature in black ink, appearing to read 'Dr. Riad', is positioned in the lower right quadrant of the page. The signature is stylized and cursive.