



Course Specification

University: **Beni-Suef** Faculty: **Dentistry**
Course Title: **Human dentition** Course code: **DDT2**
Program on which the course is given: **Bachelor's degree in Dentistry, Graduate program**
Department offering the course: **Oral biology department**
Academic year: **1st year 2023-2024**
Date of specification approval: **September 2023**

A- Basic Information

Academic Year:	2023-2024
Course Code:	DDT2
Course Theoretical (contact hours):	One hour
Practical (contact hours)	3hours
Total Hours: -	4hours
Prerequisite if any:	No

B- Professional Information

Overall aims of course.

BY the end of the course the student must be able to: Identify the anatomy of the anterior and posterior permanent and 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 course (ILOs)

a.Knowledge and understanding:

- a1- Illustrate component of oral cavity and tooth structure.
- a2- Describe anterior and posterior teeth dental anatomy.
- a3- Define centric occlusion and jaw relations.

a4-Describe the phases of development of the permanent teeth into the dental arches and its implication of sequences of eruption of permanent teeth.

b. Intellectual skills:

b1- Formulate different types of dentitions sets and teeth.

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

b3-Survey the mandible at different ages.

b4-Investigate the occlusion of teeth and the compensatory curve.

c. Professional and practical skills:

c1- Prepare models of wax for anterior and posterior teeth.

c2- Examine natural deciduous and permanent teeth differences.

c3- 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 a teamwork

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	12	23.8%	a1, a2, b1, d2, d3, d4, d5	-Lectures Discussions during the lecture -Clinical photos and videos to illustrate the 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	8	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.	7	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	7	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 identification	4	7.9%	a3, b2, c3, d2, d4, d5		
6- Surface anatomy of maxillary premolars	Dr. Mohammed yehia	2	1 section, carving and drawing.	5	11.11 %	a2, a3, b2, d2, d3, d4, d5		
7- Surface anatomy of mandibular premolars	Dr. Omayma Mohamed	2	2 sections; carving and drawing	8	15.8%	a2, a3, b2, d2, d3, d4, d5		

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.	8	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	8	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	4	14.3%	a1, b1, c3, d2		
4-Geometric outline of the crowns(online)	Dr. Omayma Mohamed	1	-	1	5.7%	a2,b1, c4, d2		
5- Physiologic tooth form protecting the periodontium	Dr. Omayma Mohamed	1	-	1	5.7%	a3, c4, d2		
6- Mandible at different ages	Dr. mohammed yehia	1	-	1	5.7%	a3, b2, d2		
7- Occlusion of anterior and posterior teeth	Dr. Dalia Riad	2	-	2	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
4d- Research project.	yes

5- Student assessment methods

a. Written and short answer question.	<u>Yes</u>
b. Written and long essay.	<u>Yes</u>
c. Multiple choice questions (MCQ)	<u>Yes</u>
d. True or false question with justifying answer.	<u>Yes</u>
e. Practical	<u>Yes</u>
f. logbooks.	<u>Yes</u>

5-A Assessment Schedule

Assignment. Quiz

Q1	Q2	Q3	Q4	Requirement
5	5	10	5	5

<i>Assessment</i>	Final Written	Practical/	Oral exam	Periodic evaluations
<i>Week</i>	June 2024	May 2024	June 2024	4 th week
				10 th week
				13 th week
				20 th week

Weighting of assessments

	Written	Practical	Oral Exam	Year work	Total
Mark	70	30	20	30	150
Weighting	46.6%	20%	13.3%	20%	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**