Faculty of Oral & Dental Medicine

Human Dentition

Information :

Course Code :	DHST 111	**Level :**	Undergraduate	**Course Hours :**	3.00- Hours

Department : Faculty of Oral & Dental Medicine

Instructor Information :

Title	Name	Office hours
Professor	Mona Fathy Abdel Maksoud Eldeeb	
Professor	AMANY AHMED RABEE MOHAMED OSMAN	1
Professor	Mona Fathy Abdel Maksoud Eldeeb	
Associate Professor	RANEEM FAROUK MOHAMED ADEEB OBEID	2
Associate Professor	RANEEM FAROUK MOHAMED ADEEB OBEID	2
Lecturer	Nehad Mostafa Abd El Monsif Mostafa	1
Assistant Lecturer	Aya Mohamed Reyad Ismaeil AbuHussein	
Assistant Lecturer	Yasmine Mohamed Hasan Elghazawy	
Assistant Lecturer	Esraa Gamal Hassan Mohamed	
Assistant Lecturer	Aya Mohamed Reyad Ismaeil AbuHussein	
Assistant Lecturer	Esraa Gamal Hassan Mohamed	
Assistant Lecturer	Yasmine Mohamed Hasan Elghazawy	
Assistant Lecturer	Ethar Sayed Mohamed Saeed	
Teaching Assistant	Esraa El Sayed Abdelaziz Abdelrahman	
Teaching Assistant	Amira Ahmed Elsawy Elgendy	
Teaching Assistant	Marina Hany Shokry Lwis	
Teaching Assistant	Nadine Ahmed Abdelhamid Ahmed Almallah	
Teaching Assistant	Merna Essam Abdelmalek Youssef	

Area Of Study :

ÅTo promote advanced knowledge about dental anatomy.
ÅTo provide expanded knowledge about human dentition (permanent anterior teeth and premolars).

Description :

1.Introduction about the oral cavity and teeth
2. The dentition of human being
3. Tooth anatomy
4. Line and point angles
5. Tooth identification systems
6. Anatomical landmarks of the crowns.
7. Surface anatomy of permanent anterior teeth.
8. Surface anatomy of premolars
9.Geometric outlines of the crowns and their significance

Course outcomes :	
a.Knowledge and Understanding: :	
1 -	Define the morphological features of different type of teeth and their pulp cavities.
2 -	Memorize the chronology
3 -	Define the different parts of the oral cavity.
4 -	Describe macro and micro anatomy of the teeth.
5 -	Name the appropriate tooth identification system needed in any dental practice.
6 -	Identify the anatomical landmarks of the crowns of teeth.
b.Intellectual Skills: :	
1 -	Identify permanent human teeth.
2 -	Differentiate between the different anatomical landmarks of the teeth.
c.Professional and Practical Skills: :	
1 -	Design the morphology of different types of human teeth
2 -	Create the normal shape and size of different permanent human teeth by carving.
d.General and Transferable Skills: :	
1 -	Learn the basis of scientific research

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Introduction Tooth anatomy & identification systems	5	1	4
Line & Point angles Elevations + models	5	1	4
Depressions Carving Trapezoid & Triangle + models	5	1	4
Upper central incisor Carving 1	5	1	4
Upper lateral incisor Carving 1	5	1	4
Lower incisors Carving Lower 2	5	1	4
Lower canine Carving 3 Carving Lower 2 Upper canine	5	1	4

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Upper 1st premolar Carving 3	5	1	4
Upper 2nd premolar Carving 4	5	1	4
Lower 1st premolar Carving 4	5	1	4
Lower 2nd premolar Identification of natural teeth (anterior teeth & premolars)	5	1	4

Teaching And Learning Methodologies :

01. Lectures using power point.

Lectures using videos

Lectures with discussions

Practical and small group sessa. Each practical session's preceded by slide tutorial demonstration, carving videos, drawing of different teeth and class discussions. b. Demonstration of tooth carving in small groups. ions:

Small discussion teaching

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
Final practical Examination	15.00		
Final term Examination	25.00		
Oral Examination	10.00		
Semester practical work	25.00		
Semester written Examination	25.00		

Course Notes :

ÅAll lectures are available for students as presentations on the moodle.
Å Handouts for certain topics uploaded on moodle.

Recommended books :

Textbooks: Mary Bath-Balogh,Margaret J. Fehrenbach, Dental Embryology
Histology and anatomy 4th Edition, 2015

Web Sites :

Science Direct
PubMed