

Faculty of Oral & Dental Medicine
Removable Prosthodontics Technology

Information :

Course Code : PROS 311 **Level :** Undergraduate **Course Hours :** 3.00- Hours

Department : Faculty of Oral & Dental Medicine

Instructor Information :

| Title | Name | Office hours |
|---------------------|--|--------------|
| Professor | Hesham Ibrahim Mostafa Alam EIDeen | 0 |
| Professor | Hussein Gamil Metwaly Elsharkawy | |
| Associate Professor | AHMED ABDELWAHED YOUSSEF SHAABAN | 1 |
| Associate Professor | Aya Mohamed Fawzy Hafez Ibrahim | 0 |
| Associate Professor | Hebatalla Mahmoud Hassan Elafandy | 4 |
| Lecturer | Ayman Sharif Mahmoud Fateen | |
| Assistant Lecturer | MOHAMED IBRAHIM ABDULSAMIE AHMED EMAM | |
| Assistant Lecturer | Diaa Mohamed Farid Mohamed Zahran | |
| Assistant Lecturer | Medhat Sameh Shehata Abdelaziz | 8 |
| Assistant Lecturer | Sonal Abdel Baseer Abdel Kader Abdel Aziz | |
| Assistant Lecturer | Mahmoud Saleh Mahmoud Mohamed Fayed | |
| Assistant Lecturer | Hossam Eldein Faisal Abdelaal Ahmed Haridy | |
| Teaching Assistant | Basant Mohamed Abdalla Elshafie | |
| Teaching Assistant | Mohamed Ehab Gamal Eldin El Boukhary | |
| Teaching Assistant | Yosra Mohamed Abdelmoneim Mohamed Elsayed Elfiky | |
| Teaching Assistant | Hadeer Nagy Abdo Elsayed Elragby | |
| Teaching Assistant | Mayar Mohamed Mohamed Abdelhalim Mohamed Khalifa | |

Area Of Study :

"This course is designed to familiarize the students with instruments, materials and laboratory procedures and techniques used for removable prosthodontics.
 "The laboratory and clinical procedures will be taught and their interdependence stressed.
 "The student will study the complete denture components and principles of complete denture design.

Description :

understanding complete denture Definition and terminology, anatomy and physiology in relation to complete denture construction, impression trays and impression techniques, relief and postdam, occlusion blocks, retention and stability, maxillomandibular relation, facebow and articulator, teeth selection and waxing up, denture processing and relining, rebasing and repair.

Course outcomes :

a. Knowledge and Understanding: :

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|------|--|
| 1 - | Describe the anatomy and physiology of the oral cavity |
| 2 - | Define different steps for complete denture construction |
| 3 - | Explain various mandibular movements |
| 4 - | Identify various types of impression trays |
| 5 - | Define retention and stability. |
| 6 - | Define relief and posterior palatal seal |
| 7 - | Define jaw relations |
| 8 - | List types of face bows and articulators |
| 9 - | List various of artificial teeth. |
| 10 - | Define balanced occlusion |
| 11 - | List steps of denture processing |
| 12 - | Describe remounting , repair , relining , and rebasing of dentures |

b. Intellectual Skills: :

| | |
|-----|--|
| 1 - | Interpret normal and abnormal edentulous anatomy and its relationship to |
| 2 - | Assess the typical problems that can occur during complete denture |
| 3 - | Make decisions regarding common technical discrepancies and faults |

c. Professional and Practical Skills: :

| | |
|-----|---|
| 1 - | Manipulate the dental materials necessary to fabricate a complete denture |
| 2 - | Use various instrument used in fabrication of complete dentures |
| 3 - | Perform the laboratory steps required to fabricate a complete denture |
| 4 - | Perform Repair for complete dentures |

d. General and Transferable Skills: :

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|-----|--|
| 1 - | Demonstrate appropriate professional attitudes and behavior in dealing |
| 2 - | Communicate effectively both verbally and in writing with other health |

Course Topic And Contents :

| Topic | No. of hours | Lecture | Tutorial / Practical |
|--|--------------|--|----------------------|
| Steps of complete denture construction, anatomy and physiology | 5 | Introduction + Steps of complete denture construct | |
| Impression trays and techniques | 5 | Extra oral Landmarks | |
| 3. Retention and stability relief and posterior palatal seal | 5 | Intra oral Landmarks | |
| TMJ and mandibular movements | 5 | Impression + Trays | |

Course Topic And Contents :

| Topic | No. of hours | Lecture | Tutorial / Practical |
|--|--------------|--|----------------------|
| Jaw relation record | 5 | Relief + Post dam | |
| Occlusion blocks. | 5 | Retention + Stability + first mid term | |
| Mandibular movements face bow, Articulators | 5 | Jaw relation + occlusion blocks | |
| Selection of artificial teeth arrangement, artificial balanced occlusion. | 5 | Mandibular movements | |
| Waxing up and processing remounting of dentures, repair, relining and rebasing | 5 | Articulators + Face bow | |

Teaching And Learning Methodologies :

Lectures

Laboratory training

Requirements

Demonstration

E-Learning

PBL

Course Assessment :

| Methods of assessment | Relative weight % | Week No | Assess What |
|-----------------------|-------------------|---------|--|
| Class Assessment | 20.00 | | |
| Final Examination | 25.00 | | to assess practical skills & intellectual skills |
| Mid-term Examination | 30.00 | | to assess knowledge and understanding |
| Oral Examination | 10.00 | | assess knowledge intellectual skills |
| Practical Examination | 15.00 | | |