

Faculty of Oral & Dental Medicine

Fixed Prosthodontics Technology

Information :

Course Code : FPROS 312 **Level :** Undergraduate **Course Hours :** 3.00- Hours

Department : Faculty of Oral & Dental Medicine

Instructor Information :

Title	Name	Office hours
Associate Professor	MOSTAFA ELSAYED MOHAMED ABOUSHAHBA	
Associate Professor	MOSTAFA ELSAYED MOHAMED ABOUSHAHBA	
Lecturer	Yasmine Mohamed Ashraf Elmaltawy	
Lecturer	Engy Ibrahim Hassan Shohdy Ibrahim Dahroug	
Lecturer	Engy Ibrahim Hassan Shohdy Ibrahim Dahroug	
Lecturer	Omar Hussein Mohamed Abdelbary	
Assistant Lecturer	Hend Abd El Moniem Mohamed Ahmed	
Assistant Lecturer	Heba Ahmed Hassan Elkhayat	
Assistant Lecturer	Yasmin Bassel Sayed Yehia Khulief	
Assistant Lecturer	Hend Abd El Moniem Mohamed Ahmed	
Assistant Lecturer	Mohamed Hamdy Abdulmaguied Mohamed Atta Shrmama	
Assistant Lecturer	Mai Salah EIDin Abdel Azim Mohamed	
Assistant Lecturer	Ahmed Farouk Gouda Hussein	
Teaching Assistant	Salam Ahmed Mohamed Ahmed Ouda	
Teaching Assistant	Dina Taher Abdelnaby Eltoukhy	
Teaching Assistant	Asmaa Ahmed Ibrahim Mohamed Montaser	
Teaching Assistant	Saif Eldine Wael Mohamed Wagdy Gharib	
Teaching Assistant	Asmaa Ahmed Ibrahim Mohamed Montaser	
Teaching Assistant	NOURHAN AMR AHMED AMIN HATHOUT	

Area Of Study :

“To educate the students about the basics of different principles of tooth preparation to receive veneered crown restorations.

“To enable the students to understand the different technical laboratory steps (dies , wax pattern , spruing , investing , and casting procedures).

Description :

- 1 Working casts and dies
- 2 Wax patterns methods and techniques .
- 3 Different metal alloys used for casting
- 4 Spruing
- 5 Investing
- 6 Casting and casting errors

Course outcomes :

a.Knowledge and Understanding: :

1 -	a3- Identify the different technical laboratory steps employed in construction of cast metal restorations.
2 -	a2- classify different types of dental casting alloys.
3 -	a1- Define the different principles of tooth preparation to receive veneered crown restorations

b.Intellectual Skills: :

1 -	b2- Identify different causes of casting failure.
2 -	b1- select properly different materials suitable for casting of different casting alloys.

c.Professional and Practical Skills: :

1 -	c3- construct wax pattern for all- ceramic crown
2 -	c2- construct wax pattern for veneered crown
3 -	c1- construct wax pattern for full veneer metal crown

d.General and Transferable Skills: :

1 -	D3. Use IT resources effectively.
2 -	D2. Manage time effectively
3 -	D1. Recognize the value and role of lifelong learning, self assessment and critical thinking in maintaining competency

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Working casts and dies			
Wax patterns methods and techniques .			
Different metal alloys used for casting			
Spruing			
Investing			
Casting and casting errors			

Teaching And Learning Methodologies :

Lectures
Laboratory sessions.
Demonstrations.
Practical requirement

