

1. Course Name: Prosthodontics
2. Course Code: 50203211
3. Semester / Year:2025/2026
4. Description Preparation Date: 2025-2026
5. Available Attendance Forms: weekly
6. Number of Credit Hours (Total) / Number of Units (Total) 30 hours theoretical + 120 hours laboratory
7. Course administrator's name (mention all, if more than one name) assistant lecturer sarah.j.ali E-mail sarah.jassim@muc.edu.iq

8. Course Objectives	
Course Objectives	The course aims to provide students with a solid understanding of prosthodontic principles, including the restoration and replacement of teeth. Students will learn to identify different types of dental prostheses, select appropriate materials, apply fabrication and fitting techniques, evaluate patient-specific factors, and manage complications.

9. Teaching and Learning Strategies	
Strategy	Teaching prosthodontics combines theoretical knowledge with practical and clinical skills. Lectures introduce core concepts, while demonstrations and preclinical lab sessions allow students to practice procedures like denture fabrication and crown placement on models.

1. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	1 theoretical + 4 Lab	Definitions and terminology of complete denture pouring molds of upper edentulous arch	Introduction	Lecture (power point)& lab	Practical and theoretical quiz every 2 weeks
2	1 theoretical + 4 Lab	Stress bearing area of maxillary arch limiting and relieving area, pouring mold	Anatomical landmarks of maxillary arch	Lecture (power point)& lab	Practical and theoretical quiz every 2 weeks

		of lower edentul arch			weeks
3	1 theoretical + 4	Stress bearing ar limiting and reli area of mandibul arch, Cast of the lower arch	Anatomical landmarks of mandibular	Lecture (power point)& lab	Practical and theoretical quiz every 2 weeks
4	1 theoretical + 4	Primary impress trays , materials techniques, tray upper arch	Impression of complete denture	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
5	1 theoretical + 4	final impression, trays, materials, and techniques tray of upper arch	Impression of complete denture	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
6	1 theoretical + 4 Lab	final impression techniques, tray lower arch	Impression of complete denture	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
7	1 theoretical + 4 Lab	final impression techniques, tray lower arch	Impression of complete denture	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
8	1 theoretical + 4 Lab	Upper record bas and bite rim	Jaw relation	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
9	1 theoretical + 4 Lab	lower record bas and bite rim	Jaw relation	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
10	1 theoretical + 4 Lab	Definitions and lower record bas and bite rim	Jaw relation	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
11	1 theoretical + 4 Lab	Vertical dimensi and vertical relat	Jaw relation	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
12	1 theoretical + 4 Lab	Problems associ with improper vertical dimensi	Jaw relation	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
13	1 theoretical + 4 Lab	Methods of recording vertica relations	Jaw relation	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
14	1 theoretical + 4 Lab	Articulators and face bow	Jaw relation	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks

15	1 theoretical + 4 Lab	Mounting of the casts on the articulators	Jaw relation	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
16	1 theoretical + 4 Lab	Selection of artificial teeth and arrangement of upper anterior teeth	Arrangement of artificial teeth	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
17	1 theoretical + 4 Lab	Selection of the artificial posterior teeth and arrangement of upper anterior artificial teeth	Arrangement of artificial teeth	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
18	1 theoretical + 4 Lab	Arrangement of lower anterior artificial teeth	Arrangement of artificial teeth	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
19	1 theoretical + 4 Lab	Arrangement of posterior artificial teeth, arrangement of lower anterior artificial teeth	Arrangement of artificial teeth	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
20	1 theoretical + 4 Lab	Concepts of occlusion and factors affect occlusion, arrangement of posterior artificial teeth	Occlusion	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
21	1 theoretical + 4 Lab	Check the horizontal and vertical relations esthetic, phonetic and teeth setting arrangement of upper posterior artificial teeth	Trial visit	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
22	1 theoretical + 4 Lab	Addition of wax carving of denture external surface, arrangement of lower posterior artificial teeth	Waxing & carving	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
23	1 theoretical + 4 Lab	Materials of denture base and layers of denture processing arrangement of lower posterior artificial teeth	Processing of complete denture	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
24	1 theoretical + 4 Lab	Elimination of wax and adding the acrylic material of denture base, add wax and carving	Mix and adding the heat cure acrylic material	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
25	1 theoretical + 4 Lab	Packing and Methods of curing processing methods	Packing & curing	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks

					weeks
26	1 theoretical + 4 Lab	Deflasking and remounting for selective grinding wax elimination	Deflasking	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
27	1 theoretical + 4 Lab	Final steps and polishing, materials and tools used in polishing, adding and processing of acrylic	Final steps and polishing	Lecture (power point)& lab	Practical and theoretical quiz every 2 weeks
28	1 theoretical + 4 Lab	Insertion of complete denture in the mouth, final step and polishing	Steps of insertion of complete denture in the mouth	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
29	1 theoretical + 4 Lab	Relining and rebasing, stages, materials, and methods used, final steps and polishing	Denture Relining and rebasing	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks
30	1 theoretical + 4 Lab	Causes and methods of repair and fracture complete denture, review	Repair of complete denture	Lecture (power point)&lab	Practical and theoretical quiz every 2 weeks

2. Course Evaluation

3. Learning and Teaching Resources

Required textbooks (curricular books and any)	1. Textbook of complete denture 6th edition updated 2009 2. Dental laboratory technology for removable prosthodontics
Main references (sources)	1. Textbook of complete denture 6th edition updated 2009 2. Dental laboratory technology for removable prosthodontics
Recommended books and references (scientific journals, reports...)	Journal of prosthetic dentistry.
Electronic References, Websites	العراقية الافتراضية المكتبة

Course Description Form

