

Course Description Form

1. Course Name:	
Conservative Dentistry (Crown and Bridge)	
2. Course Code: ZUDE0302	
3. Semester / Year: 2025-2026	
Annual	
4. Description Preparation Date:	
15/8/2025	
5. Available Attendance Forms:	
Weekly	
6. Number of Credit Hours (Total) / Number of Units (Total)	
30 hours (Theoretical) + 60 hours (Practical). /60 units	
7. Course administrator's name (mention all, if more than one name)	
Name: wasan abd-alrudha hasan Email: was an.abd@alzahu.edu.iq Name: sundus mohammad ali Email: sundus.mohammad@alzahu.edu.iq	
8. Course Objectives	
Course Objectives	Knowledge the basic rules of planning and making of crown and bridge, in addition to know the material and instruments used to construct the fixed restoration. In addition, learning the lab procedures.
9. Teaching and Learning Strategies	
Strategy	Using modern electronic means in addition to sources and references related to dental treatment sciences, including crowns and bridges (fixed prostheses), in addition to video clips and practical experiments to achieve a complete understanding of the vocabulary and practical application on (phantom heads) in the special phantom laboratory for dental treatment in accordance with international standards.

10.Course structure					
Week	Hours	Subject name	Required learning outputs	Learning method	Assessment method
1+2	2theory +4 practice	Introduction to crown and bridge	Learning the nomenclature of crown and bridge	Power Point lec.+ clinical work	Theoretical and practical exams (weekly and

					monthly).
3	1theory+ 2 practice	Finishing line of preparation	Learning types, position of finish line	Power Point lec.+ clinical work	Theoretical and practical exams (weekly and monthly).
4+5	2theory+ 4 practice	Principles of tooth preparation	Learning the principles of preparation to get success result	Power Point lec.+ clinical work	Theoretical and practical exams (weekly and monthly).
6	1theory+ 2 practice	Full metal crown	Learning the indication, contraindication, of full metal crown	Power Point lec.+ clinical work	Theoretical and practical exams (weekly and monthly).
7	1theory+ 2 practice	Metal-Ceramic crown	Learning the indication, contraindication, of ceramic-metal crown	Power Point lec.+ clinical work	Theoretical and practical exams (weekly and monthly).
8	1theory+ 2 practice	All ceramic crown	Learning the indication, contraindication, of ceramic crown	Power Point lec.+ clinical work	Theoretical and practical exams (weekly and monthly).
9+10	2theory+ 4 practice	Partial crown	Learning the indication, contraindication, of partial crown	Power Point lec.+ clinical work	Theoretical and practical exams (weekly and monthly).

11	1theory+ 2 practice	Post crown	Learning the indication, contraindication, of post crown, method of prep.	Power Point lec.+ clinical work	Theoretical and practical exams (weekly and monthly).
12	1theory+ 2 practice	Impression for crown and bridge	Learning the material and techniques of impression	Power Point lec.+ clinical work	Theoretical and practical exams (weekly and monthly).
13	1theory+ 2 practice	Gingival retraction	Learning the objective and techniques of gingival retraction	Power Point lec.+ clinical work	Theoretical and practical exams (weekly and monthly).
14	1theory+ 2 practice	Provisional restoration	Learning the objective and techniques of temporary restoration	Power Point lec.+ clinical work	Theoretical and practical exams (weekly and monthly).
15+16	2theory+ 4 practice	Waxing	Learning the objective and techniques of waxing	Power Point lec.+ clinical work	Theoretical and practical exams (weekly and monthly).
17+18	2theory+ 4 practice	Working cast and die	Learning the material and techniques of making cast and die	Power Point lec.+ clinical work	Theoretical and practical exams (weekly and monthly).

19	1theory+ 2 practice	Investing, Casting , finishing and polishing	Learning the different techniques for fabrication of cast crown	Power Point lec.+ clinical work	Theoretical and practical exams (weekly and monthly).
20+21	2theory+ 4 practice	Try in and cementation	Learning the procedure of try in step and material used for cementation	Power Point lec.+ clinical work	Theoretical and practical exams (weekly and monthly).
22	1theory+ 2 practice	Advanced procedures (CAD/CAM)	Learning the meaning, advantages, of CAD/CAMand comparison of digital and conventional impression	Power Point lec.+ clinical work	Theoretical and practical exams (weekly and monthly).

11. Course evaluation

Daily, semester, mid-year and final theoretical exams + practical application on the mannequin in the laboratory

12.Text book and references

Contemporary Fixed prosthodontics/ 4th edition

Fundamentals of fixed prosthodontics/ 3rd edition

Scientific journals in the field of dentistry

Internet sites University of alzahrawi e-learning site