

Course Description Form

1. Course Name:	
Pediatric dentistry	
2. Course Code: ZUDE0507	
3. Semester / Year: 2025-2026	
Annual	
4. Description Preparation Date:	
11/8/2025	
5. Available Attendance Forms:	
Daily at theoretical lectures and clinical practice	
6. Number of Credit Hours (Total) / Number of Units (Total)	
30 hours (Theoretical) + 75 hours (Practical). (1 theoretical hours and 2.5 practical hours week)	
7. Course administrator's name (mention all, if more than one name)	
Name: Rihab Abd-al-Hussain Email: rihab.ali@alzahu.edu.iq	
8. Course Objectives	
Course Objectives	Providing students with the basic concepts of pediatric dentistry, diagnostic methods, and providing appropriate treatment for each case through a correct understanding of the patient's medical history. It also aims to guide students and provide them with complete knowledge of all treatment methods and to choose the appropriate method and material for each patient in a scientific and safe manner.
9. Teaching and Learning Strategies	
Strategy	The following strategies are used to teach pediatric dentistry: Interactive learning, which involves engaging students in discussions and questions for a deeper understanding of the material; Case-based learning, which focuses on the analysis of realistic clinical cases to apply theoretical knowledge in practice; Practical training and supervision, to develop skills in clinical setting under direct supervision; and Problem-based learning, which encourages critical thinking and solving clinical challenges through teamwork. These strategies help prepare students for safe and effective practice in pediatric dentistry.

10.Course structure					
Week	Hours	Subject name	Required learning outputs	Learning method	Assessment

					method
1	1	Diagnosis and treatment planning	Learn how to do proper diagnosis	Power point and direct clinical work	Quiz
2	1	Preliminary medical and dental history	Learn to take history of patient	Power point and direct clinical work	Clinical work and quiz
3	1	Art and science of behavior management	Learn how to manage child behavior	Power point and direct clinical work	Clinical work and quiz
4	1	Non pharmacologic management of patient behavior	Learn hoe chose the right method to manage child behavior	Power point and direct clinical work	Clinical work and quiz
5	1	Pharmacologic management of patient behavior	Learn how chose the right pharmacologic method	Power point	Quiz
6	1	Sedation in pediatric dentistry	Learn about the sedative agent in dentistry	Power point	Quiz
7	1	Management of traumatic injuries to the teeth and supporting tissue of children	Learn to manage traumatic injuries to teeth	Power point	Quiz
8	1	Classification of injuries of the primary teeth and it effect on permanent teeth	Learn how to classify the injuries to teeth.	Power point	Quiz
9	1	Traumatic injuries of the primary teeth and it effect on the permanent teeth	Learn about the effect of the injury on the permanent teeth	Power point	Quiz
10	1	Treatment of injury of permanent teeth, emergency treatment, temporary restoration	Learn about injures of the permanent teeth	Power point	Quiz
11	1	Advance in pediatric dentistry: advance in diagnostic aids, advances in cavity preparation methods	Learn about the advance pediatric dentistry	Power point	Quiz
12	1	Advances in endodontics, advances in local anesthesia	Learn about advance in local anesthesia	Power point	Quiz
13	1	Advance in restorative materials, advance in surgical procedures, miscellaneous	Learn about advances in restorative procedure	Power point	Quiz
14	1	Acquired disturbances of oral structures	Learn about acquired disturbance	Power point	Quiz

15	1	Developmental disturbance of oral structures	Learn about Developmental disturbance	Power point	Quiz
16	1	Gingivitis and periodontal disease in children	Learn about of Gingivitis and periodontal disease in children	Power point	Quiz
17	1	Acute candidacies(thrush), acute bacterial infection, chronic non specific gingivitis, gingival disease modified by systemic factors	Learn about Acute candidacies(thrush), acute bacterial infection	Power point	Quiz
18	1	Gingival lesions of genetic origin, ascorbic acid deficiency gingivitis	Learn about Gingival lesions	Power point	Quiz
19	1	Periodontal disease in children, early onset periodontitis, prepubertal periodontitis, localized juvenile periodontitis	Learn about Periodontal disease in children	Power point	Quiz
20	1	Papillon-lefever syndrome, gingival recession, extrinsic stain and deposits on teeth.	Learn about syndrome and g. recession and stain	Power point	Quiz
21	1	Management of space problems, planning for space maintenance, loss of primary incisors	Learn about space problems, and space maintenance	Power point	Quiz
22	1	Space maintenance for the first and second primary molar and the primary canine are, premature loss of second primary molar	Learn how to maintain the molar space	Power point	Quiz
23	1	Loss of second primary molar before eruption of the first permanent molar, areas of multiple primary molar loss	Learn how to manage multiple tooth loss	Power point	Quiz
24	1	Development of dental arch and occlusion	Learn about occlusion development	Power point	Quiz
25	1	Arch length analysis	Learn how analyses the arch length	Power point	Quiz
26	1	Dental problems of the disabled child	Learn about problems of the disabled child	Power point	Quiz
27	1	Mental disability, down syndrome, intellectual disability, learning disability	Learn about Mental disability, down syndrome, intellectual disability, learning disability	Power point	Quiz
28	1	Fragile x syndrome, cerebral palsy, autism.	Learn Fragile x syndrome, cerebral palsy, autism	Power point	Quiz
29	1	Respiratory diseases, hearing loss, visual impairment, epilepsy	Learn Respiratory diseases, hearing loss, visual impairment, epilepsy	Power point	Quiz

30	1	Heart disease, hemophilia, sickle cell anemia, viral hepatitis, AIDS, children with systemic diseases	Learn Heart disease, hemophilia, sickle cell anemia, viral hepatitis, AIDS, children with systemic diseases	Power point	Quiz
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11- Course Evaluation	
• Midyear written exam: 15 marks • Annual pursuit: 25 marks • Final clinical exam: 20 marks • Final written exam; 40 marks	
12- Learning and Teaching Resources	
Required textbooks (curricular books, if any)	McDonald and Avery Dentistry for the Child and Adolescent .2011 (Ninth Edition) ISBN 978-0-323- 28745-6, MOSBY ELSEVIER3251 Riverport LaneMaryland Heights, Missouri 63043.
Main references (sources)	Handbook of Pediatric Dentistry .2013Fourth edition 20 ISBN 9780723436959, British Library Cataloguing Publication Data
Recommended books and references (scientific journals, reports...)	European Journal of pediatric dentistry
Electronic References, Websites	Google .com