

## Course Description Form

1. Course Name:	
Pediatric Dentistry / 5 <sup>th</sup> class	
2. Course Code:	
3. Semester / Year:	
Year	
4. Description Preparation Date:	
١١/٩/2024	
5. Available Attendance Forms:	
6. Number of Credit Hours (Total) / Number of Units (Total)	
120 hours / 5 credits	
7. Course administrator's name (mention all, if more than one name)	
Name: Prof. Dr. Baydaa Ali Othman Email: <a href="mailto:baydaa.alrawi@ibnsina.edu.iq">baydaa.alrawi@ibnsina.edu.iq</a>	
8. Course Objectives	
1- Teaching how to carry out a diagnosis and treatment plan for pediatric patients. 2-Learn radiological examination techniques and ways to reduce the effect of radiation on the child. 3- The student learned how to treat deep caries, treat vital pulp, and pulpless teeth (endodontic treatments in children) 4- The student will be able to know the differences between baby and permanent teeth, and the times of eruption of these teeth. 5- Learn how to design space-preserving appliances after early extraction of baby teeth. 6-The student must be able to treat patients with special needs. 7- Teaching the student methods of administering anesthesia to children.	
9. Teaching and Learning Strategies	
<b>Strategy</b>	1. Microsoft power point lecture method 2. Discussion method. 3. Report method. 4. The hip shop method. 5. Practical training in educational clinics located in the college.

## 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	1 theory 3 clinical	Diagnosis and treatment planning	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
2	1 theory 3 clinical	Preliminary medical and dental history	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
3	1 theory 3 clinical	Art and science of behavior management	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
4	1 theory 3 clinical	Non pharmacologic management of patient behavior	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
5	1 theory 3 clinical	Pharmacologic management of patient behavior	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
6	1 theory 3 clinical	Sedation in pediatric dentistry	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
7	1 theory	management of	Pediatric	Microsoft	Daily,

	3 clinical	traumatic injuries to the teeth and supporting tissues of children,	Dentistry	power point lecture method, Discussion method., Report method, Practical works	weekly, monthly exam, mid-year and final exam
۸	1 theory 3 clinical	classification of injuries to the anterior teeth of children classification methods of clinical examination	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
۹	1 theory 3 clinical	Traumatic injuries of the primary teeth and its effect on permanent teeth	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
۱۰	1 theory 3 clinical	Treatment of injury of permanent teeth, emergency treatment, temporary restoration of traumatic teeth	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
۱۱	1 theory 3 clinical	Advances in Pediatric Dentistry: Advances in diagnostic aids, Advances in cavity preparation methods	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
۱۲	1 theory 3 clinical	Advances in endodontics, Advances in local anesthesia	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
۱۳	1 theory 3 clinical	Advances in restorative materials, Advances in surgical procedures,	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report	Daily, weekly, monthly exam, mid-year and

		miscellaneous		method, Practical works	final exam
١٤	1 theory 3 clinical	Acquired disturbances of oral structures	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
١٥	1 theory 3 clinical	Developmental disturbances of oral structures	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
١٦	1 theory 3 clinical	Gingivitis and periodontal disease in children:	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
١٧	1 theory 3 clinical	Acute candidacies (thrush), acute bacterial infection, chronic non specific gingivitis, gingival diseases modified by systemic factors.	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
١٨	1 theory 3 clinical	Gingival lesions of genetic origin, ascorbic acid deficiency gingivitis.	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
١٩	1 theory 3 clinical	Periodontal diseases in children, early onset periodontitis, prepubertal periodontitis, localized	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam

		juvenile periodontitis.			
۲۰	1 theory 3 clinical	Papillon – Lefevre syndrome, gingival recession, extrinsic stains and deposits on teeth	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
۲۱	1 theory 3 clinical	Management of space problems, planning for space maintenance, loss of primary incisors	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
۲۲	1 theory 3 clinical	Space Maintenance for the First and Second Primary Molar and the Primary Canine Area, premature loss of second primary molar	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
۲۳	1 theory 3 clinical	Loss of the Second Primary Molar Before Eruption of the First Permanent Molar, Areas of Multiple Primary Molar Loss	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
۲۴	1 theory 3 clinical	Development of dental arch and occlusion	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
۲۵	1 theory 3 clinical	Arch length analysis;	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam

٢٦	1 theory 3 clinical	Dental problems of the disabled child	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
٢٧	1 theory 3 clinical	Mental disability, Down syndrome, Intellectual disability, Learning disability	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
٢٨	1 theory 3 clinical	Fragile X syndrome, cerebral palsy, autism,	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
٢٩	1 theory 3 clinical	Respiratory diseases, hearing loss, visual impairment, epilepsy	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam
٣٠	1 theory 3 clinical	Heart disease, hemophilia, sickle cell anemia, viral hepatitis, AIDS, children with systemic diseases	Pediatric Dentistry	Microsoft power point lecture method, Discussion method., Report method, Practical works	Daily, weekly, monthly exam, mid-year and final exam

## 11. Course Evaluation

Distributing the score out of 100 according to the followings: 25% first and second semesters. 15% mid year exam, 60% final exam

## 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 ELSEVIER 3251 Riverport Lane Maryland Heights, Missouri 63043.
Main references (sources)	Handbook of Pediatric Dentistry .2013 Fourth edition 2013, ISBN 9780723436959, British Library Cataloguing in Publication Data
Recommended books and references (scientific journals, reports...)	<ul style="list-style-type: none"><li>• Journal of Dentistry for Children.</li><li>• Journal of Clinical Pediatric Dentistry.</li><li>• International Journal of Paediatric Dentistry.</li><li>• European archives of paediatric dentistry : official journal of the European Academy of Paediatric Dentistry.</li><li>• Journal of Dental Traumatology.<ul style="list-style-type: none"><li>• Pediatric Dental Journal.</li><li>• Journal of Dentistry for Children.</li></ul></li></ul>
Electronic References, Websites	American Academy of Pediatric Dentistry <a href="https://www.aapd.org/">https://www.aapd.org/</a> The International Association of Dental Traumatology (IADT)