



**Jordan University of Science and Technology**  
**Faculty of Applied Medical Sciences**  
**Allied Dental Sciences Department**

ADS333 Peadodontics & Orthodontics Lab

First Semester 2021-2022

**Course Catalog**

1 Credit Hours. One clinical session per week lasts 3 hours, students are required to attend all clinic session. Students will be introduced to most dental procedures and be prepared to prevent and manage dental procedures during a clinical setting. Introduce the 3rd-year Allied Dental sciences students to the different programs and procedures offered to the different patients in need.

**Text Book**

|                          |                                   |
|--------------------------|-----------------------------------|
| <b>Title</b>             | Essentials of Pediatric Dentistry |
| <b>Author(s)</b>         | kanchan harikishan asnani         |
| <b>Edition</b>           | 1st Edition                       |
| <b>Short Name</b>        | 2010                              |
| <b>Other Information</b> |                                   |

**Course References**

| Short name | Book name                  | Author(s)         | Edition     | Other Information |
|------------|----------------------------|-------------------|-------------|-------------------|
| 2020       | essentials of orthodontics | sridhar premkumar | 4th Edition |                   |

**Instructor**

|                        |  |
|------------------------|--|
| <b>Name</b>            | <b>Mrs. Reem Tubaishat</b>   |
| <b>Office Location</b> | Faculty of Applied Medical Sciences/ Second Floor  |
| <b>Office Hours</b>    | Sun : 12:00 - 13:00<br>Sun : 13:00 - 14:00<br>Tue : 12:00 - 13:00<br>Wed : 12:00 - 13:00<br>Thu : 10:00 - 11:00<br>Thu : 12:00 - 13:00 |
| <b>Email</b>           | reemsafa@just.edu.jo   |

| Class Schedule & Room |   |
|-----------------------|---|
| Section 1:            | Lecture Time: Sun : 14:00 - 16:00<br>Room: HOSPITAL |
| Section 2:            | Lecture Time: Wed : 14:00 - 16:00<br>Room: LAB      |

| Tentative List of Topics Covered |  |            |
|----------------------------------|--|------------|
| Weeks                            | Topic  | References |
| Week 1                           | Introduction to the course/ syllabus distribution  |            |
| Week 2                           | Examination, diagnosis, and practicing in the dental examination sheet for a child patient (Dental Charting)   |            |
| Week 3                           | Understanding behavior management for children/ handling the syringe, identify the components of syringe, carpule, and needle  |            |
| Week 4                           | Introduction to preventive dentistry, identify some dental materials used in preventive pedodontics such as: sealant, acid etch, fluoride, composite, besides identify dental instruments used for the same purpose. |            |
| Week 5                           | Applying fluoride on each other in the dental clinic   |            |
| Week 6                           | Applying sealant on each other in the dental clinic  |            |
| Week 7                           | Step- by- step stainless steel crowns procedure, and the role of DA in assisting in this procedure   |            |
| Week 8                           | Step- by- step space maintainer procedure, and the role of DA in assisting in this procedure, mixing alginate impression   |            |
| Week 9                           | Trauma management, and the role of DA in assisting in this procedure, identify instruments needed for extraction   |            |
| Week 10                          | midterm  |            |
| Week 11                          | Oral Hygiene and Dietary Instructions  |            |
| Week 12                          | Understanding occlusion/ etiology of malocclusion  |            |
| Week 13                          | Removable appliances/ identify instruments and components  |            |
| Week 14                          | Fixed orthodontic appliances/ identify instruments and components (cont,)  |            |

|         |                |  |
|---------|----------------|--|
| Week 15 | preparing POIs |  |
| Week 16 | revision       |  |

| Mapping of Course Outcomes to Program Student Outcomes                      | Course Outcome Weight (Out of 100%) | Assessment method |
|---|-------------------------------------|-------------------|
| Introduce students to all most dental procedures done in Orthodontic clinic | 30%                                 |                   |
| Learn how to mix all dental materials used in Orthodontic clinic            | 30%                                 |                   |
| Learn how to manage misbehave child in the dental setting                   | 20%                                 |                   |
| Learn how to prepare instruments and materials before the treatment session | 10%                                 |                   |
| Learn about the various types of treatments for malocclusion                | 10%                                 |                   |

Date Printed: 2021-11-12