

**The University of Jordan**  
**Faculty of Dentistry**  
**Department of Oral Surgery, Oral Medicine and Periodontology**

**Course Title:** Paediatric Laboratory-1

**Course Code:** 1303488

**Prerequisite:** None

**Course Coordinator:** Dr Hawazen Sonbol

**Year:** 4<sup>th</sup> year, second semester

**Credit:** 1 credit hour

**Prerequisite for:** clinic patient treatment of paediatric patients during the 5<sup>th</sup> year

**Instructor:**

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**Course Objectives:**

- Patient examination and history specifically oriented to paediatric patients
- Treatment planning and incorporation of prevention in this plan
- Introduction of dental materials and techniques used in paediatric dentistry with a hands-on approach
- Discussion of behaviour management and local anaesthetic techniques and how they are used in the clinic
- Seminar preparation and discussion of 'new' techniques and certain medical disorders relevant to paediatric dentistry

**Learning Outcomes:**

Successful completion of this module should lead to the following learning outcomes:

**A. Knowledge and Understanding (student should)**

A1) Be able to take a complete history and perform a dental examination including aspects of occlusion and dentition development relevant to paediatric patients.

A2) Be able to write a treatment plan including the categories of prevention, restorations, surgical procedures, space maintenance, consultations and review and recall.

**B. Intellectual skills - with ability to**

B1) Employ and choose behaviour management techniques for each paediatric patients

B2) Employ the knowledge of dental materials and techniques available to paediatric dentistry and the reason these techniques are used specifically for paediatric patients.

### C. Subject specific skills – with ability to

C1) To apply the theoretical knowledge given in the lectures in a clinical perspective and hands-on technique with discussion specific to paediatric dentistry

### D. Transferable skills – with ability to

D1) Strike the balance between self-reliance and seeking help when necessary.

D2) Display an integrated approach to the deployment of communication skills.

#### Teaching methods:

- Duration: 16 weeks, 16 hours in total.
- Laboratory: 14 hours, 1 per week + two weeks for exams.

#### Modes of assessment:

- Requirements -- 60 points
  - Seminars -10 points
  - Quizzes - 20 points
  - Practical work – 30 points
- Final Exam: 40 points, MCQs.

#### Attendance policy:

Laboratory attendance is obligatory.

#### Expected workload:

On average you should expect to spend between 2 and 4 hours per week on this course.

#### Course Content & Weight:

Week	Topic
1	Examination, History
2	Differences between primary and permanent teeth
3	Treatment planning 1
4	Treatment planning 2
5	Behaviour management
6	Local anaesthesia
7	Prevention in the dental clinic – fluoride and diet sheets
8	Fissure sealants
9	Preventive Resin Restoration

10	Dental Materials
11	Pulpotomy
12	Stainless Steel Crowns
13	Space maintainers:
14	Pulp therapy of immature permanent teeth
15	Final Exam

### **Feedback:**

Concerns or complaints should be expressed in the first instance to the course instructor. If no resolution is forthcoming then the issue should be brought to the attention of the Department Chair and if still unresolved to the Dean. Questions about the material covered in the lectures, notes on the content of the course, its teaching and assessment methods can be also sent by e-mail.

### **References and Supporting Material:**

1. *Strongly recommended:*

**Paediatric Dentistry, 3<sup>rd</sup> edition, Welbury, Duggal, Hosey, Oxford 2005**