



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

TDEN234 Fixed Prosthodontics (1) Practical - JNQF Level: 7

Second Semester 2023-2024

**Course Catalog**

2 Credit Hours. This course is designed to the undergraduate students at the 2nd year. it is 2 Credit hours course. The course will equip the students with the training necessary to attain skill in the various laboratory procedures involved in the fabrication of cast metal and metal ceramic crowns.

**Teaching Method:** On Campus

**Instructor**

|                 |   |
|-----------------|---|
| Name            | <b>Mrs. Elina Al Twal</b>                                 |
| Office Location | Faculty of Applied Medical Sciences building-Second Floor |
| Office Hours    |   |
| Email           | eqaltwal@just.edu.jo                                      |

**Class Schedule & Room**

Section 1:  
 Lecture Time: Mon : 09:30 - 15:30  
 Room: LAB

| <b>Mapping of Course Outcomes to Program Outcomes and NQF Outcomes</b>  | <b>Course Outcome Weight (Out of 100%)</b> | <b>Assessment method</b> |
|---|--|--------------------------|
| Gaining the necessary training in the various laboratory steps involved in the fabrication of metal cast and metal ceramics crowns such as fabrication of working cast and die, mounting, spruing investing, casting and finishing of fixed prosthesis [1PLO 2] [1L7S2] | 30%  |                          |
| Gaining the necessary skills needed in reproducing the morphology and contour of the natural teeth [1PLO 2] [1L7S2]   | 25%  |                          |
| Gaining the necessary skills needed in wax and metal framework design, porcelain shade selection and porcelain application and build up for metal ceramic restorations [1PLO 2] [1L7S2]   | 25%  |                          |

|  |     |  |
|--|-----|--|
| Gaining the necessary training on how to fabricate a restoration that is compatible with the occlusion in the oral cavity [1PLO 2] [1L7S2] | 20% |  |
|--|-----|--|

**Relationship to Program Student Outcomes (Out of 100%)**

| PLO 1 | PLO 2 | PLO 3 | PLO 4 | PLO 5 | PLO 6 | PLO 7 | PLO 8 | PLO 9 | PLO 10 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
|       | 100   |       |       |       |       |       |       |       |        |

**Relationship to NQF Outcomes (Out of 100%)**

|      |
|------|
| L7S2 |
| 100  |

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