

## *The Hebrew University of Jerusalem*

### *Syllabus*

### *Fantom - 97942*

*Last update 11-12-2013*

*HU Credits:* 3

*Degree/Cycle:* 1st degree (Bachelor)

*Responsible Department:* Department of Prosthodontics, Faculty of Dental Medicine

*Academic year:* 1

*Semester:* 2nd Semester

*Teaching Languages:* Hebrew

*Campus:* Ein Karem

*Course/Module Coordinator:* Dr. Eldad Irani

*Coordinator Email:* [eldentist@bezeqint.net](mailto:eldentist@bezeqint.net)

*Coordinator Office Hours:* Sunday 13:00- 15:00

*Teaching Staff:*

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Eldad Irani  
Gilad Bengal

Course/Module description:

*Training in cavity preparation, preliminary exposure to basic concepts in restorative dentistry, introduction to restorative materials and the use of basic dental appliances.*

Course/Module aims:

- 1. Develop basic manual dexterity skills required for restorative dentistry.*
- 2. Familiarize the student with the basic principles of cavity preparation.*
- 3. Familiarize the student with the dental clinical environment.*
- 4. Train the student in evaluating dental cavities*

Learning outcomes - On successful completion of this module, students should be able to:

- Prepare cavities in a composite plate based on specific guidelines.*
- List the relevant parameters for cavity preparation.*
- Evaluate, criticize and correctly grade cavity preparations.*

Attendance requirements(%):

80%

Teaching arrangement and method of instruction: Labs

Course/Module Content:

- Introduction to restorative dentistry*
- Principals of tooth preparation*
- Restorative materials*
- Principals of cavity evaluation*
- Preparation of cavities in various geometric shapes*

Required Reading:

*Sturdevant's Art and Science of Operative Dentistry 5th Editio, Fundamentals in Tooth Preparation- chapter 6.*

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Additional Reading Material:

None

Course/Module evaluation:

End of year written/oral examination 0 %

Presentation 0 %

Participation in Tutorials 0 %

Project work 0 %

Assignments 0 %

Reports 0 %

Research project 0 %

Quizzes 0 %

Other 100 %

Additional information:

Module evaluation:

o Written Test – 10%

o Practical Examination – 90%

o Continuous assessment of practical work

Additional information:

Passing grade -70