



Syllabus

INTRODUCTION TO FORENSIC SCIENCE - 61806

Last update 01-10-2016

HU Credits: 2

Responsible Department: criminology

Academic year: 0

Semester: 1st Semester

Teaching Languages: Hebrew

Campus: Mt. Scopus

Course/Module Coordinator: Professor Joseph Almog

Coordinator Email: almog@mail.huji.ac.il

Coordinator Office Hours: By personal appointment

Teaching Staff:

Prof Joseph Almog

Course/Module description:

The terms forensic science, criminalistics and expert opinion will be explained;

criminal investigations which have been resolved by scientific methods will be presented and discussed; and the concept of proactive forensic science will be demonstrated and discussed.

Course/Module aims:

The students will acquire basic understanding of forensic science; recognize the scope and limitations of the application of scientific techniques for resolving crimes; and understand the requirements from the expert witness.

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

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Understand how forensic scientists are using tools such as fingerprints or DNA for identification of single persons; and will have basic understanding of analysis of illicit drugs and poisons; in scientific investigation of bomb and arson cases; in forensic ballistics and technical examination of documents and of toolmarks.

Attendance requirements(%):

2/3

Teaching arrangement and method of instruction: Frontal lecture with frontal lecture with Power Point presentation.

Homework twice or three times during the course.

Course/Module Content:

Introduction and basic terms; historical survey; crime scene and its importance to the investigation; identification of individual persons; fingerprints (detection and identification) and their evidential value in court; forensic biology before and after the development of forensic DNA; questioned documents (handwriting and technical examinations); illicit drugs, designer drugs; the illicit drugs act; selected court verdicts; unsolved problems in forensic science.

Required Reading:

Jacob Kedmy: "Al Hareaiot" (Evidence), part 2

Supreme Court verdicts (various)

Additional Reading Material:

Saferstein, Criminalistics: Introduction to Forensic Science, 10th edition

Course/Module evaluation:

End of year written/oral examination 100 %

Presentation 0 %

Participation in Tutorials 0 %

Project work 0 %

Assignments 0 %

Reports 0 %

Research project 0 %

Quizzes 0 %

Other 0 %

Additional information: