



INTERPOL



FORENSICS

FORENSIC SCIENCE AND CRIME SCENE PROTECTION COURSE

Forensic Science and Crime Scene Protection Course

The initial handling of a crime scene can define the overall investigation. The first response officer is the main responsible for an effective manipulation from crime scene to conviction. This heavy duty obliges him to be knowledgeable on various subjects starting from personal safety and well-being to effective evidence collection. The crime scene may be chaotic but the first response officer has to record as much information as possible which is essential for the efficient development of the investigation. This course has been developed in order to provide training regarding forensic science issues and technologies developed recently (DNA technologies, drugs of abuse etc.) as well as legal medicine issues (sex related offenses, child abuse and neglect, traumatology etc.) that may be essential to the first respond officers, in order to protect and preserve the crime scene. This capacity building will serve for competency and ability to cooperate with the various agencies with different expertise in order to achieve the best expected result from the investigation.



Full description of the training course

a) Aim of the course

The first responding officer has a very important responsibility on the overall investigation of a crime. Therefore it is essential for him to know his limits and capabilities. This course has been developed in order to improve the operational effectiveness of the first responding officers by capacity building in forensic sciences and legal medicine.

b) Learning Objectives

- Define the skills needed and the factors that may affect processing, preserving and protecting the crime scene.
- Distinguish between different classes of physical evidence and the most suitable collection methodology.
- Describe the crime laboratory capabilities, explain the instrumental analysis in criminal investigation and discuss related cases.
- Explain DNA as evidentiary material, genetics and related statistics, its contamination and the problems created in casework by the use of different DNA cases in familial relationships and case identifications.
- Outline the basics for fingerprint identification, latent fingerprints and fingerprints as DNA source.
- Describe DNA and fingerprint databases and their importance in international information sharing.
- Explain the examinations of hand writing by various techniques.
- Describe opium derived drugs, synthetics, narcotics, stimulants, depressants and hallucinogens and discuss the evidence handling and potential security/safety problems.
- Identify the signs and symptoms of sexual abuse, explain the lacking of rape report to the police, the ways of tackling the cases and outline the types of physical evidence collected in sexual assault cases.
- Define the types and patterns of child sexual assault, pedophilia and child pornography.
- Discuss the various stages of medico-legal examination including reporting terminology, autopsy and recognize the potential evidentiary value of wounds.

The maximum number of participants per session :

30

The course duration (day or hour):

3 days

The course language:

English/Turkish and other languages with interpretation if needed.

Venue:

The programme will be offered on a regular basis in the main campus of Istanbul Yeni Yuzyil University

Address:

Maltepe Mahallesi, Yılanlı Ayazma Caddesi, No: 26 Cevizlibağ
Zeytinburnu Istanbul/Turkey

Evaluation:

A test will be given in order to evaluate the knowledge gained by the participants.

Commitment to INTERPOL accreditation

Our organisation is committed to the accreditation obtained by INTERPOL. Our University has entered into a voluntary relationship with INTERPOL. It is accepted that we will work with INTERPOL to demonstrate compliance with INTERPOL standards required for the accreditation of the above-mentioned training programme.



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