**Name of the Course :** ABE104 - Crime Scene Investigation

**Medium of the Course :** Turkish

**Aim of the Objective :** The aim of the course is for the student to learn the concept of crime scene, its importance, conservation methods and basic investigation methods. It is aimed to collect findings in many different crime scene investigations such as traffic accidents, cybercrimes, post-explosion crime scene, trace examinations and ballistic examination, and to provide information on how to photograph and report the crime scene.

**Level of the Course :** Master's Degree

**Type/ Content of the Course :** Elective / Students will be informed about the legal and technical aspects of crime scene investigation studies, how to collect and package the findings, and how to prepare the crime scene investigation report.

**Credit of the Course :** 3

**Term / Weekly Hour :** Fall/3

**Name(s)/Surname(s) of Instructors :** J.Alb.Dr. Murat OZGER

**Contect Number of Insts. :** 0532 477 19 88

**Program Coordinator :** Prof. Dr. Gökhan İbrahim ÖĞÜNÇ

**Prerequisites :** None

**Teaching Methods :** Theoretical/Applied

**Resources :**

1. Law No. 2559 on Police Duties and Responsibilities (1934).
2. Law No. 2803 on the Duties and Powers of the Gendarmerie Organization (1983).
3. Turkish Penal Code No. 5237, (2004).
4. Criminal Procedure Law No. 5271 (2004).
5. Judicial and Preventive Searches Regulations (2005).
6. Judicial Law Enforcement Regulation (2005),
7. Physical Examination, Genetic Examinations and Physical Identification in Criminal Procedure", (2005),
8. Criminal Property Regulations (2016)
9. Baxter E., (2015),Complete Crime Scene Investigation Handbook, Newyork: CRC Press.
10. Duncan, Christopher D., (2023) Advanced Crime Scene Photography, Third Edition, CRC Press,
11. Fisher, B.A.J., (2012) Techniques of Crime Scene Investigation, Eighth Edition, CRC Press, Boca Raton, Florida
12. Kriminalistic, Ankara: Ministry of Interior, JSGA Publications.
13. National Forensic Sciene Technology Center,(2013),Crime Scene Investgetion,A Guide For Law Enforcement, USA : Florida International University.
14. National Institute of Justice, (2024), Death Investigation: A Guide for the Scene Investigator, U.S. Department of Justice, USA
15. National Institute of Justice, (2000) Crime Scene Investigation, A Guide for Law Enforcement, U.S. Department of Justice, Office of Justice Programs, USA
16. Polat, O., (2004), Notes on Criminology and Criminalistics, Ankara: Seçkin Publishing.
17. Gardner, R.M.; Krouskup, D.,(2021) Practical Crime Scene Processing and Investigation, 3rd Edition, CRC Press,USA.
18. Gardner, R.M., Bevel, T.,(2021), Bloodstain Pattern Analysis with an Introduction to Crime Scene Reconstruction (Practical Aspects of Criminal and Forensic Investigations), 3rd Edition, CRC Press.
19. Saferstein R. (2021) Criminalistics: An introduction to forensic science, 13th Edition, New Jersey: Pearson Prentice Hall.
20. Saferstein, Richard, (2019) Forensic Science: From the Crime Scene to the Crime Lab, Fourth Edition, New Jersey :P earson Education
21. Suboch G.,(2016), Real-World Crime Scene Investigation, A Step by Step Procedure Manual, CRC Press,USA.

**WEEKLY TOPICS**

|  |  |
| --- | --- |
| **Weeks** | **Units** |
| **1** | **The concept of crime scene investigation and its importance in criminal investigations, Legal dimension** |
| **2** | **Finding-evidence concepts, types and Finding-Evidence Security** |
| **3** | **Crime Scene Investigation Phases -1**a) First Measures and Coordination at the Sceneb) Arrival at the scene, determination and protection of the boundaries of the crime scene |
| **4** | **Crime scene investigation – 2**a) Crime Scene Investigation Methodsb) Detailed investigation of the crime scene and determination of findings/evidencec) Recording and reporting of the crime scene |
| **5** | **Crime scene investigation – 3**a) Recording and reporting of the crime sceneb) Forensic photography |
| **6** | **Detection of findings at the crime scene, collection and packaging procedures – 1**a) Physical Findings/Evidence |
| **7** | ***Midterm*** |
| **8** | **Procedures for identifying and collecting findings at the crime scene – 2**a) Chemical Findings/Evidence |
| **9** | **Procedures for detecting and collecting findings at the crime scene – 3**a) Biological Findings/Evidence |
| **10** | **Procedures for identifying and collecting findings at the crime scene – 4**a) Digital Findings/Evidence |
| **11** | **Crime Scene Management**a) Other Units and Coordination at the Sceneb) Disaster Victim Identification |
| **12** | **Crime Scene Revitalization Works-1**1. Blood Pattern Analysis
 |
| **13** | **Crime Scene Revitalization Works-2**1. Crime Scene Investigation in Traffic Accidents
 |
| **14** | **A New Look at Crime Scene Investigation: Generating Intelligence from Findings/Evidence** |
| **15** | ***Final***  |

**EVALUATION SYSTEM**

|  |  |  |
| --- | --- | --- |
| **Semester Studies** | **Number** | **Contribution Margin %** |
| **Attandence** | 14 | 10 |
| **Quiz** | - | - |
| **Midterm** | 1 | 30 |
| **Practice** | - | - |
| **Project** | - | - |
| **Assignment / Presentation** | 1 | 30 |
| **Final** | 1 | 30 |
| **Total** |  | 100 |

**ECTS / WORKLOAD TABLE**

|  |  |  |  |
| --- | --- | --- | --- |
| **ACTIVITES** | **NUMBER** | **DURATION****(Hour)** | **Total workload (Hour)** |
| **Theoretical Course (+Practice)** | 14 | 3 | 42 |
| **Duration of Out-of-Class Study** | 14 | 3 | 42 |
| **Presentation/Seminar Preparation** | - | - | - |
| **Project** | - | - | - |
| **Assignments** | 1 | 22 | 22 |
| **Midterm**1. **Exam**
2. **Individual Study For The Exam**
 | 1 | 20 | 20 |
| **Final**1. **Exam**
2. **Individual Study For The Exam**
 | 1 | 24 | 24 |
| **Total workload (hours)** | 31 | 72 | 150 |
| **ECTS Credit of The Course (Total workload (hours) / 25)**  |  |  | **6** |

**COURSE OUTCOMES**

|  |  |
| --- | --- |
| **No.** | **Explanation** |
| **O1** | Knows the concept of crime scene investigation and its importance in criminal investigations. |
| **O2** | Comprehend the concepts and types of evidence and evidence. Know the concept of on-site security. |
| **O3** | Crime scene investigation – 1 (First Measures at the scene, Transfer to the scene, determination and protection of the crime scene boundaries). |
| **O4** | Crime scene investigation – 2 (Crime scene investigation methods, detailed investigation of the crime scene and detection of findings/evidence, recording and reporting of the crime scene). |
| **O5** | Can do crime scene investigation – 3 (forensic photography with recording and reporting of the crime scene) |
| **O6** | Detection of findings at the crime scene, collection and packaging procedures – 1 (Physical Finding/Evidence) can do. |
| **O7** | Detection of findings at the crime scene, collection and packaging procedures – 2 (Chemical Findings/Evidence). |
| **O8** | Detection of findings at the crime scene, collection and packaging procedures – 3 (Biological Findings/Evidence). |
| **O9** | Detection of findings at the crime scene, collection and packaging procedures – 4 (Digital Findings/Evidence). |
| **O10** | Knows Crime Scene Management. |
| **O11** | He has knowledge about Crime Scene Re-enactment Studies (Blood Pattern Analysis, Crime Scene Investigation in Traffic Accidents). |
| **O12** | Has knowledge about Intelligence Generation by evaluating the Findings/Evidence obtained in the Crime Scene Investigation. |

**PROGRAM QUALIFICATIONS**

|  |
| --- |
|  |
| **No.** | **Explanation** | **Contribution Level of the Course** |
| **0** | **1** | **2** | **3** | **4** | **5** |
| **P1** | To have a understanding of forensic science ethics and protection of personal data |  |  |  |  | X |  |
| **P2** | To have a knowledge of the principles and techniques of scientific research. |  |  |  |  | X |  |
| **P3** | To reach proficiency about the effects of forensic sciences on ensuring the rule of law. |  |  |  |  |  | X |
| **P4** | To have theoretical and practical knowledge in the fields of Forensic Science Investigation. |  |  |  |  |  | X |
| **P5** | To recognise the importance of using forensic science methods in criminal investigations. |  |  |  |  |  | X |
| **P6** | To have command of crime scene investigation techniques and forensic photography principles. |  |  |  |  |  | X |
| **P7** | To understand the importance of crime scene investigation process in criminal investigations |  |  |  |  |  | X |
| **P8** | To apply the developments in the fields of positive science to the fields of criminalistics. |  |  |  |  |  | X |
| **P9** | To know and apply the hierarchy of forensic sciences, which are multidisciplinary and interdisciplinary, and their relations with each other. |  |  |  |  |  | X |
| **P10** | To have basic theoretical and practical knowledge in at least one of the fields of criminalistics. |  |  |  |  |  | X |
| **P11** | To be able to relate the results of reports prepared by forensic science laboratories to the criminal investigation by reasoning. |  |  |  |  | X |  |
| **P12** | To recognise the legal responsibilities of the expert witness and to internalise the ethical rules. |  |  |  | X |  |  |

**CONTRIBUTION OF COURSE LEARNING OUTCOMES TO PROGRAM PROFICIENCY**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **All** | **P1** | **P2** | **P3** | **P4** | **P5** | **P6** | **P7** | **P8** | **P9** | **P10** | **P11** | **P12** |
| **O1** | **3** | **4** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **4** | **4** |
| **O2** | **3** | **4** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **4** | **4** |
| **O3** | **3** | **4** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **4** | **4** |
| **O4** | **3** | **4** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **4** | **4** |
| **O5** | **3** | **4** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **4** | **4** |
| **O6** | **3** | **4** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **4** | **4** |
| **O7** | **3** | **4** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **4** | **4** |
| **O8** | **3** | **4** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **4** | **4** |
| **O9** | **3** | **4** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **4** | **4** |
| **O10** | **3** | **4** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **4** | **4** |
| **O11** | **3** | **4** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **4** | **4** |
| **O12** | **3** | **4** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **5** | **4** | **4** |

 **0- None 1- Very Low 2- Low 3- Moderate 4- High 5- Very High**

J.Alb.Dr. Murat OZGER

**.../…/2024**

**Prof.Dr. Gökhan İbrahim ÖĞÜNÇ**

**Director of the Institute of Forensic Sciences**