**Name of the Course : KRM211-**Criminalistics

**Medium of the Course :** Turkish

**Aim of the Objective :** It is aimed for the student to grasp the basic information about the fields of study of criminalistics by explaining the foundations of criminalistics, which reveals the importance of the concepts of findings and evidence in crime investigations and aims to prove guilt and innocence based on scientific material evidence, its philosophy and its effects on the presumption of innocence. In addition, it is among the crucial gains of the student to ensure that the relationships between different fields of study of criminalistics and the reports prepared by the expert units are evaluated as a whole..

**Level of the Course :** Master Degree

**Type/ Content of the Course :** Compulsory/ In the Criminalistics course, students will be informed about the basic concepts of criminalistics, areas of investigation, the concept of findings and evidence, the importance of the chain of evidence, the holistic evaluation of reports prepared by different investigation areas, and the position of criminalistics in the criminal justice system.

**Credit of the Course :** 3

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

**Name(s)/Surname(s) of Instructors :** Prof.Dr. Gökhan İbrahim ÖĞÜNÇ

**Contect Number of Insts. :** 05055430191/ 7500

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

**Prerequisites : -**

**Teaching Methods :** Seminar, discussion, presentation, article

**Resources :**

1. Richard Saferstein (2021), Criminalistics, An Introduction to Forensic Science, Essex, Pearson Education Limited.

2. Barry A. J. Fisher, William J. Tilstone, Catherine Woytowicz (2009), Introduction to Criminalistics: The Foundation of Forensic Science, London, Elsevier Academic Press

3. Max M. Houck, Jay A. Siegel (2015), Fundamentals of Forensic Science, London, Academic Press is an imprint of Elsevier

4. Howard A. Harris, Henry C. Lee (2019), Introduction to Forensic Science and Criminalistics, Boca Raton, CRC Press

5. Jay A. Siegel, Kathy Mirakovits (2022), Forensic Science the Basics, Boca Raton, CRC Press

6. Stuart H. James, Jon J. Nordby, Suzanne Bell (2014), Forensic Science, An Introduction to Scientific and Investigative Techniques Boca Raton, CRC Press

7. JSGA Bilimsel Soruşturma Tekniği: Kriminalistik Kitabı (2024)

**WEEKLY TOPICS**

|  |  |
| --- | --- |
| **Weeks** | **Units** |
| **1** | Criminalistics and Justice System |
| **2** | Concept of Findings and Evidence |
| **3** | Basic Methods in Criminalistic Analysis-1 |
| **4** | Basic Methods in Criminalistic Analysis-2 |
| **5** | Concept of Crime Scene and Investigation-1 |
| **6** | Concept of Crime Scene and Investigation-2 |
| **7** | Midterm Exam |
| **8** | Marks Analysis |
| **9** | Finger, Palm and Body Prints Examinations |
| **10** | Document and Writing Analysis |
| **11** | Forensic Chemistry Analysis |
| **12** | Forensic Ballistics Analysis |
| **13** | Forensic Biology Analysis |
| **14** | Computer Forensics Analysis |
|  | Final Exam |

**EVALUATION SYSTEM**

|  |  |  |
| --- | --- | --- |
| **Semester Studies** | **Number** | **Contribution Margin %** |
| **Attandence** | 1 | 10 |
| **Quiz** | - | - |
| **Midterm** | 1 | 20 |
| **Practice** | - | - |
| **Project** | - | - |
| **Assignment / Presentation** | 1 | 20 |
| **Final** | 1 | 50 |
| **Total** | 4 | 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** | - | - | - |
| **Quiz** | 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** | To understand the relationship between criminalistics and the justice system |
| **O2** | To learn the differences between the concepts of evidence and evidence and to learn the characteristics and legal qualifications of evidence |
| **O3** | To learn the concept of crime scene investigation and its importance and types, crime scene investigation techniques |
| **O4** | To learn the basic methods and systems used in criminalistic investigations |
| **O5** | To understand the effect of criminalistics on the effectiveness of crime investigations |
| **O6** | To learn the formation of body marks, detection, archiving, examination and identification techniques |
| **O7** | To learn physical examination techniques |
| **O8** | To learn biological and chemical examination techniques |

**PROGRAM QUALIFICATIONS**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | |
| **No.** | **Explanation** | **Contribution Level of the Course** | | | | | |
| **0** | **1** | **2** | **3** | **4** | **5** |
| **P1** | To be proficient in the ethical rules of forensic science and the protection of personal data |  |  |  |  |  | X |
| **P2** | To be proficient in the principles and techniques of scientific research. |  |  |  |  |  | X |
| **P3** | To reach proficiency in the effects of forensic sciences on the establishment of the rule of law. |  |  |  |  |  | X |
| **P4** | To have theoretical and practical knowledge in the fields of Forensic Science Investigation. |  |  |  |  |  | X |
| **P5** | To understand the importance of using forensic science methods in criminal investigations. |  |  |  |  |  | X |
| **P6** | To be proficient in crime scene investigation techniques and forensic photography principles. |  |  |  |  |  | X |
| **P7** | To understand the importance of the crime scene investigation process in criminal investigations |  |  |  |  |  | X |
| **P8** | To apply the developments in the fields of positive science to the fields of criminalistic investigation. |  |  |  |  |  | X |
| **P9** | To know and apply the hierarchy of evidence examination and the relationships between multidisciplinary and interdisciplinary forensic sciences. |  |  |  |  |  | X |
| **P10** | To have basic theoretical and practical knowledge in at least one of the fields of criminalistic investigation. |  |  |  |  |  | X |
| **P11** | To be able to reason about the results of the reports prepared by forensic science laboratories and establish their relationship with the criminal investigation. |  |  |  |  |  | X |
| **P12** | To know the legal responsibilities of the expert witness institution and to internalize its 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** | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |
| **O2** | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 |
| **O3** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 5 |
| **O4** | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 4 |
| **O5** | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 |
| **O6** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| **O7** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 |
| **O8** | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

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

**…/…/….**

**(Signatured)**

**Prof.Dr. Gökhan İbrahim ÖĞÜNÇ**

**Head of the Department of Forensic Sciences**