**Name of the Course :** KRM203 - Forensic Document and Forgery Investigations

**Medium of the Course :** Turkish

**Aim of the Objective :** Forgery is carried out in different ways for various reasons. A document can be forged partially by falsifying an original document in terms of time, meaning and quantity, as well as being completely forged. With the developing technology, forgery can be done with much more different methods and techniques, so research and development in this field is inevitable. The aim of the forensic document and forgery examinations master's course is to inform students about the development of forensic document examinations in the world and in our country, the purpose and types of forgery, printing techniques, seal and stamp examinations, forgery of banknotes, identification elements of forged banknotes, fulage (pencil printing) trace.

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

**Type/ Content of the Course :** Elective / Forensic Document and Forgery Investigations course, students; The development of forensic document examinations in the world and in our country, types of forgery, printing techniques and types, seal and stamp examinations, banknote forgery, fake banknote identification elements, fulaj (pen printing) trace will be informed about.

**Credit of the Course :** 3

**Term / Weekly Hour :** Spring/3

**Name(s)/Surname(s) of Instructors :** J.Yzb.Dr.Salim YAREN

**Contect Number of Insts. :** 0505 228 23 90

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

**Prerequisites :** None.

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

**Resources :**

1. Adli Belge İnceleme ve Sahtecilik Alanındaki Bilirkişi Raporlarının İncelikleri 1. Baskı (2019). Faruk Aşıcıoğlu, Seçkin Yayınları
2. Adli Belge İncelemesi 1. Baskı (2005). Editör: Faruk Aşıcıoğlu, Seçkin Yayınevi
3. Adli Belge İncelemeleri 1. Baskı (2011).
4. Hukuksal ve Bilimsel Sonuçlarıyla İmza-El Yazısı ve Belge İncelemesi 1. Baskı (2010) Yaşar Köstekçi-Özge Köstekçi, Vedat Kitapçılık
5. Questioned Documents: A Lawyer’s Handbook. 1st. ed. (2001). Jay Levinson, Academic Press
6. Scientific Examination of Questioned Documents. 2 nd. (2006). Ed: Jan S.Kelly, Brian S.Lindblom, CRC Press, Taylor&Fransic Group
7. The Scientific Examination of Documents Methods and Techniques 2nd. ed. (2003). David Ellen. Taylor&Fransic Ltd.

**WEEKLY TOPICS**

|  |  |
| --- | --- |
| **Weeks** | **Units** |
| **1** | **Development and Importance of Forensic Document Examination in the World and in Our Country** |
| **2** | **The aims and types of forgery.** |
| **3** | **Document examinations (paper, physical findings, ink age, document age, fulage trace, etc.)-I** |
| **4** | **Document examinations (paper, physical findings, ink age, document age, fulage trace, etc.)-II** |
| **5** | **The methods of identifying forged documents.** |
| **6** | **The printing techniques.** |
| **7** | ***Midterm*** |
| **8** | **The seal and stamp examinations.** |
| **9** | **Banknote Counterfeiting, Elements of Banknote Security Features** |
| **10** | **Analysing the Security Elements of High Security Documents** |
| **11** | **Collection, Preservation, Packaging and Delivery of Documents Obtained from the Crime Scene to the Laboratory** |
| **12** | **Problems and Issues to be Considered and Difficulties Encountered During the Submission and Examination of Documents** |
| **13** | **The Place of Forgery in the Legislation, Examination of Forgery in terms of Seduction and Persuasion Ability** |
| **14** | **Introduction of Devices Used in Document Examination** |
| **15** | ***Final*** |

**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** | 1 | 24 | 24 |
| **Midterm**   1. **Exam** 2. **Individual Study For The Exam** | 1 | 24 | 24 |
| **Final**   1. **Exam** 2. **Individual Study For The Exam** | 1 | 24 | 24 |
| **Total workload (hours)** | 31 | 78 | 156 |
| **ECTS Credit of The Course (Total workload (hours) / 25)** |  |  | **6** |

**COURSE OUTCOMES**

|  |  |
| --- | --- |
| **No.** | **Explanation** |
| **O1** | Have knowledge about the development of forensic document examinations in the world and in our country |
| **O2** | Have knowledge about the aims and types of counterfeiting |
| **O3** | Knowledged about Document Examination (paper, physical findings, ink age, document age, fulage trace, etc.) |
| **O4** | Have knowledge about the methods of identification of forged documents |
| **O5** | Have knowledge about printing techniques and the areas where they are used |
| **O6** | Have knowledge about seal and stamp trace examinations |
| **O7** | Have knowledge about banknote counterfeiting, banknote security features |
| **O8** | Have knowledge about the examination of security elements of documents containing high security |
| **O9** | Learns the collection, preservation, packaging and delivery of the documents obtained from the crime scene to the laboratory. |
| **O10** | Have knowledge about the issues to be considered and the difficulties encountered during the submission and examination of documents |
| **O11** | Have knowledge about the examination of forgery in terms of seduction and persuasion ability |
| **O12** | Understands the place of forgery in the legislation and has knowledge about the devices used in document examination |

**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** | **5** | **4** | **5** | **5** | **4** | **5** | **5** | **5** | **4** | **4** | **5** | **5** |
| **O2** | **5** | **4** | **5** | **5** | **4** | **4** | **4** | **5** | **4** | **5** | **5** | **5** |
| **O3** | **5** | **4** | **5** | **5** | **4** | **5** | **5** | **5** | **4** | **4** | **5** | **4** |
| **O4** | **5** | **4** | **5** | **5** | **4** | **5** | **5** | **5** | **4** | **5** | **5** | **4** |
| **O5** | **5** | **4** | **5** | **5** | **4** | **5** | **5** | **5** | **4** | **4** | **5** | **4** |
| **O6** | **5** | **4** | **5** | **5** | **4** | **5** | **4** | **5** | **4** | **5** | **5** | **5** |
| **O7** | **5** | **4** | **5** | **5** | **5** | **4** | **4** | **5** | **4** | **5** | **5** | **5** |
| **O8** | **5** | **4** | **5** | **5** | **5** | **5** | **5** | **5** | **4** | **5** | **5** | **5** |
| **O9** | **5** | **4** | **5** | **5** | **5** | **5** | **5** | **5** | **4** | **5** | **4** | **5** |
| **O10** | **5** | **4** | **5** | **5** | **4** | **5** | **5** | **5** | **4** | **4** | **4** | **5** |
| **O11** | **5** | **4** | **5** | **5** | **4** | **5** | **4** | **5** | **4** | **4** | **4** | **5** |
| **O12** | **5** | **4** | **5** | **5** | **4** | **5** | **4** | **5** | **4** | **4** | **4** | **5** |

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

J.Yzb.Dr.Salim YAREN

**.../…/2024**

**Prof.Dr. Gökhan İbrahim ÖĞÜNÇ**

**Director of the Institute of Forensic Sciences**