**ESOGU AERONAUTICAL ENGINEERING DEPARTMENT**

**COURSE INFORMATION FORM**

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| **Course Name** | **Course Code** |
| Aviation and Space Law |  |

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| **Semester** | **Number of Course Hours per Week** | | **ECTS** |
| **Theory** | **Practice** |
| 7 | 3 | 0 | 3 |

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| **Course Category (Credit)** | | | | |
| **Basic Sciences** | **Engineering Sciences** | **Design** | **General Education** | **Social** |
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| **Course Language** | **Course Level** | **Course Type** |
| English | Undergraduate | Elective |

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| **Prerequisite(s) if any** |  |
| **Objectives of the Course** | The main aim of the course is to provide students with basic knowledge about air public, air private and space law. |
| **Short Course Content** | The course focuses on the rights and obligations of states in their airspace, the rights and obligations of parties in passenger, baggage, and cargo transportation, regulations regarding crimes committed on board, the legal status of aircraft, and aircraft financing. Information will also be given about the basic regulations of space law. |

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| **Learning Outcomes of the Course** | | **Contributed PO(s)** | **Teaching Methods \*** | **Measuring Methods \*\*** |
| **1** | General understanding of the basic knowledge of the legal regimes governing aviation law. | 6-7-8-9-10 | 1-2-5-8 | A-B-C |
| **2** | Understanding the basic norms of the Chicago Convention, the Constitution of Aviation Law | 6-7-8-9-10 | 1-2-5-8 | A-B-C |
| **3** | To have knowledge about Aviation Organizations and their functions | 6-7-8-9-10 | 1-2-5-8 | A-B-C |
| **4** | A general understanding of the efforts for uniformization of Private International Law in the field of Air Law. | 6-7-8-9-10 | 1-2-5-8 | A-B-C |
| **5** | General understanding of the basic legal aspects of aviation business | 6-7-8-9-10 | 1-2-5-8 | A-B-C |
| **6** | General understanding of the basic principles of Liability in Air Law. | 6-7-8-9-10 | 1-2-5-8 | A-B-C |
| **7** | Understanding the Economic Dimension of Aviation Transactions. | 6-7-8-9-10 | 1-2-5-8 | A-B-C |
| **8** | General understanding of the basic principles of Space Law | 6-7-8-9-10 | 1-2-5-8 | A-B-C |
| **9** | Knowledge of dispute resolution methods in space | 6-7-8-9-10 | 1-2-5-8 | A-B-C |
| **10** | To have knowledge about the legal aspects of commercial activities in space | 6-7-8-9-10 | 1-2-5-8 | A-B-C |

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| **Main Textbook** | Benjamyn I. Scott/Andrea Trimarchi, Fundamentals of International Aviation Law and Policy, New York: Routledge 2020. |
| **Supporting References** | Brian F. Havel/ Gabriel S.Sanchez, The Principles and Practice of International Aviation Law, New York:CUP 2014.  International and EU Aviation Law, Ed. Elmar M. Giemulla and Ludwig Weber, Alphen aan den Rijn: Kluwer Law International 2011. |
| **Necessary Course Material** |  |

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| **Course Schedule** | |
| **1** | Historical Development of Aviation Law |
| **2** | Public Law Aspect of Aviation Law: Chicago Convention |
| **3** | International Air Transportation: Freedoms of Aviation Law |
| **4** | International Air Transportation: Bilateral Air Services Agreement |
| **5** | Commercial Mergers and Acquisitions of Airlines |
| **6** | Contractual Obligations Between Carrier and Passenger |
| **7** | Damages to the Third Parties Situated on Surface |
| **8** | Mid-Term Exam |
| **9** | Aviation Insurance |
| **10** | Aviation Competition Rules |
| **11** | Products Liability in Aviation Law |
| **12** | The International Law Regime of Finance of Aircraft |
| **13** | Sources of Space Law and Regime of Space Law |
| **14** | Space Mining |
| **15** | Dispute Resolution in Space Law. Conflicts of Law in Space Law |
| **16,17** | Final Exam |

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| **Calculation of Course Workload** | | | |
| **Activities** | **Number** | **Time (Hour)** | **Total Workload (Hour)** |
| Course Time (number of course hours per week) | 14 | 2 | 28 |
| Classroom Studying Time (review, reinforcing, prestudy,….) | 10 | 2 | 20 |
| Homework |  |  |  |
| Quiz Exam |  |  |  |
| Studying for Quiz Exam |  |  |  |
| Oral exam |  |  |  |
| Studying for Oral Exam |  |  |  |
| Report (Preparation and presentation time included) |  |  |  |
| Project (Preparation and presentation time included) |  |  |  |
| Presentation (Preparation time included) |  |  |  |
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| Mid-Term Exam | 1 | 2 | 2 |
| Studying for Mid-Term Exam | 1 | 15 | 15 |
| Final Exam | 1 | 2 | 2 |
| Studying for Final Exam | 1 | 15 | 15 |
|  | **Total workload** | | **82** |
|  | **Total workload / 30** | | **2,73** |
|  | **Course ECTS Credit** | | **3** |

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| **Evaluation** | |
| **Activity Type** | **%** |
| Mid-term | 40 |
| Quiz |  |
| Homework |  |
| Report |  |
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| **Final Exam** | 60 |
| **Total** | 100 |

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| **RELATIONSHIP BETWEEN THE COURSE LEARNING OUTCOMES AND THE PROGRAM OUTCOMES (PO)** (5: Very high, 4: High, 3: Middle, 2: Low, 1: Very low) | | |
| **NO** | **PROGRAM OUTCOME** | **Contribution** |
| **1** | Sufficient knowledge of engineering subjects related with mathematics, science and own branch; an ability to apply theoretical and practical knowledge on solving and modeling of engineering problems. | 1 |
| **2** | Ability to determine, define, formulate and solve complex engineering problems; for that purpose an ability to select and use convenient analytical and experimental methods. | 1 |
| **3** | Ability to design a complex system, a component and/or an engineering process under real life constrains or conditions, defined by environmental, economical and political problems; for that purpose an ability to apply modern design methods. | 1 |
| **4** | Ability to develop, select and use modern methods and tools required for engineering applications; ability to effective use of information technologies. | 1 |
| **5** | In order to investigate engineering problems; ability to set up and conduct experiments and ability to analyze and interpretation of experimental results. | 1 |
| **6** | Ability to work effectively in inner or multi-disciplinary teams; proficiency of interdependence. | 4 |
| **7** | Ability to communicate in written and oral forms in Turkish/English; proficiency at least one foreign language. | 5 |
| **8** | Awareness of life-long learning; ability to reach information; follow developments in science and technology and continuous self-improvement. | 5 |
| **9** | Understanding of professional and ethical issues and taking responsibility | 5 |
| **10** | Awareness of project, risk and change management; awareness of entrepreneurship, innovativeness and sustainable development. | 4 |
| **11** | Knowledge of actual problems and effects of engineering applications on health, environment and security in global and social scale; an awareness of juridical results of engineering solutions. | 1 |
| **12** |  |  |

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| **LECTUTER(S)** | | | | |
| **Prepared by** | Doç. Dr. Kazım Sedat SİRMEN |  |  |  |
| **Signature(s)** |  |  |  |  |

**Date:** 10.07.2024