**GAU, School of Aviation, Civil Aviation and Cabin Services**

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| **Course Unit Title** | | | | Introduction to Aviation | | | | |
| **Course Unit Code** | | | | CACS101 | | | | |
| **Type of Course Unit** | | | | Compulsory, Aviation Management and Civil Aviation and Cabin Services | | | | |
| **Level of Course Unit** | | | | 1st Year | | | | |
| **National Credits** | | | | 3 | | | | |
| **Number of ECTS Credits Allocated** | | | | 5 ECTS | | | | |
| **Theoretical (hour/week)** | | | | 3 | | | | |
| **Practice (hour/week)** | | | | - | | | | |
| **Laboratory (hour/week)** | | | | - | | | | |
| **Year of Study** | | | | 1 | | | | |
| **Semester when the course unit is delivered** | | | | 1 | | | | |
| **Course Coordinator** | | | |  | | | | |
| **Name of Lecturer (s)** | | | |  | | | | |
| **Name of Assistant (s)** | | | |  | | | | |
| **Mode of Delivery** | | | | Face to Face | | | | |
| **Language of Instruction** | | | | English | | | | |
| **Prerequisites and co-requisites** | | | | - | | | | |
| **Recommended Optional Programme Components** | | | | Basic background of Fundamentals of Aviation | | | | |
| **Objectives of the Course:** | | | | | | | | |
| * Teaching the basic history of aviation * Teaching the main developments and challenges in Aviation * Teaching basic knowledge of principle of flying | | | | | | | | |
| **Course Description** | | | | | | | | |
| The course provides an overview about the aviation and its history together with main developments and challenges that the major group of activities in aviation faces. | | | | | | | | |
| **Course Contents** | | | | | | | | |
| Week | Topic | | | | | | | Exams |
| 1 | Introduction to Aviation (Overview of Aviation industries and regulation bodies) | | | | | | |  |
| 2 | History of Aviation. | | | | | | |  |
| 3 | Aircraft Categories and Classifications | | | | | | |  |
| 4 | Aircraft Categories and Classifications: In class exercises | | | | | | |  |
| 5 | The Airliners, Major Group of Activities in Aviation | | | | | | |  |
| 6 | Regulation of civil aviation activities (international civil aviation organizations, civil aviation regulations in Turkey) | | | | | | |  |
| 7 | Airline businesses (management and organization of airline companies, income and expenses of airline companies) | | | | | | |  |
| 8 | Midterm Exam | | | | | | | Midterm |
| 9 | Aircraft Structure and basic components | | | | | | |  |
| 10 | Air law, regulations and ATC services | | | | | | |  |
| 11 | Airports (entrance to airports, airport identification codes), Airport ground service activities | | | | | | |  |
| 12 | Airports (airport elements, visual aids for navigation, our country's airports) | | | | | | |  |
| 13 | Artificial Intelligence in Aviation | | | | | | |  |
| 14 | Revision | | | | | | |  |
| 15 | Final Exam | | | | | | | Final |
| **Recommended Sources** | | | | | | | | |
| **Textbook:**  **Supplementary Material(s):** | | | | | | | | |
| **Assessment** | | | | | | | | |
| Attendance | | 5% |  | | | | | |
| Assignments | | 0% |  | | | | | |
| Project-Seminar | | 0% |  | | | | | |
| Midterm Exam | | 45% | Written | | | | | |
| Quizzes | | 0% |  | | | | | |
| Final Exam | | 50% | Written | | | | | |
| Total | | 100% |  | | | | | |
| **ECTS Allocated Based on the Student Workload** | | | | | | | | |
| Activities | | | | | Number | Duration (hour) | Total Workload (hour) | |
| Hours per week (Theoretical) | | | | | 15 | 3 | 45 | |
| Presenting of observations and tutorials as report | | | | | 5 | 7 | 35 | |
| Preparation of the homework | | | | | 5 | 7 | 35 | |
| Quizzes | | | | | 2 | 11 | 22 | |
| Final Exam | | | | | 1 | 16 | 16 | |
| Total Workload | | | | | | | 153 | |
| Total Workload/30 (h) | | | | | | | 5.1 | |
| ECTS Credit of the Course | | | | | | | 5 | |