**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 |