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

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| **Course Unit Title** | Airport and Flight Security |
| **Course Unit Code** | CACS106 |
| **Type of Course Unit**  | Compulsory, Civil Aviation and Cabin Services  |
| **Level of Course Unit**  | 1rd Year |
| **National Credits** | 3 |
| **Number of ECTS Credits Allocated** | 0 ECTS |
| **Theoretical (hour/week)** | 3 |
| **Practice (hour/week)** | - |
| **Laboratory (hour/week)** | - |
| **Year of Study** | 1 |
| **Semester when the course unit is delivered** | 2 |
| **Course Coordinator** |  |
| **Name of Lecturer (s)** |  |
| **Name of Assistant (s)** |  |
| **Mode of Delivery**  | Face to Face and E-learning activities |
| **Language of Instruction**  | English |
| **Prerequisities and co-requisities**  | - |
| **Recommended Optional Programme Components**  | - |
| **Objectives of the Course:** |
| * Teaching the basic airport environment.
* Teaching the security concepts in flight.
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| **Course Description** |  |
| This course will provide basic concepts in aviation security, security concept, terrorism and historical background, security threats on planes, airport and flight safety concept, behaviour analysis, passenger profiles, precautions, threat levels, international regulations and cockpit security. |
| **Course Contents** |
| Week |  | Exam**s** |
| 1 | Introduction to Airport Security and Safety |  |
| 2 | Airport security procedures |  |
| 3 | First Line of Defence System |  |
| 4 | Personal Check and Last Line of Defence |  |
| 5 | Violence Hijacking | Quiz #1 |
| 6 | Bomb Threat Action |  |
| 7 | Exercises, Tutorials and Revision Class |  |
| 8 | Midterm Exam | Midterm |
| 9 | Effects & Impacts of Hijacking to Aviation |  |
| 10 | Types of X-Ray Technologies |  |
| 11 | Runway Safety |  |
| 12 | Runway Incursion Mitigation, Wildlife Surveillance Concept (WiSC) | Quiz #2 |
| 13 | Seminars by Students |  |
| 14 | Revision, Exercises and Tutorial Class |  |
| 15 | Final Exam | Final |
| **Recommended Sources** |
| **Textbook:** **Supplementary Material(s):**  |
| **Assessment** |
| Attendance | 5% |  |
| Assignments | 10% |  |
| Project-Seminar | 15% |  |
| Midterm Exam | 25% | Written |
| Quizzes | 10% |  |
| Final Exam | 35% | 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 | 5 | 25 |
| Preparation of the homeworks | 5 | 5 | 25 |
| Quizzes | 2 | 11 | 22 |
| Supervision  | 1 | 17 | 17 |
| Final Exam | 1 | 22 | 22 |
| Total Workload  | 156 |
| Total Workload/30 (h) | 5.2 |
| ECTS Credit of the Course | 5 |