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

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Course Unit Title** | | | | Hazardous Materials Training | | | | |
| **Course Unit Code** | | | | CACS108 | | | | |
| **Type of Course Unit** | | | | Compulsory, Civil Aviation and Cabin Services Students | | | | |
| **Level of Course Unit** | | | | 1rd Year | | | | |
| **National Credits** | | | | 2 | | | | |
| **Number of ECTS Credits Allocated** | | | | 0 ECTS | | | | |
| **Theoretical (hour/week)** | | | | 2 | | | | |
| **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** | | | | Basic background of Fundamentals of Aviation | | | | |
| **Objectives of the Course:** | | | | | | | | |
| * Methods to be used in emergency cases and development in student knowledge and skill level in both theoretical and practical topics regarding hazardous material. | | | | | | | | |
| **Course Description** | | | | | | | |  |
| This course aims to provide flight safety by training personnel and applying correct rules for passengers handling hazardous materials. | | | | | | | | |
| **Course Contents** | | | | | | | | |
| Week |  | | | | | | | Exam**s** |
| 1 | General philosophy of hazardous material rules | | | | | | |  |
| 2 | Applying hazardous material rules, | | | | | | |  |
| 3 | Definition of hazardous material | | | | | | |  |
| 4 | General handling requirements | | | | | | |  |
| 5 | Responsibilities of hazardous material handling | | | | | | | Quiz #1 |
| 6 | Responsibilities of addresser, Responsibilities of transporter | | | | | | |  |
| 7 | Hazardous material limits, Restricted hazardous material on flight, Confidential hazardous materials | | | | | | |  |
| 8 | Midterm Exam | | | | | | | Midterm |
| 9 | Legal to handle hazardous material, Transportation of hazardous material in air-post | | | | | | |  |
| 10 | Hazardous material under transporter handling, | | | | | | |  |
| 11 | Permitted air cargo hazardous material, Limited hazardous material | | | | | | |  |
| 12 | Exceptional amount of hazardous material, SHGM Liquid limitations, | | | | | | | Quiz #2 |
| 13 | Hazardous material categories | | | | | | |  |
| 14 | Exercise and Tutorial Class | | | | | | |  |
| 15 | Final Exam | | | | | | | Final |
| **Recommended Sources** | | | | | | | | |
| **Textbook:**  **Supplementary Material(s):** | | | | | | | | |
| **Assessment** | | | | | | | | |
| Attendance | | 5% |  | | | | | |
| Assignments | | 10% |  | | | | | |
| Project-Seminar | | 10% |  | | | | | |
| Midterm Exam | | 30% | Written | | | | | |
| Quizzes | | 5% |  | | | | | |
| 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 | 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 | |