GAU, School of Aviation, Aviation Management

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| **Course Unit Title** | | Aviation Resource Management | |
| **Course Unit Code** | | AVM403 | |
| **Type of Course Unit** | | Compulsory, Aviation Management | |
| **Level of Course Unit** | | 4th Year BSc | |
| **National Credits** | | 3 | |
| **Number of ECTS Credits Allocated** | | 5 ECTS | |
| **Theoretical (hour/week)** | | 3 | |
| **Practice (hour/week)** | | - | |
| **Laboratory (hour/week)** | | - | |
| **Year of Study** | | 4 | |
| **Semester when the course unit is delivered** | | 7 | |
| **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 Program Components** | | - | |
| **Objectives of the Course:** | | | |
| * Teaching the basic principles of HRM. * Teaching the basic components of HRM Processes and Practices. | | | |
| **Course Description** | | | |
| This course provides students’ knowledge of the roles and responsibilities of human resources departments within aviation organizations and the skills of human resources personnel. | | | |
| **Course Contents** | | | |
| Week |  | | Exams |
| 1 | Introduction to HRM. | |  |
| 2 | Describe the functions of the HRM/CRM | |  |
| 3 | Leadership, managing people, crowd control, teamwork | |  |
| 4 | Error chain, anger coping, body language, stress management | |  |
| 5 | Fatigue, workload management, situation assessment, risk management, issues and decision-making | |  |
| 6 | Analysing Aircraft Disasters of CRM/HRM | |  |
| 7 | Revision | |  |
| 8 | Midterm Exam | | Midterm |
| 9 | CRM/HRM Processes and Practices | |  |
| 10 | Dirty Dozen Items / Swiss Cheese Model / Shell Model | |  |
| 11 | Human Factors, AI-Supported Decision Making in the Cockpit Integrated alert systems, flight path logic | |  |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | 12 | Analysing Example Aircraft Disasters of CRM and Human Factors | | | | | |  | | 13 | Analysing Example Aircraft Disasters of CRM and Human Factors | | | | | |  | | 14 | Exercise and Tutorial Class | | | | | |  | | 15 | Final Exam | | | | | | Final | | **Recommended Sources** | | | | | | | | | **Textbook:**  **Supplementary Material(s):** | | | | | | | | | **Assessment** | | | | | | | | | Attendance | | 5% |  |  |  |  |  | | Assignments | | 5% |  |  |  |  |  | | Project-Seminar | | 5% |  |  |  |  |  | | Midterm Exam | | 25% | Written |  |  |  |  | | Quizzes | | 5% |  |  |  |  |  | | Final Exam | | 55% | 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 homework | | | | 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 | | | | | |