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.
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| **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 |  |
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| 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 |

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