**GAU, School of Aviation, Aviation Management**

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| **Course Unit Title** | **Airline Dispatch** |
| **Course Unit Code** | **AVM304** |
| **Type of Course Unit** | **Compulsory, Aviation Management** |
| **Level of Course Unit** | **3rd 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** | **3** |
| **Semester when the course unit is delivered** | **6** |
| **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:**   * **Teaching the basic rules of dispatcher.** * **Teaching the better understanding of the dispatcher’s role.** * **Teaching basic knowledge of Route planning, regulations and etc.** | |
| **Course Description** | |

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| **Although the dispatcher is an independent profession within the aviation activities an Aviation Manager will need some basic knowledge about air control, classifications of airspace and airports, the diverse separations and radio communication.** | | | | | | | |
| **Course Contents** | | | | | | | |
| **Week** |  | | | | | | **Exams** |
| **1** | **Introduction to Airline Dispatch** | | | | | |  |
| **2** | **Air control** | | | | | |  |
| **3** | **Airspace classification** | | | | | |  |
| **4** | **Airport Environment and ATC** | | | | | |  |
| **5** | **Introduction to Flight Plan I** | | | | | | **Quiz #1** |
| **6** | **Introduction to Flight Plan II** | | | | | |  |
| **7** | **Tutorial and Revision Class** | | | | | |  |
| **8** | **Midterm Exam** | | | | | | **Midterm** |
| **9** | **Introduction to Radio Communication** | | | | | |  |
| **10** | **Communication Theories between ATC and Dispatcher** | | | | | |  |
| **11** | **Route planning, regulations, and aviation weather** | | | | | |  |
| **12** | **Introduction to Flight Operation** | | | | | | **Quiz #2** |
| **13** | **Introduction to Decision Making in Aviation** | | | | | |  |
| **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** | |