

Course Title	Air Law				
Course Code	AVM214				
Course Type	Compulsory				
Level	Bachelor (1 st cycle)				
Year / Semester	2 nd Year / 1 st Semester				
Instructor's name	TBA				
ECTS	5	Lectures / week	3 Hours /14 Weeks	Laboratories / week	None
Course Purpose and Objectives	<p>The Air Law course's purpose is to provide the student with all the relevant information regarding the legal aspects of air transport. The course aims in providing training on subjects relating to airworthiness of aircrafts, flight crew licensing, air operations and navigation rules, air traffic services, aerospace, aerodromes, search and rescue rules, security and aircraft accident and incident investigation rules.</p>				
Learning Outcomes	<p>Upon successful completion of this course students should be able to:</p> <ul style="list-style-type: none"> • Describe the role of the main aviation organisations and the content of the main air law conventions and agreements. • Describe the main aspects of aircraft airworthiness certification and registration. • Define the requirements for flight crew licensing. • Outline all the necessary rules of the air and air navigation. • Describe all the necessary responsibilities of the pilot relating to air traffic services and management. • Describe the terms that relate to aerodrome characteristics and procedures. • Explain the terms and procedures that relate to search and rescue operations • Define the appropriate security terms and measures that apply to air transport operations. • Describe the essential definitions that relate to aircraft accident and incident investigation. 				
Prerequisites	AVM111		Co-requisites	None	

Course Content

The material included in this course cover the following subjects:

- **International Law: Conventions, Agreements And Organisations:** The Convention on International Civil Aviation (Chicago) – ICAO DOC 7300 (Part I-Air Navigation, Part II-The International Civil Aviation Organisation (ICAO)), Other Conventions and Agreements, World Organisation (IATA), European organisations (European Aviation Safety Agency (EASA), Joint Aviation Authorities (JAA), Eurocontrol).
- **Airworthiness Of Aircraft:** ICAO Annex 8 and EASA Certification Specifications, Certificate of Airworthiness (C of A).
- **Aircraft Nationality And Registration Marks**
- **Personnel Licensing:** JAR-FCL 1 and JAR-FCL 2, Commercial Pilot Licence – CPL, Airline Transport Pilot Licence – ATPL, Ratings, JAR-FCL 3 - Medical Requirements.
- **Rules Of The Air:** Applicability of the Rules of the Air, General Rules, Visual Flight Rules (VFR), Instrument Flight Rules (IFR), Interception of Civil Aircraft.
- **Procedures For Air Navigation Services – Aircraft Operations (Pans Ops):** Definitions and abbreviations, Departure procedures, Approach procedures, Holding procedures, Altimeter setting procedures, Simultaneous Operation on parallel or near-parallel instrument Runway, Secondary surveillance radar (transponder) operating procedures.
- **Air Traffic Services And Air Traffic Management:** ICAO Annex 11 - Air Traffic Services (Definitions, General, Airspace, Air Traffic Control Services, Flight Information Service (FIS), Alerting Service, Principles governing RNP and ATS route designators), ICAO Document 4444 - Air Traffic Management (ATS System Capacity and Air Traffic Flow Management, General Provisions for Air Traffic services, ATC Clearances, Horizontal Speed Control Instructions, Change from IFR to VFR flight, Wake turbulence, Altimeter Setting Procedures, Position Reporting, Reporting of Operational and Meteorological Information, Separation methods and minima, Separation in the vicinity of aerodromes, Miscellaneous separation procedures, Arriving and Departing aircraft, Procedures for Aerodrome Control Service, Radar services, Air Traffic Advisory Service, Procedures related to emergencies, communication failure and contingencies, Miscellaneous procedures).
- **Aeronautical Information Service:** Definitions in ICAO Annex 15, General, Integrated Aeronautical Information Package , Aeronautical Information Publications (AIP), NOTAMs, Aeronautical Information Regulation and Control (AIRAC),

	<p>Aeronautical Information Circulars (AIC), Pre-flight and Post-flight Information/Data.</p> <ul style="list-style-type: none"> • Aerodromes (ICAO Annex 14, Volume I, Aerodrome Design and Operations): Aerodrome data, Physical Characteristics, Visual aids for navigation, Visual aids for denoting obstacles, Visual aids for denoting restricted use of areas, Aerodromes Operational Services, Equipment and Installations, Attachment A to ICAO Annex 14, Volume 1 – Supplementary Guidance Material (Declared distances, Radio altimeter operating areas, Approach lighting systems) • Facilitation (ICAO Annex 9): Entry and departure of aircraft • Search And Rescue: Essential Search and Rescue (SAR) definitions in ICAO Annex 12, Organisation, Operating procedures for non-SAR crews, Search and rescue signals. • Security: Essential Definitions in ICAO Annex 17, General Principles, Organisation, Preventive security Measures, Management of Response to Acts of Unlawful Interference, Operators security programme, Security Procedures in other documents i.e. ICAO Annex 2, ICAO Annex 6, ICAO Annex 14, ICAO Doc 4444. • Aircraft Accident And Incident Investigation: Essential definitions in ICAO Annex 13, Applicability of ICAO Annex 13, ICAO Accident and Incident investigation, Accident and Incident Investigation in accordance with EU document. 						
Teaching Methodology	Face-to-face						
Bibliography	<ul style="list-style-type: none"> • Bristol ATPL (A) Groundschool Manual & CBT Software 						
Assessment	<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Examinations</td> <td style="width: 40%; text-align: center;">90%</td> </tr> <tr> <td>Participation</td> <td style="text-align: center;">10%</td> </tr> <tr> <td></td> <td style="text-align: center;">100%</td> </tr> </table>	Examinations	90%	Participation	10%		100%
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Language	English						