

Course Title	Operational Procedures				
Course Code	AVM224				
Course Type	Compulsory for Air Operations Specialization				
Level	Bachelor (1 st cycle)				
Year / Semester	2 nd Year / 2 nd Semester				
Instructor's name	TBA				
ECTS	5	Lectures / week	3 Hours /14 Weeks	Laboratories / week	None
Course Purpose and Objectives	The purpose of the course is to provide the student with all the knowledge required in order to operate appropriately and according to specified operational procedures both during normal and special operations. The course aims to cover operational procedures regarding general operations, weather conditions, crew management, transport of dangerous goods, long-range flights and a number of special and hazardous conditions.				
Learning Outcomes	<p>Upon successful completion of this course students should be able to:</p> <ul style="list-style-type: none"> • Define terms relating to operational procedures and state their applicability. • Describe the operational procedures relating to normal flight operations. • Describe all weather operational procedures. • Describe the procedures applied in using navigation and communication instruments and equipment. • Describe the operational procedures followed to ensure appropriate maintenance standards. • State the relevant flight crew related requirements. • Explain the procedures and limitation for transporting hazardous goods. • Explain special procedures that need to be followed for long range flights. • Describe the procedures that need to be followed under a number of special and hazardous circumstances. 				
Prerequisites	AVM111	Co-requisites	None		
Course Content	The material included in this course covers the following subjects:				

	<ul style="list-style-type: none"> • General Requirements: ICAO Annex 6 (Definitions, Applicability, General) • OPS Regulation (EU OPS - Aeroplane): Applicability, General, Operator certification and supervision, Operational procedures, All weather operations, Instruments and equipment, Communication and navigation equipment, Aeroplane Maintenance, Flight crew, Cabin crew/Crew members other than flight crew, Manuals, logs and records, Flight and duty time limitations and rest requirements, Transport of dangerous goods by air. • Long range flights: Flight management, Transoceanic and polar flight, MNPS Airspace, ETOPS. • Special Operational Procedures And Hazards: Operations Manual, Icing Conditions, Bird strike risk and avoidance, Noise abatement, Fire/Smoke, Decompression of pressurised cabin, Wind shear and microburst, Wake turbulence, Security (unlawful events), Emergency and precautionary landings, Fuel jettisoning, Transport of dangerous goods, Contaminated runways. 						
Teaching Methodology	Face-to-face						
Bibliography	<ul style="list-style-type: none"> • Bristol ATPL (A) Groundschool Manual & CBT Software 						
Assessment	<table border="1"> <tr> <td>Examinations</td> <td>90%</td> </tr> <tr> <td>Participation</td> <td>10%</td> </tr> <tr> <td></td> <td>100%</td> </tr> </table>	Examinations	90%	Participation	10%		100%
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Language	English						