

Course Title	Operations Control in Aviation				
Course Code	AVM120				
Course Type	Compulsory				
Level	Bachelor (1 st cycle)				
Year / Semester	1 st 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 Operations Control in Aviation course is to provide the student with the knowledge required in order to be able to understand the airline operations control environment. The course aims to cover subjects like airline supervision and control, the operations control center functions and the decision making mechanisms ensuring the cost effective and safe running of the airline operations.				
Learning Outcomes	<p>Upon successful completion of this course students should be able to:</p> <ul style="list-style-type: none"> • Define the main operational control principles and organisation requirements. • Describe the roles and responsibilities of the operational control personnel. • Describe the decision making process and how these affect the financials of the airline. • Describe the processes of the operational control which ensure that flight safety is always the first priority 				
Prerequisites	AVM112	Co-requisites	None		
Course Content	<ul style="list-style-type: none"> • Description of the operations control in the management system • Compliance of operations control • The organisation and methods established to exercise operational control • The roles, responsibilities and competency of the personnel involved in the operations control of the airline • Shared vs Non-shared responsibility of flight dispatch. • Initiation, continuation and termination of flights • Handling disruptions in the operations control 				

Teaching Methodology	Face-to face								
Bibliography	<ul style="list-style-type: none"> • Mark J. Holt, Phillip J. Poynor. <i>Air Carrier Operations</i> 2nd Edition. Aviation Supplies and Academics, Inc.; 2 edition (2016) ISBN 978-1619543171 • James Alan Albright. <i>International Operations Flight Manual.</i> Code7700 LLC, 1st edition (2016). ISBN 978-0986263040 • Peter J. Bruce. <i>Understanding Decision-making Processes in Airline Operations</i> Control. Routledge, 1st edition (2016). ISBN 978-1409411482. • Massoud Bazargan. <i>Airline Operations and Scheduling</i>, 2nd Edition, Routledge, 2016. ISBN 978-0754679004. • Air Ops Annex I to IIIIV. Commission Regulation (EU) No 965/2012 on air operations and related EASA Decisions (AMC & GM and CS-FTL.1). Consolidated version. Revision 91 May 2017 (online pdf) • Airline Operations Manuals • IOSA Standarts Manual edition 12 								
Assessment	<table border="0" style="width: 100%;"> <tr> <td style="width: 60%;">Examinations</td> <td style="border: 1px solid black; text-align: center;">70%</td> </tr> <tr> <td>Assignments</td> <td style="border: 1px solid black; text-align: center;">20%</td> </tr> <tr> <td>Participation</td> <td style="border: 1px solid black; text-align: center;">10%</td> </tr> <tr> <td></td> <td style="border: 1px solid black; text-align: center;">100%</td> </tr> </table>	Examinations	70%	Assignments	20%	Participation	10%		100%
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Language	English								