

1. Course (module) name	2. Code
Crisis Management in Aviation and Basics of Aircraft Accident Investigation	

3. Lecturer (s)	4. Division(s)
Nuno Aghdassi	Business School

5. Cycle of studies	6. Course (module) level	7. Course (module) type
First	Course is not divided into parts	Mandatory

8. Delivery form	9. Delivery period	10. Delivery language (s)
Full-time	Semester 6	English

11. Requirements for students	
Preliminary requirements:	Associated requirements (if any):
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12. Scope of course (module) in ECTS credits	13. Full workload of a student (hours)	14. Contact work hours	15. Independent work hours
6	120	30	90

16. Course (module) purpose: competences developer by the course programme
The objective for the Crisis Management in Aviation and Basics of Aircraft Accident Investigation module is for the students to understand the fundamentals of accidents investigation, to understand how crisis in airports, aircrafts, airlines could be managed, to know the types of crisis and strategies for crisis management and how different new skills can be applied.

17. Relation of the course targets with the expected results of studies and evaluation methods of studies and student achievement			
Results (targets) of the course	Results of the course	Methods of studies	Evaluation methods of academic achievements
Students have to acquire new scientific knowledge in the field of crisis management, be able to understand and to analyze the global aviation crisis and accidents investigation principles and strategies.	Understanding of the crisis in the early years of aviation and how these have shaped the basic policy environment.	Theoretical and problem based lecture, Data collection and analysis.	Individual presentation and final examination
	Ability to compare and identify possible threats and crisis in aviation industry - in global and organizational level.	Theoretical and problem based lecture, Data collection and analysis.	Individual written assignment and final examination
	Ability to critically analyse critical situations and facts after accidents, apply crisis management strategies.	Theoretical and problem based lecture, Data collection and analysis.	Individual written assignment and final examination

18. Course content									
Topics	Contact work hours and learning method						Time of independent studies and tasks		
	Lectures	Consultations	Seminars	Exercises	Laboratory work	Practice	All contact work	Independent work	Tasks
1. Crisis Management Basics: types, crisis in airports, airlines, aircrafts.	2		4				6	18	Analysis of literature, case studies analysis, group discussion
2. Strategies for Crisis Management	4		4				8	24	Analysis of Strategies, Case studies, Individual Presentation
3. Fundamentals of Accident Investigation	4		4				8	24	Case studies, Group discussion
4. Applied Aircrafts Accident Investigation	4		4				8	24	Case studies, Group discussion
Total	14	-	16	-	-	-	30	90	

19. Strategy and criteria of student assessment			
Assessment method	Per cent	Delivery time	Evaluation criteria
Individual presentation, Groups discussions (activity)	45%	During the Semester	Excellent – above 70% Good – 60-70% Adequate – 40-59% Inadequate – under 40%
Examination	55%	During the Semester	Evidence of understanding the subject through appropriate answers to the questions (50%), clear and concise answers (30%), depth of analysis (10%), logic (10%). Excellent – above 70% Good – 60-70% Adequate – 40-59% Inadequate – under 40%

20. Sources of study, literature
Mandatory sources of study, literature
<ol style="list-style-type: none"> David T. Norton, Crisis Management Planning for Small Air Carriers, Aircraft Parts Manufacturers, Installers or Maintainers, and Other Aviation Industry Participants, 66 J. Air L. & Com. 505 (2001) Milosovski, G., Bil, C., and Simon, P., 'Improvement of Aircraft Accident Investigation through Expert Systems', Journal of Aircraft. https://researchbank.rmit.edu.au/eserv/rmit:6170/Milosovski.pdf http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.458.3093&rep=rep1&type=pdf https://pdfs.semanticscholar.org/662d/d52aff1ee42b63bd7a6a8f7f8696d9d4514e.pdf https://www.mlit.go.jp/jtsb/eng-air_report/JA3989.pdf https://files.eric.ed.gov/fulltext/EJ1081376.pdf https://scholar.smu.edu/cgi/viewcontent.cgi?referer=https://www.google.com/&httpsredir=1&article=1579&context=jalc

Additional sources of study, literature

1. <https://commetric.com/2019/04/12/boeings-ethiopian-crash-a-study-in-bad-crisis-management/>
2. Aviation Accident Investigation: Functional and Legal Perspectives.
<https://scholar.smu.edu/cgi/viewcontent.cgi?article=2299&context=jalc>