

1. Course (module) name	2. Code
Aviation Management Information Systems	

3. Lecturer (s)	4. Division(s)

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 5	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	160	40	120

16. Course (module) purpose: competences developed by the course programme
This course aims to give students an understanding of systems used in most areas of aviation, what is being measured, and the business decisions they support. They will also have the opportunity to apply those systems and measures with some practical examples.

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 understand different areas of the aviation industry, to understand the features of their management and to be able to organize and implement managerial processes, to collect and analyze data, to select appropriate methods and tools.	Understand the acronyms used in aviation systems.	Informative, via lectures	Tests, Examination
	Understand what the various aviation systems measure, and what decisions they support.	Informative, via lectures. Creative, via group presentations	Tests, Examination, and Assessment of group and individual presentations
	Be able to define the benefits of both an integrated and standalone system platform	Creative, via group presentations	Assessment of group and individual presentations
	Understand what decisions a startup airline would need to make on its suite of systems, and why	Informative, via lectures. Creative, via group presentations	Tests, Examination, and Assessment of group and individual presentations
	Be able to quantify, in both revenue and cost terms, the impact of systems selection	Creative, via group presentations	Tests, Examinations, and Assessment of group and individual presentations
	Students will understand how to apply the information that the systems give them	Creative, via group presentations	Tests, Examinations and Assessment of group and individual presentations
	Students will understand how The application of systems information, will drive decisions on aircraft type, route, schedule, pricing, distribution and financial results	Creative, via group presentations	Tests, Examinations, and Assessment of group and individual presentations

18. Strategy and criteria of student assessment			
Assessment method	Per cent	Delivery time	Evaluation criteria
Individual Tasks	50%	During the semester	<p>Students will be split into teams, and then allocated roles within that team, ie CEO, Commercial Director, Finance Director, Ops Director etc. At end of every day, each team will present their decisions (and why) on the topics covered during the day. Points will be allocated to each individual within the team, for their understanding of the topic presented (please allocate students with nametags to facilitate this). Roles within each team will then change for the next presentation. Each person will be marked 1 (poor) to 5 (excellent) for each presentation. A total of 4 presentations, with overall marks:</p> <p>Less than 8 – Minimum requirements not met 9-11 – Average knowledge and skills, a pass 12-14 – Good knowledge and skills, a pass with merit 15 and above – Excellent knowledge and skills, a distinction.</p>
Examination	50%	During the semester	<p>Exam will last 90 minutes. There will be a) 6 questions with one word/phrase answers, worth a single point each b) 4 questions with answers needing a paragraph, to show level of understanding, worth 2 points each c) 2 questions requiring a full page answer, to show detail of knowledge of the subject matter, worth 3 points each. Overall marks:</p> <p>Less than 8 – Minimum requirements not met 9-11 – Average knowledge and skills, a pass 12-14 – Good knowledge and skills, a pass with merit 15 and above – Excellent knowledge and skills, a distinction.</p>