



# Strategies and Requirements for Sustainable Aviation

Course Outline  
2025

<b>Course Date</b>	15.06.-28.06.2025
<b>Course Hours</b>	84 contact hours
<b>Lecturer(s)</b>	Prof. Yvonne Ziegler, International Aviation Management, Frankfurt University of Applied Sciences
<b>Course Description</b>	<p>The students will acquire an in-depth knowledge of the sustainable management of airports and the aeronautical sectors, beginning with Airports and continuing with Airlines, Air Law, Aeronautical Industry, as well as Air Navigation. Strategies of major international airports, system partners, airlines and air navigation services regarding a sustainable mobility culture will be presented in case studies.</p> <p>Development perspectives: Influence of society, legislation, customers, suppliers, competition and new business models.</p>
<b>Learning Outcomes and Task</b>	<p>By completing this course, students will be able to:</p> <ul style="list-style-type: none"> <li>• Students can plan and develop strategies for major international airports, system partners, airlines and air transport. They understand the development perspectives of the companies and the significance of strategic cooperation regarding sustainable mobility.</li> <li>• Students will be able to apply their knowledge and skills regarding operational requirements and business requirements as well as market conditions to correctly interpret strategic contexts for decisions on sustainability in the company.</li> <li>• The case studies on sustainable aviation as well as the group work will deepen the methodological and social competences of the students.</li> </ul>
<b>Course Method</b>	Seminar-based course with case studies and practical lectures
<b>Course Materials</b>	<p>Delfmann, W. / Baum, H. / Auerbach, S. / Albers, S. (eds.): Strategic Management in the Aviation Industry, Ashgate</p> <p>Flouris, T.G. / Oswald, S.L.: Designing and executing strategy in aviation management, Hampshire</p>
<b>Credits</b>	7,5 ECTS Points
<b>Assessment</b>	Group project report (processing time 8 weeks) with presentation (minimum 15, maximum 20 minutes)
<b>Grading</b>	20% attendance and participation, 40% project paper and 40% presentation



## **GENERAL INFORMATION**

### **Assessment and Credits**

Upon successful completion of the summer course, students will be awarded ECTS points. A single ECTS point is defined as the equivalent of 25-30 hours of student workload, which includes class hours, readings, preparation for class activities, as well as an assessment measure. Learning will be assessed at the end of the summer course. Lecturers will inform students about the assessment measures at the beginning of the summer course. Students will receive a Transcript of Records showing their grades earned in the course. This document can be presented to their home institution for credit.

### **Grading**

Grades will be awarded based on the German grading system:

German	Sehr gut 1,0-1,5	Gut 1,6-2,5	Befriedigend 2,6-3,5	Ausreichend 3,6-4,0	TN Teilnahmeschein	LN Leistungs- nachweis	Nicht bestanden 5,0/ 6,0	
	very good	good	satisfactory	pass	Non exam paper	Exam/paper	not passed	
Americas	A 1,0-2,3		B 2,4-3,0	C 3,1-3,5	D 3,6-4,0	participated	passed	failed
European	A 1,0-1,5	B 1,6-2,0	C 2,1-3,0	D 3,1-3,5	E 3,6-4,0		FX/F 4,1-5,0	

### **Email and campUAS Online Learning Platform**

Students are encouraged to use campUAS, our E-Learning Platform. Using campUAS enables students to access course materials and stay informed about extracurricular activities. We also expect students to check their emails on a regular basis.

### **Class Participation**

Class participation is considered a requirement for successfully completing the program. Student questions, answers, comments, and insights over the course will not only benefit the whole class, but it will also ensure that students have a better understanding of the class material and contribute to their overall academic success.

### **Attendance**

Students should attend each class. Students also need to inform their lecturer if they need to miss class. This can be done in person or via email.

### **Academic Honesty**

Students caught cheating or plagiarizing will fail, at the discretion of their lecturer, either the assignment in question or the entire program.