



Center for Aviation Competence

University of St.Gallen

**Safety&Security Management Module  
06th-09th September 2022  
in St. Gallen**

*“From insight  
to impact”* 



The Safety & Security Management Module, which is part of the Global Aviation Management Certificate Program, will take place on **6<sup>th</sup> – 9<sup>th</sup> September 2022 in St. Gallen**. This module explains how to be compliant with regulation and offers tools and practices to be efficient. Furthermore, the module also discusses cultures and how to achieve cultures that increase safety.

### Day 1, 6th September: Basics and Fundamentals of Safety & Security Management

TIME	TOPIC AND CONTENT	LECTURER
08.30 – 09.15	Welcome and Introduction	Andreas Wittmer
09.15 – 10.15	Introduction, Definitions and Essential Basics of Safety Management in Aviation I	Andreas Wittmer
10.15 – 10.45	Coffee break	
10.45 – 12.00	Introduction, Definitions and Essential Basics of Safety Management in Aviation II	Andreas Wittmer
12.00 – 13.00	Lunch	
13.00 – 14.00	Business Benefits	Andreas Wittmer
14.00 – 15.00	Case Study Boeing 737 Max 8: Stakeholderanalyse	Andreas Wittmer
15.00 – 15.15	Coffee break	
15.15 – 16.30	Fundamentals and Structure of Safety Management in Aviation	Joel Hencks
16.30 – 16.45	Coffee break	
16.45 – 18.00	Safety Assurance	Joel Hencks
18.00 – 18.30	Open questions and discussion / closing	Andreas Wittmer
19.00	Networking Dinner	

### Day 2, 7th September: Safety Risk Protection and Controls

TIME	TOPIC AND CONTENT	LECTURER
08.15 – 08.30	Welcome and Introduction	Andreas Wittmer
08.30 – 10.00	Safety Performance Monitoring and Measurement	Joel Hencks
10.00 – 10.30	Coffee break	
10.30 – 12.00	Internal Control Systems and Reporting	Joel Hencks
12.00 – 13.30	Lunch	
13.30 – 15.00	Industry Best Practice I	Joel Hencks
15.00 – 15.15	Coffee break	
15.15 – 16.15	Case Study Boeing 737 Max 8: SMS, Delegation	Andreas Wittmer Joel Hencks
16.15 – 16.30	Coffee break	
16.30 – 18.00	Safety Promotion: Communication, Education and Training	Andreas Wittmer
18.00 – 18.15	Open questions and discussion / closing	Andreas Wittmer
18.30	Sightseeing (optional)	

**Day 3, 8th September: Safety Culture and Safety Promotion**

TIME	TOPIC AND CONTENT	LECTURER
08.15 – 08.30	Welcome and Introduction	Andreas Wittmer
08.30 – 10.00	Safety Risk Management: Hazard identification and implementation of risk controls	Daniel Knecht
10.00 – 10.30	Coffee break	
10.30 – 12.00	Production vs Protection: An accident investigation view	Daniel Knecht
12.00 – 13.15	Lunch	
13.15 – 14.45	Documentation ICAO SMS Requirements for Operators, Maintenance Organizations, Air Traffic Service Providers and Aerodromes	Roland Müller
14.45 – 15.15	Coffee break	
15.15 – 16.15	Safety Culture	Roland Müller
16.15 – 17.15	Case Study Boeing 737 Max 8: Governance, Society	Andreas Wittmer
17.15 – 17.45	Open questions and discussion / closing	Andreas Wittmer

**Day 4, 9th September: Cyber Security**

TIME	TOPIC AND CONTENT	LECTURER
08.15 – 08.30	Welcome and Introduction	Andreas Wittmer
08.30 – 10.00	Introduction cyber crime and General cyber attack	Pascale Schwerzmann
10.00 – 10.30	Coffee break	
10.30 – 12.00	Cyber crime in Aviation and Solution approaches	Pascale Schwerzmann
12.00 – 12.15	Q&A	Pascale Schwerzmann
12.15 – 13.30	Lunch	
13.30 – 15.00	Information security management system (ISMS)	Joel Hencks
15.00 – 15.30	Coffee break	
15.30 – 17.00	Information security management system (ISMS)	Joel Hencks
17.00 – 17.30	Open questions and discussion / closing	Andreas Wittmer

**The Lecturers**

**Joel Hencks**, Managing Director AeroEx GmbH, Fellow of the CFAC at the University of St. Gallen.  
More information about Joel Hencks and AeroEx: <http://www.aeroex.eu/>

**Daniel Knecht**, Director of the Investigation Bureau at the Swiss Transportation Safety Investigation Board (STSB) (since 2012), Head of the Aviation Division (STSB-AV) and pilot  
More information about Daniel Knecht: <https://www.sust.admin.ch/>

**Prof. Dr. iur. Roland Müller**, Lawyer, Flight Instructor, Professor for Privat- und Commercial Law as well as Air Law at the University of St.Gallen.  
More information about Roland Müller:  
[https://www.alexandria.unisg.ch/Personen/Person/M/Roland\\_Mueller](https://www.alexandria.unisg.ch/Personen/Person/M/Roland_Mueller)

**Pascale Schwerzmann**, MLaw Pascale Schwerzmann, Executive MBA HSG, Manager at KPMG Switzerland for Cyber Security and Data Privacy Services





**Dr. Andreas Wittmer**, Senior Lecturer for Management under special consideration of aviation.  
More information about Andreas Wittmer:  
[https://www.alexandria.unisg.ch/Personen/Person/W/Andreas\\_Wittmer](https://www.alexandria.unisg.ch/Personen/Person/W/Andreas_Wittmer)

### **Certificate and Alumni Network**

Participants receive a certificate in Safety & Security Management from the Center of Aviation Competence (CFAC-HSG) and from the University of St. Gallen. This certificate can be credited to the CAS-Certificate in Global Aviation Management. The Center for Aviation Competence has an Alumni Aviation network of past participants, course instructors and students from all over the world to which you will have access.

### **Location**

Hotel Congress Einstein, Campus E, Berneggstrasse 2, 9000 St. Gallen

### **Costs**

Regular Participants: CHF 3'400 | Supporters CFAC-HSG: CHF 3'290

### **Contact:**

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