

t.SRM - Safety- and Risk Management

Person responsible for the course:	Heinrich Kuhn, kuhn
Credits:	4
Valid for:	2009/2010
Last saved:	23.08.2010 18:20

Learning objectives:

The students:

- know the basic principles of safety management and risk management (SRM),
 - are familiar with the analytical methodology of risk management,
 - are able to apply the acquired knowledge to practical examples in the field of SRM,
 - are able to analyse SRM from an interdisciplinary perspective, to identify and manage complex interrelations.
-

Course content:

Safety Management:

- introduction to the theory of safety management: law, norms, standards and implementation requirements (ICAO Doc. 9859 Safety Management Manual),
 - risk management: basics, current norms (e.g. ISO 31000), new developments,
 - risk analysis and risk assessment methodology,
 - financial aspects of SRM,
 - safety communication,
 - internal and external risk communication,
 - corporate safety culture,
 - examples of SRM from airlines, airports, ATM,
 - obligations and work of the CASO (Civil Aviation Safety Officer) of the Swiss DETEC
-

Previous knowledge:

-

Teaching method:

Type of lesson:	Number of lessons per week:
Lecture	14*(2L+2L)
Tutorial/Practicum	
Group teaching	
Block instruction	
Seminar	

Assessment:

According to the table or as specified in writing by the lecture at the beginning of the semester!

Number	Type	Weighting
1	End of term exam	
	Exam during the semester	
	Further assessments	

Language of instruction:

German

Instruction material:

script

Comments:

lecturers: H. Kuhn and A. Muggli