

Module description: Aviation Basics																													
Module Code	t.BA.AV.AVBA.14HS																												
ECTS Credits	4																												
Language of Instruction/Examination	German																												
Organizational Unit	ZAV																												
Module Coordinator	Christoph Regli																												
Legal Framework	The module description is part of the legal basis in addition to the general academic regulations. It is binding. During the first week of the semester a written and communicated supplement can specify the module description in more detail.																												
Module Characteristic	Type 2c*** 4 lecture lessons per semester week each yearly starting-class																												
Module Description	Aviation Basics illustrates the breadth of the term "Aviation" and provides a brief overview of the main aspects. Apart from evening out the students' prior knowledge and motivating them for the subject, this module lays the foundation for the follow-up modules in subsequent semesters.																												
Module Content	<ul style="list-style-type: none"> • Introduction • History of Aviation • Organizations • Rules of the Air • Air Navigation Services • Atmosphere and Meteorology • Aircraft Systems • Maintenance, Repair and Overhaul • Airlines • Aerodromes • Communication, Navigation and Surveillance • Space • Risk Management • Human Factors • Security, Emergency Response, Ground Operation • Aircraft Accidents and Incidents Investigations • Research and Development 																												
Prerequisite Knowledge	None.																												
Learning Objectives (Competences)	Students...		Competencies	Taxonomies																									
	Illustration of the breadth of the term "Aviation" and its main aspects.		F, M	K1, K2, K3																									
	Laying the foundation for the consecutive modules of the following semesters.		F, M	K1, K2, K3																									
	Balance the knowledge of the students.		M, F	K1, K2, K3																									
	Motivation for the subject.		M, F	K1, K2, K3																									
Performance Assessment	<table border="1"> <thead> <tr> <th>End-of-module exam</th> <th>Assessment</th> <th>Length (min.)</th> <th>Weighting</th> <th colspan="2">Form</th> </tr> </thead> <tbody> <tr> <td>written exam</td> <td>Grade</td> <td>90</td> <td>100</td> <td colspan="2">acc. to module agreement</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Performance assessment during the semester</th> <th>Assessment</th> <th>Length (min.)</th> <th>Weighting</th> <th colspan="2">Form</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td colspan="2">-</td> </tr> </tbody> </table>					End-of-module exam	Assessment	Length (min.)	Weighting	Form		written exam	Grade	90	100	acc. to module agreement		Performance assessment during the semester	Assessment	Length (min.)	Weighting	Form		-	-	-	-	-	
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Classroom Attendance Requirement	None
Learning material	
Comments	