

<b>Module description: Project Thesis: Systems Engineering</b>						
<b>Module Code</b>	t.BA.ST.PA.19HS					
<b>ECTS Credits</b>	6					
<b>Language of Instruction/Examination</b>	German					
<b>Organizational Unit</b>	IEM Ltg.					
<b>Module Coordinator</b>	Stephan Scheidegger					
<b>Legal Framework</b>	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.					
<b>Module Characteristic</b>	Type 6 Project work					
<b>Module Description</b>	Students investigate a scientific problem in a research project under the guidance of a lecturer. Project ideas typically come from the R&D activities of the Institutes or from industry or research partners. The project findings have to be documented in a written report.					
<b>Module Content</b>	<ul style="list-style-type: none"> <li>A scientific problem will be investigated in a student research project. Project ideas typically are coming from the R&amp;D activities of the Institutes or industry- or research partners. An important element of coaching are weekly meetings, where actual problems and the project progress will be discussed. The project findings (including introduction, materials &amp; methods, results and discussion / conclusions) have to be documented in a written report.</li> </ul>					
<b>Prerequisite Knowledge</b>	120 Credits in the programme					
<b>Learning Objectives (Competences)</b>	<b>Students...</b>		<b>Competencies</b>	<b>Taxonomies</b>		
	are able to acquire additional technical and scientific knowledge and evaluating the state of the art by using scientific publications.		SO, M	K4		
	can write a technical / scientific report and to present the project.		M, F	K3		
	can solve practical problems in the field of systems engineering with engineering - and scientific methodology.		SO, M, F	K6		
<b>Performance Assessment</b>	<b>End-of-module exam</b>	<b>Assessment</b>	<b>Length (min.)</b>	<b>Weighting</b>	<b>Form</b>	
	other			100		
	<b>Performance assessment during the semester</b>		<b>Assessment</b>	<b>Length (min.)</b>	<b>Weighting</b>	<b>Form</b>
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<b>Classroom Attendance Requirement</b>	None					
<b>Learning material</b>						
<b>Comments</b>						