

<b>Module description: Transportation Practice Project 1</b>						
<b>Module Code</b>	t.BA.MO.PM3.24HS					
<b>ECTS Credits</b>	4					
<b>Language of Instruction/Examination</b>	German					
<b>Organizational Unit</b>	INE					
<b>Module Coordinator</b>	Thomas Sauter-Servaes					
<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 4*  4 lab lessons per semester week and half-class					
<b>Module Description</b>	Taking current real-life problems from road traffic planning, students independently develop solutions. These are presented in a technical report.					
<b>Module Content</b>	<ul style="list-style-type: none"> <li>• This project module consists of short content and methodological impulses and, in particular, a case study, i.e. the processing of a concrete scientific question in a group under the guidance of the lecturers. The research question comes from the field of road traffic planning.</li> <li>• During the course of the case study, students regularly report on the progress of their work. In a technical report, the problem definition, the work assignment, the division into partial assignments and the project implementation as well as the work results are described.</li> <li>• The following skills are applied:</li> <li>• Independent acquisition of scientific knowledge from literature, standards and specialist publications.</li> <li>• Working on a specific problem in the group.</li> <li>• CAD application for traffic planners</li> <li>• Preparation of a technical report and presentation of its findings in a panel discussion</li> </ul>					
<b>Prerequisite Knowledge</b>						
<b>Learning Objectives (Competences)</b>	<b>Students...</b>		<b>Competencies</b>	<b>Taxonomies</b>		
	The students are able to develop the professional background of the topic from impulses of the lecturers and from their own research.		SE, F	K1, K2		
	The students are able to implement the tasks of the case study in a self-defined project on their own with supporting coaching and to organize themselves as a team.		SE, M, SO	K3, K4, K5		
	The students can professionally present the results in a technical report and present them to a specialist audience.		M, SO	K4, K5		
<b>Performance Assessment</b>	<b>End-of-module exam</b>	<b>Assessment</b>	<b>Length (min.)</b>	<b>Weighting</b>	<b>Form</b>	
	report	Grade		60	acc. to module agreement	
	<b>Performance assessment during the semester</b>		<b>Assessment</b>	<b>Length (min.)</b>	<b>Weighting</b>	<b>Form</b>
	written + oral		Grade	20	40	acc. to module agreement

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<b>Classroom Attendance Requirement</b>	None
<b>Learning material</b>	
<b>Comments</b>	