

Team Project

1	Module Number 3907	Study Programme ASM	Semester 2	Offered in WS X SS	Duration 1 Semester	Module Type compulsory	Workload (h) 240	ECTS Points 8
2	Courses		Teaching and Learning Forms		Contact Time		Self-Study Time	Language
	Team Project		Project work		(SWS) 3 1	(h) 45 15 [1 SWS = 15h]	(h) 165-225	Englisch
3	<p>Learning Outcomes and Competences Once the module has been successfully completed, the students can...</p> <p>Knowledge and Understanding</p> <ul style="list-style-type: none"> ... develop a project plan ... split complex tasks into subtasks. ... apply the knowledge from lectures and labs on a real application. ... understand the limitations of project time and human resources. <p>Use, Application and Generation of Knowledge</p> <p><i>Use and Transfer</i></p> <ul style="list-style-type: none"> ... use methods and tools of project management. ... understand the principles of systems engineering. ... work with state of the art engineering software and measurement equipment. <p>...</p> <p><i>Scientific Innovation</i></p> <ul style="list-style-type: none"> ... describe interfaces of complex systems. ... apply scientific methods to solve industrial problems. ... discuss pros and cons of new solutions in a group. ... interpret measurement data and simulation results. <p>Communication und Cooperation</p> <ul style="list-style-type: none"> ... work together according to a project plan ... take into account cultural differences in working style, leadership and communication. ... cooperate within the group in order to find adequate solutions for the project task. <p>Scientific Self-Conception/ Professionalism</p> <ul style="list-style-type: none"> ...work successfully in international development groups in industry. 							
4	<p>Contents</p> <ul style="list-style-type: none"> application of project management constitution of hierarchy (project-manager, teams members) constitution of project structure (time schedule, work packages) realisation of given task documentation and evaluation of results presentation of results project feedback 							
5	<p>Participation Requirements compulsory: - recommended: Lectures and labs of first semester</p>							

6	Examination Forms and Prerequisites for Awarding ECTS Points Presentation in a group , 20 minutes Group report
7	Further Use of Module Preparation for Master thesis
8	Module Manager and Full-Time Lecturer Prof. Mathias Oberhauser
9	Literature •
10	Last Updated 10.10.2022