

1	Module Number 13576	Study Program ASM	Semester 2	Offered in ☐ WS ☒ XSS	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) 1	(h) 15	(h) 225	English
3	Learning Outcomes and Competences Once the module has been successfully completed, the students can... Knowledge and Understanding • ... 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. Use, Application and Generation of Knowledge <i>Use and Transfer</i> • ... use methods and tools of project management. • ... understand the principles of systems engineering. • ... work with state of the art engineering software and measurement equipment. <i>Scientific Innovation</i> • ... 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. Communication and Cooperation • ... 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. Scientific Self-Conception/ Professionalism • ...work successfully in international development groups in industry.							
4	Contents • application of project management • constitution of hierarchy (project-manager, teams members) • constitution of project structure (time schedule, work packages) • realization of given task • documentation and evaluation of results • presentation of results • project feedback							
5	Participation Requirements compulsory: - recommended: Lectures and labs of first semester							

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. M. Oberhauser
9	Literature • -
10	Last Updated 06.12.2023