


Studiengang: Bachelor of Science Maschinenbau <i>Program:</i> Bachelor of Science in Mechanical Engineering					
1	Modul: Project management <i>Module:</i> Projektmanagement				English <i>Englisch</i>
		Semester <i>Semester</i>	Dauer <i>Duration</i>	Status <i>Status</i>	Turnus <i>Regular cycle</i>
		5. Semester	1 Semester	compulsory	annually
	Kreditpunkte <i>Credits</i>	Aufwand <i>Workload</i>	Kontaktzeit <i>Contact-hours</i>	Selbststudium <i>Student's efforts</i>	
	2 ECTS	60 h	2 hrs/ week = 30 hrs Teaching and 10 hrs Project consultation	20 hrs Project exercise and post processing	
2	Beschreibung <i>Description</i>				
	<ul style="list-style-type: none"> The course gives an introduction into the subject of project management. Project management is an objective and result orientated methodology of leadership. It will be explained what project management is and how it works. All the phases of a project - initiation, planning, implementation and the required documentation of all the phases and the topic leading a project and working within a team- will be covered. 				
3	Lernziele <i>Learning Outcomes</i>				
	<ul style="list-style-type: none"> Knowledge of the definition of a project and what project management is To be familiar with the process to go through projects Knowledge about all the aspects of the methodology of project management: Leading a project and working within a project team Making a project definition Developing a Model of Phases and defining milestones Project planning Using computer tools Monitoring performance Project controlling 				
4	Schlüsselqualifikationen <i>Key qualifications</i>				
	Sozialkompetenz <i>Social Competence</i>	Methodenkompetenz <i>Competence in Methods</i>	Selbstkompetenz / Personenkompetenz <i>Self-Competence Personal Competence</i>	Interkulturelle Kompetenz <i>Intercultural Competence</i>	Medienkompetenz <i>Media-Competence</i>
	X	X	X		
5	Lehrveranstaltung/ -methoden <i>Course type and methods</i>				
	Teaching				
	<ul style="list-style-type: none"> Seminar-like lecture Exercises "project planning" Teamwork Application of the software tool "MS-Project" 				
6	Vorbedingungen / Vorkenntnisse <i>Prerequisites</i>				
	<ul style="list-style-type: none"> None 				
7	Arbeitsmittel / Literatur <i>Required material / Literature</i>				
	<ul style="list-style-type: none"> Project Management handbook (published by the lecturer) Software MS-Project Computer room 				

Detailinformationen							
8	Inhalte <i>Course topics</i> Introduction and objektive What is a project ? What is project management ? Project instruction and project phases Terms of Reference and the definition of a project Model of Phases and milestone planning Organisation and leadership of projects Project organisation Project documentation and information management Key figures an their roles Project manager and team Kick-Off-Meeting Project planning Planning process and structure elements Structure Planning Sequence planning and scheduling Resource and budget planning Exercise: Development of a project schedule with integrated milestones, work packages and activities Implementation and monitoring progress Evaluation of progress Report of progress Overcoming problems						
9	Prüfungsform <i>Assessment</i> Prüfungsvorleistung / Prerequisite: none Fachprüfung / Examination: written exam						
10	Voraussetzung für die Vergabe von Kreditpunkten <i>Requirements for granting of credits</i> <ul style="list-style-type: none"> • Successfully passing all individual parts of the examination according to row 9 „Assessment“ 						
11	Weiterführende Veranstaltungen <i>Related courses</i> None						
12	Zuordnung <i>Classification</i>						
	Mathematik & Naturwissenschaft <i>Mathematics & Natural Sciences</i>	Ingenieurwissenschaften <i>Engineering Science</i>	Ingenieur-anwendungen <i>Engineering Application</i>	Entwicklung & Konstruktion <i>Design</i>	Werkstoffe <i>Material</i>	Wirtschaft, Management, Sprachen <i>General Education</i>	Anderes <i>Other</i>
		X	X	X	X	X	
13	Modulbeauftragter / Lehrpersonen <i>Responsible person / Lecturers</i> Prof. Dr.-Ing. Klaus-Peter Wolf-Regett / Prof. Dr.-Ing. Klaus-Peter Wolf-Regett						