


Studiengang: <b>Bachelor of Science Maschinenbau</b> Program: <i>Bachelor of Science in Mechanical Engineering</i>					
1	Modul: <b>Advanced (technical) English</b> Module: <i>Fachenglisch</i>	<b>English</b> <i>Englisch</i>			
	<b>Semester</b> <i>Semester</i>	<b>Dauer</b> <i>Duration</i>	<b>Status</b> <i>Status</i>	<b>Turnus</b> <i>Regular cycle</i>	
	1st Semester	1 Semester	Mandatory subject	yearly	
	<b>Kreditpunkte</b> <i>Credits</i>	<b>Aufwand</b> <i>Workload</i>	<b>Kontaktzeit</b> <i>Contact-hours</i>	<b>Selbststudium</b> <i>Student's efforts</i>	
5 ECTS	150hrs	4hrs/week = 40hrs Teaching and 20hrs Exercises	90hrs Preparation and post- processing		
2	<b>Beschreibung</b> <i>Description</i> <ul style="list-style-type: none"> <li>• The seminar offers advanced training sessions of all skills required for language learning such as listening, reading, writing, speaking, grammar and vocabulary.</li> <li>• All topics are related to the occupational field of mechanical engineering with a focus on globally oriented companies.</li> <li>• The materials of this course make use of a wide variety of information and data sources.</li> <li>• Current events are integrated as discussion and study topics on a regular basis.</li> </ul>				
3	<b>Lernziele</b> <i>Learning Outcomes</i> <p>The students reach the CEFR level B1/B2 after passing all parts of the exam Additionally the students will</p> <ul style="list-style-type: none"> <li>• have the skills for communication in a technical context</li> <li>• be able to acquire and enrich a specific vocabulary and job related terminology</li> <li>• have intermediate reading comprehension skills (specialized texts)</li> <li>• be able to understand and compose product and process descriptions</li> <li>• have basic presentation skills in English</li> <li>• be able to recognize cultural differences and get acquainted with workplace culture, corporate culture and multicultural teams</li> </ul>				
4	<b>Schlüsselqualifikationen</b> <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	X	X

5	<b>Lehrveranstaltung/ -methoden</b> <i>Course type and methods</i>				
	<b>Teaching</b>				
	<ul style="list-style-type: none"> <li>• seminar-like lecture</li> <li>• exercises and examples (case studies)</li> <li>• teamwork</li> <li>• hands on practice</li> </ul>				
6	<b>Vorbedingungen / Vorkenntnisse</b> <i>Prerequisites</i>				
	<ul style="list-style-type: none"> <li>• knowledge of 8 years of English or similar skills</li> </ul>				
7	<b>Arbeitsmittel / Literatur</b> <i>Required material / Literature</i>				
	<ul style="list-style-type: none"> <li>• seminar reader</li> <li>• additional literature as recommended in the lecture</li> <li>• online course attached</li> </ul>				
<b>Detailinformationen</b>					
8	<b>Inhalte</b> <i>Course topics</i>				
	<b>Introduction</b>				
	<ul style="list-style-type: none"> <li>• engineering tasks</li> <li>• basic presentation skills</li> </ul>				
	<b>Technical Grammar</b>				
	<ul style="list-style-type: none"> <li>• question syntax, tense forms, passive voice</li> <li>• defining and comparing</li> </ul>				
	<b>Technical Vocabulary</b>				
	<ul style="list-style-type: none"> <li>• company structures</li> <li>• production planning</li> <li>• materials and their properties</li> <li>• machinery</li> <li>• safety instructions</li> </ul>				
	<b>Object Descriptions</b>				
	<ul style="list-style-type: none"> <li>• e.g. devices, tools, machines</li> </ul>				
	<b>Process Descriptions</b>				
	<ul style="list-style-type: none"> <li>• e.g. manufacturing stages</li> </ul>				
	<b>Specialized Texts with discussion</b>				
	<ul style="list-style-type: none"> <li>• various topics, e.g. energy and environment, nanotechnology, 3D technology, manufacturing, construction and design, work ethic</li> </ul>				
	<b>Conversational Skills</b>				
	<ul style="list-style-type: none"> <li>• socialising</li> <li>• intercultural differences</li> </ul>				
9	<b>Prüfungsform</b> <i>Assessment</i>				
	<ul style="list-style-type: none"> <li>• Prüfungsvorleistung/Prerequisites: none</li> <li>• Fachprüfung/Exam: Portfolio</li> </ul>				

10	<b>Voraussetzung für die Vergabe von Kreditpunkten</b> <i>Requirements for granting of credits</i> Passing the required parts of line 9 "Assessment"						
11	<b>Weiterführende Veranstaltungen</b> <i>Related courses</i> • not offered yet						
12	<b>Bezug zu Zielen des Studiengangs</b> <i>Related objectives of the study program / Outcomes</i> • Improving methodical skills • Skilling the "problem solver" • Learning about successful teamwork and intercultural teams • Experiencing project presentation • Getting an idea of job related tasks in industry • Hands-on engineering practice in English						
13	<b>Zuordnung</b> <i>Classification</i>						
	Mathematik & Naturwissenschaften <i>Mathematics &amp; 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	
14	<b>Modulbeauftragter / Lehrpersonen</b> <i>Responsible person / Lecturers</i> Petra Müller, Britta Dreeßen						