

# Faculty of Technology

ENGLISH lectures & projects  
Academic Year 2022/23

<b>MECHANICAL ENGINEERING</b> (required language level B1) <b>BACHELOR LEVEL</b> Subject to change /status March 2022	Description	Lecturer	CP / ECTS	Term (Semester)
LECTURE: Soft Skills	Communicating and presenting basics of communication psychology, leading conversations and negotiations, leading teams and working groups (including motivations and tools, meeting management, creativity in teams, discussion situations, mastering appraisal interviews, leadership role, task and instruments, skills, learning and implementing conversation.	Mr Schmidt	5	fall (5)
LECTURE: Quality Management & Quality Assurance	Introduction to quality management; QM philosophies; QM standards: general QM methods and tools; problem solving tools; management tools; quality costs; quality and law. Basics of statistics; acceptance sampling inspection; capability studies and characteristics; control charts; CAQ; supplier selection and evaluation; quality costs.	Mrs Blattmeier	5	fall (5)
LECTURE: System Engineering & Automation	Components of automated handling systems, product design suitable for assembly, design of the assembly organization, manual and automated assembly, material supply, availability, planning and evaluation, factory simulation, employee qualification.	Mr Lünemann	5	fall (5)
LECTURE: Logistic & Supply Chain Management	Knowledge of the role and activities of supply chain and logistics management as key elements for the successful management of companies; understanding the importance of customer thoughts in the entire chain; understanding of entire value-added networks, their planning and control techniques; understanding of the many instruments for analysis and problem solving in logistics chains.	Mr Schleuter	5	fall (5)
LECTURE: Project Management	Fundamentals of Project Management, Work Breakdown Structures, Project Scheduling and Budgeting, Earned Value Method, Risk Analysis in Projects, Project Organisations, Project Closure and Audit, PCSimulation	Ms Wolf	5	fall (5)
LECTURE: International Marketing <b>Prerequisites:</b> Sufficient knowledge of English and basic knowledge of marketing is required	International marketing activities are explored; international market research, strategic issues, international marketing mix; additional aspects such as generic internationalization strategies, methods of evaluating and selecting countries as target markets, and market entry modes extend the scope of contents to entirely new fields; exercises and case studies are used to apply learned contents to real-life scenarios.	Mr. Hummels	5	fall (5)
LECTURE: Advanced Project Management for Engineers	Master level (available upon request)	Mr Haja	5	fall