

Title	Ergonomics & Practical Training
Code	
Course director	Prof. Dr. Johannes Brombach
Course teacher(s)	Prof. Dr. Johannes Brombach
ECTS credits	3
Directed study time (1 contact hour = 45 min)	3 hours per week per semester
Level	Bachelor's
Assessment method(s)	Written examination
Prerequisites	None Priority to exchange students that are enrolled at the department of Engineering and Management!
Background assumed	Engineering, Business Administration
Course aims	
Learning and teaching outcomes	<p>By the end of the course students will:</p> <ul style="list-style-type: none"> • Have learnt the principles behind and methodological approaches to human factors and ergonomics. • Know the basics of human performance and motivation as well as their considerations in the design of workplaces, organization, work equipment and the production environment.
Learning and teaching methods	Lectures, seminar, group work
Syllabus plan and content	<ul style="list-style-type: none"> • Ergonomics: conceptual, legal, lawful, economic and social. • Performance requirements of humans (physical condition, skills, disposition and motivation). • Tasks, objectives and principles of ergonomic job design. • Design examples of industrial workplaces and equipment.
Core reading	will be announced in the course
Supplementary reading	
Course evaluation method(s)	Standardized questionnaire after 4 weeks: results to be discussed with students immediately.

	Standardized questionnaire at the end of the course: results to be published after grading is complete and marks have been published.
Additional remarks	None
Available in	Summer semester & winter semester