

Department	09 Engineering and Management
Course title	Machine Components I
Hours per week (SWS)	4
Number of ECTS credits	5
Course objective	Knowing of standard machine components, incl. simple calculations (e.g. axles & shafts; pin connections; bolts & screws; welded connections; soldered and adhesive connections; shaft-to-hub-connections)
Prerequisites	Basic knowledge abds fundamentals in Mathematics, Physics, Materials; more detailed comprehension in Engineering Mechanics
Recommended reading	lecture notes; different standard technical books with reference to Machine Components
Teaching methods	lecture and exercises
Assessment methods	written exam (90 min.)
Language of instruction	English
Name of lecturer	Prof. Dr. Eckhard Hoffmann
Email	eckhard.hoffmann@hm.edu
Link	
Course content	see course objective
Remarks	more detailed information see syllabus