

<b>Department</b>	09 Engineering and Management
<b>Course title</b>	<b>Machine Components I</b>
<b>Hours per week (SWS)</b>	4
<b>Number of ECTS credits</b>	5
<b>Course objective</b>	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)
<b>Prerequisites</b>	Basic knowledge abds fundamentals in Mathematics, Physics, Materials; more detailed comprehension in Engineering Mechanics
<b>Recommended reading</b>	lecture notes; different standard technical books with reference to Machine Components
<b>Teaching methods</b>	lecture and exercises
<b>Assessment methods</b>	written exam (90 min.)
<b>Language of instruction</b>	English
<b>Name of lecturer</b>	Prof. Dr. Eckhard Hoffmann
<b>Email</b>	eckhard.hoffmann@hm.edu
<b>Link</b>	
<b>Course content</b>	see course objective
<b>Remarks</b>	more detailed information see syllabus