

					Fundamentals of Reciprocating Engines and Turbomachinery - Part Reciprocating Engines VL 1 Fundamentals of Reciprocating Engines and Turbomachinery - Part Reciprocating Engines HÜ 1
24					
25					
26					
27					
28	Programming in C Programming in C VL 1 Programming in C PR 1	Fundamentals of Mechanical Engineering (GES) Fundamentals of Mechanical Engineering VL 2	Mechanical Engineering: Design (part 1) Embodiment Design and 3D-CAD VL 2 Mechanical Design Project I PBL3		Computational Fluid Dynamics I Computational Fluid Dynamics I VL 2 Computational Fluid Dynamics I HÜ 2
29	Physics for Engineers (GES)	Fundamentals of Mechanical Engineering UE 2			
30	Physics for Engineers VL 2				
31	Physics for Engineers UE 1		Fundamentals of Materials Science (part 1)		
32			Fundamentals of Materials Science I VL 2		
33			Physical and Chemical Basics of Materials Science VL 2		

Nontechnical Complementary Courses for Bachelors (from catalogue) - 6LP

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.