

MME-CAME

	Module	CP	WS - 1. Sem.			SS - 2. Sem.			WS - 3. Sem.			SS - 4. Sem.		
			L	E	P	L	E	P	L	E	P	L	E	P
			SWS			SWS			SWS			SWS		
	Compulsory Courses													
Engineering	Advanced Finite Element Methods	5	2	2										
	Numerical Methods in Mechanical Engineering	7	3		2									
	Advanced Software Engineering	5	2	2										
	Simulation of Discrete Event Systems	5	2	2										
	Reliable Simulation in the Mechanics of Materials and Structures	6				2	2							
	Continuum Mechanics	5				2	2							
	Nonlinear Structural Mechanics	5				2	2							
	Compulsory Elective Courses													
	Multibody Dynamics	2 out of 6	10				2	2						
	Welding and Joining Technologies						2	2						
Manufacturing Technology II						2	2							
Factory Planning												2	2	
Modeling, Model Reduction and Simulation in Laser Processing - Design												2	2	
Mechanics of Engineering Materials												2	1	
Total Courses - Engineering	48		22		21					5				
Management	Entrepreneurial Strategy	5	2	2										
	Innovation Management	5				2	2							
	Finance and Accounting	5				2	2							
	International Project Management	5							2	2				
	Organizational Development and Change	5							2	2				
	Economics for Managers	5							2	2				
	International Business	5							2	2				
	Leadership and High Performance Teams	5							2	2				
	Professional Negotiation Skills and Management of Conflicts	5							2	2				
Total Courses - Management	45		7		10			30						
German Language Course	2	1	1											
Master Thesis	25										6 Months			
Total	120		29		31			30			30			