

MME-CAME

Partner Universities and Faculties	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														
RWTH Aachen 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			
RWTH Aachen Management	Entrepreneurial Strategy	5	2	2											
	Innovation Management	5				2	2								
	Finance and Accounting	5				2	2								
Management Semester	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											
RWTH or MSM	Master Thesis	25												6 Months	
	Total	120	29			31			30			30			