

Masterstudiengang Management and Engineering in Computer Aided Mechanical Engineering an der RWTH Aachen (International Academy)

MME-CAME

PO 2016

Compulsory Courses										
Responsible for Module	Lecturers	Module	CP	L	P/L	Σ SWS	Summer / Winter	Module ID	Σ CP	Σ SWS
Compulsory Courses RWTH (Engineering)										
Itskov	Itskov	Advanced Finite Element Methods for Engineers	5	2	2	4	w	4013866	38	28
Ban	Ban	Numerical Methods in Mechanical Engineering	7	3	2	5	w	4011449		
Lütticke	Lütticke	Advanced Software Engineering	5	2	2	4	w	4011468		
Nitsch	Mertens	Simulation of Discrete Event Systems	5	2	2	4	s	4011437		
Markert	Markert / Heider	Reliable Simulation in the Mechanics of Materials and Structures	6	2	2	4	s	4011496		
Itskov	Itskov	Continuum Mechanics	5	2	2	4	s	4013360		
Schmidt	Schmidt	Nonlinear Structural Mechanics	5	2	1	3	s	4012290		
Elective Courses RWTH (Engineering)										
Corves	Corves	Multibody Dynamics	5	2	2	4	s	4011462	10	**
Reisgen	Reisgen	Welding and Joining Technologies	5	2	2	4	s	4011441		
Bergs	Bergs	Manufacturing Technology II	5	2	2	4	s	4011447		
Schuh	Dannapfel	International Factory Planning	5	2	2	4	s	4011481		
Schulz	Schulz	Modelling, Model Reduction and Simulation in Laser Processing - De	5	2	2	4	s	4013860		
Simon	Simon	Mechanics of Engineering Materials	5	2	1	3	s	4011448		
Compulsory Courses RWTH (Management)										
Brettel	Brettel	Entrepreneurial Strategy	5	2	2	4	w	8015420	15	14
Letmathe	Letmathe	Finance and Accounting	5	3	2	5	s	8015422		
Piller	Pollok / Diener	Innovation Management	5	3	2	5	s	8015421		
Compulsory Courses MSM (Management)										
N.N.	N.N.	International Project Management	5	3	1	4	w/s	4011507	30	24
N.N.	N.N.	Organizational Development & Change	5	3	1	4	w/s	4011500		
N.N.	N.N.	Economics for Managers	5	3	1	4	w/s	4011504		
N.N.	N.N.	International Business	5	3	1	4	w/s	4011505		
N.N.	N.N.	Leadership and High Performance Teams	5	3	1	4	w/s	4011506		
N.N.	N.N.	Professional Negotiation Skills and Management of Conflicts	5	2	2	4	w/s	4011508		
General										
N.N.	N.N.	German Language Course	2	2	0	2	sw	4013868	2	2
Master thesis (RWTH or MSM)										
		Master Thesis	30	-	-	-	sw	0	30	

* Maximum of 8 CP in the Wintersemester

** The total amount of weekly contact hours (SWS) depends on the modules selected.