

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

MME-CAME

PO 2016
01.09.2021

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			
Jeschke, S.	Jeschke, S.	Advanced Software Engineering	5	2	2	4	w	4011468			
N.N.	N.N.	Simulation of Discrete Event Systems	5	2	2	4	s	4011437			
Heider / Markert	Heider / Markert	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			
Klocke	Klocke	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 Lasers Processing	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	
Metmathe	Metmathe	Finance and Accounting	5	3	2	5	s	8015422			
Piller	Piller	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.