

Masterstudiengang Production Systems Engineering an der RWTH Aachen (IntAc)

PO 2013

08.09.2021

Compulsory Courses										
Responsible for Module	Lecturers	Module	CP	L	P/L	Σ SWS	Summer / Winter	Module ID	Σ CP	Σ SWS
Klocke	Brumm	Gear and Transmission Technology	6	2	2	4	w	4011427	41	26
Klocke	Klocke	Manufacturing Technology II	6	2	2	4	s	4011447		
Brecher	Brecher	Mechatronics and Control Techniques for Production Plants	6	2	2	4	w	4011451		
Schuh	Schuh	Production Management B	5	2	2	4	s	4011472		
Schmitt	Schmitt	Quality Management	6	2	2	4	w	4011453		
Reisgen	Reisgen	Welding and Joining Technologies	6	2	2	4	s	4011441		
N.N.	N.N.	German Language Course	6	2	0	2	sw	4013375		
		Master Thesis	30				sw		30	

Elective Courses										
Responsible for Module	Lecturers	Module	CP	L	P/L	Σ SWS	Summer / Winter	Module ID	Σ CP	Σ SWS
Jeschke, S.	Jeschke, S.	Advanced Software Engineering	5	2	2	4	w	4011468	19	*
Abel	Abel	Control Engineering	5	2	1	3	w	4011476		
Schuh	Dannapfel	International Factory Planning	6	2	2	4	s	4011481		
Klocke	Klocke	High Precision Glass Optics Manufacturing	5	2	2	4	w	4017864		
Schuh	Schuh / Stich	Industrial Logistics	5	2	1	3	s	4011473		
Markert	Markert	Intelligent Monitoring of Engineering Systems	5	2	1	3	s	4021494		
Jacobs	Jacobs	Machine Design Process	6	2	3	5	w	4012285		
Brecher	Brecher	Machine Tools**	5	2	2	4	w	4011460		
Markert	Markert	Mechanics of Forming Processes	5	2	2	4	w	4011512		
Klocke / Eckstein	Klocke / Eckstein	Mini Thesis **	9	0	0	270	sw	4014447		
Schulz	Schulz	Modelling, Model Reduction and Simulation in Laser Processing	5	2	2	4	s	4013861		
Schulz	Schulz	Modelling, Model Reduction and Simulation in Laser Processing II	5	2	2	4	w	4014454		
Markert	Markert	Molecular Mechanics and Multiscale Modelling of Materials	5	2	2	4	w	4011511		
Corves	Corves	Multi Body Dynamics	5	2	2	4	s	4011487		
Klocke	Klocke	Process Chains for Replication of Complex Optical Components	3	2	2	4	s	4011474		
Schmitt	Schmitt	Production Metrology	5	2	2	4	s	4011467		
Jacobs	Jacobs	Tribology	6	2	2	4	w	4011475		

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

** Only for Tsinghua University exchange Students