PSE Curriculum

INTERNATIONAL ACADEMY | RWTH AACHEN UNIVERSITY

Compulsories (35 CP)	WS			SS			WS		
	L	E	CP	L	E	CP	L	E	CP
Mechatronics and Control Techniques for Production Plants	2	2	6						
Quality Management	2	2	6						
Gear and Transmission Technology	2	2	6						
Manufacturing Technology II				2	2	6			
Production Management B				2	2	5			
Welding and Joining Technologies				2	2	6			
Electives	**19**								
Master Thesis							**30**		
German Language Course			**6**						
Sum of workload per semester (recommended)	**30**			**30**			**30**		

Electives (19 CP)	L	E	CP	Term	
Industrial Logistics	2	1	5		SS
Multibody Dynamics	2	2	6		SS
Factory Planning	2	2	6		SS
Modeling, Model Reduction and Simulation in Laser Processing I	2	2	5		SS
Production Metrology	2	2	5		SS
Process Chains for Replication of Complex Optical Components	1	1	3		SS
Control Engineering	1	1	3	WS	
Advanced Software Engineering	2	2	5	WS	
Machine Design Process	2	2	5	WS	
Modeling, Model Reduction and Simulation in Laser Processing II	2	2	5	WS	
Tribology	2	2	5	WS	

Compulsories	**35 CP**
Electives	**19 CP**
German Language Course	**6 CP**
Master Thesis	**30 CP**
Sum of workload in total	**90 CP**

WS = Winter Semester
SS = Summer Semester
L = Lecture
E = Exercise
CP = Credit Points