

Full Curriculum Automotive Engineering

S U B J E C T	WS			SS			WS			SS			ECTS credits	SWS
	L	E	P	L	E	P	L	E	P	L	E	P		
COMPULSORY COURSES														
Automatic Control	3	2											7	5
Automotive Engineering I & II	2	1		2	2	1							12	8
Automotive Engineering III							2	1	1				6	4
Internal Combustion Engine Fundamentals	2	1											5	3
Production Management A (or I)	2	2											5	4
Quality Management							2	1					5	4
Systematic Engineering Design I	2	2											6	4
Tribology							2	2					6	4
Total Compulsory Courses	11	8		2	2	1	6	4	1				52	36
SPECIAL COURSES														
Dynamics of Machines II				2	2								5	4
Fundamentals of Lightweight Design							2	1					4	3
Industrial Engineering, Ergonomics and Work Organisation	2	1											4	3
Internal Combustion Engines I				2	2								5	4
Internal Combustion Engines II							2	2					5	4
Laser Technique II (Process)				2	2								5	4
Manufacturing Technology I & II	2	1		2	1								8	6
Mechatronic Systems				2	2								5	4
Structural Design of Vehicles				2	1								4	3
Alternative Vehicle Propulsion Systems				2	1								4	3
Vehicle Acoustics				2	2								5	4
Welding Technology I				2	1	1							5	4
Total Special Courses													24	18
GERMAN LANGUAGE COURSE	(2)	(2)		(2)	(2)		(2)	(2)					6	4
Total German Language Course													6	4
INDUSTRIAL INTERNSHIP	9 weeks											9		
MINI THESIS	260 hours											9		
MASTER THESIS	4 months											20		
TOTAL CREDITS	31			29			31			29			120	58