Booklist propaedeutic year 2021-2022

Automotive Engineering – HAN University of Applied Sciences, School of Engineering and Automotive

Period	Unit (OWE)	Book / material	ISBN	Author
Needed throughout the programme		Olimexino STM32 microcontroller – for sale in the FEM shop	–	–
Needed throughout the programme		Bosch Automotive Handbook, 10th edition	9781119530817	Robert Bosch GmbH
Semester 1				
Block 1				
	Project 1	–	–	–
	Saving energy in a vehicle	Readers via OnderwijsOnline	–	–
	Making it sell	Lean thinking: elimineer verspillingen en creëer waarde in uw organisatie, 1st edition	9789078413066	James P. Womack, Daniel T. Jones
	Mathematics 1	Basisboek wiskunde, 2nd edition	9789043016735	Jan van de Craats, Rob Bosch
	Mechanics 1	Custom Engineering Mechanics: Statics plus MasteringEngineering (2 years), SI edition, 14/E	9781292089331	Russell C. Hibbeler, Peter Schiavone
	CAD	–	–	–
Block 2				
	Project 2	Projectmanagement op basis van IPMA-D, 1st edition	9789401801881	B. Hedeman
	Build my company	–	–	–
	Spark ignition (PT part)	Internal Combustion Engine Fundamentals, 2nd edition	9781260116106	John Heywood
	Spark ignition (AE part)	Readers	–	–
	Mathematics 2	See Mathematics 1	–	–
	Mechanics 2	See Mechanics 1	–	–
Semester 2				
Block 3				
	Project 3	–	–	–
	Compressed ignition	See Spark ignition	–	–
	Analyzing vehicle systems	The Automotive Chassis, vol. 1: Components Design	9781402086748	Giancarlo Genta
	Mechanics 3	See Mechanics 1	–	–
Block 4				
	Calculating and packaging	To be announced	–	–
	CAD	Manual of Engineering Drawing	9780080966526	Simmons

	Presenting like a pro	None	–	–
	Diagnosis and communication	Readers	–	–
	Dynamics	Custom Engineering Mechanics: Dynamics plus MasteringEngineering (2 years), 14th edition	9781784498030	Pearson
	Mathematics 3	Vervolgboek wiskunde	9789043016193	Jan van de Craats

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