

HAN Institute Engineering

Literature list - Bachelor Mechanical Engineering 2019-2020 - Propedeutical phase (Semester S1 and Semester S2)

ISBN number	Compulsary literature Title	Author	Edition	Price	1st Year S1	1st Year S2
9789001888060	Design Handbook, a methodical framework	Zeiler, W.	1	€ 50,95		x
9781292088723	Engineering Mechanics: Dynamics in SI Units, 14/E	Hibbeler, R.	14	€ 64,94	x	
9781292089232	Engineering Mechanics: Statics in SI Units, 14/E	Hibbeler, R.	14	€ 70,10	x	
9789024407309	Industrial Production, the manufacture of mechanical products	Prof. dr. ir. H.J.J. Kals, Ir. C.A. van Luttervelt, Ir. K.A.	1	€ 78,95	x	
9780080966526	Manual of Engineering Drawing	Simmons, C. H.	4	€ 42,60	x	x
9780081023761	Materials: Engineering, Science, Processing and Design	Michael Ashby, Hugh Shercliff, David Cebon	4	€ 70,35	x	x
9781292178202	Mechanics of Materials in SI Units, 10th Edition	Hibbeler, R.	10	€ 66,27	x	
9781285056487	Principles of Engineering Thermodynamics, SI Edition	Reisel, J.	1	€ 69,29		x
9789001812591	Report writing for readers with little time	Elling, R.	1	€ 49,95	x	x
9789039526958	Roloff/Matek machineonderdelen / deel Tabellenboek	Muhs c.s.	5	€ 31,50	x	
9789813151000	Shigley's Mechanical Engineering Design (SI version)	Budynas, Richard, G.	10	€ 66,44	x	
9780582239876	Solving problems in Fluid Mechanics Volume 1	Douglas, J.F.	3	€ 71,37		x

Book for Electrical Engineering to be determined

General requirements

calculator (with mathematical functions)	Casio fx-82MS or Texas Instruments TI-30Xa				x	x	
laptop specifications	https://www.han.nl/opleidingen/bachelor/werktuigbouwkunde/vt/star ten/laptop/				x	x	
drawing materials	standard pencils or mechanical pencils (HB of B), geometric triangle, finelinerset (black and grey), balpoints, A4 drawing paper				x	x	
vernier caliper			about	€ 20,00	x	x	via teacher
VCA-VOL coursebook	PBNA		5.2	€ 17,00	x		via teacher
personal protective equipment	provided by education institute						via teacher

Readers via campusstore

readernr. 6119	PTEC-2: Injection moulding			€ 12,80	x		campusstore
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Software

CES Edupack	Granta Design			HAN license	x	x	via teacher
DrStat	Fingertips			€ 7,50	x	x	via teacher
	cardset 'Engineering Methods Pack'			€ 5,00	x	x	campusstore
Minitab	Minitab			HAN license		x	via teacher
MS Office with Word, Excel and Powerpoint	Microsoft				x	x	via SURFspot
ProfiCAD	Digital River			HAN license		x	via teacher
Solid Works	CAD2M			HAN license	x	x	via teacher
SoWiSo	License for digital learning environment WIS and e-reader can be purchased in the first lesson week.			€ 32,50	x	x	via teacher