

HAN University of Applied Sciences - School of Engineering and Automotive
Bachelor Mechanical Engineering - Literature list and other study resources - 2023-2024 academic year 1)

ISBN number	Compulsory literature Title	Author	Edition	Price ¹⁾	1st Year	1st Year	2nd Year	2nd Year
					S1	S2	S3	S4
S1 = Semester 1 - Septe S2 = Semester 2 - Fel								
9789001888060	Design Handbook, a methodical framework	Zeiler, W.	1	€ 58,95	C	C		
9781630575526	Engineering Analysis with SOLIDWORKS Simulation 2023	Kurowski, P.	ebook	€ 56,70			C	C
9781292088723	Engineering Mechanics: Dynamics in SI Units	Hibbeler, R.C.	14	€ 48,99			C	
9781292444024	Engineering Mechanics: Statics in SI Units	Hibbeler, R.C.	15	€ 92,14			C	
9789813157880	Fluid Mechanics: Fundamentals and Applications	Cengel, Y.A., Cimbala, J.M.	4	€ 66,28		C		
9789024427390	Industrial Production, the manufacture of mechanical	Prof. dr. ir. H.J.J. Kals, Ir. C.A. van	2	€ 94,50	C		C	
9780128184820	Manual of Engineering Drawing	Simmons, C. H.	5	€ 48,99	C	C		
9780081023761	Materials: Engineering, Science, Processing and Design	Michael Ashby, Hugh Shercliff, David Cebon	4	€ 65,99	C	C	C	
9781292178202	Mechanics of Materials in SI Units, 10th Edition	Hibbeler, R.C.	10	€ 60,99	C		C	
9789001575625	Project Management, a practical approach	Grit, R.	5	€ 38,99		C		
9789001812591	Report writing for readers with little time	Elling, R	1	€ 69,95	C	C		
9990002081002	VCA-VOL / VIL-VCU book English version 5.5	PBNA	1	€ 60,00	C			

C = compulsory / O = optional

Minor Semiconductor Packaging (semester 7) Course material, documents, articles and references will be provided during the minor.

General requirements								
Calculator (with mathematical functions)	Casio fx-82... of Texas Instruments TI-30...				x	x	x	x
Laptop specifications	https://www.han.nl/opleidingen/bachelor/werktuigbouwkunde/vt/starten/laptop/				x	x	x	x
Vernier calliper	via teacher	about	€ 20,00		x	x	x	x
Personal protective equipment	provided by education institute	via teacher			x	x	x	x

Readers via campusstore								
readernr. 7953	Introduction to automation and logical circuits	via # OO (pdf) of via HAN Webshop		€ 5,05		x		
readernr. 7957	Exercises Dynamics	via HAN Webshop		not yet known	x		x	
readernr.7955	Exercises Statics	via HAN Webshop		not yet known	x			
readernr. 6119	PTEC-2: Injection moulding	via campusstore		€ 12,80	x			
readernr. ...	Composite Materials - an introduction (R.P.L. Nijssen)	will be provided for free					x	
readernr. 7939	Heat theory for technicians -Chapter 1 and 2					x		
readernr. 7941	Heat theory for technicians -Chapter 3, 4, 6	via HAN Webshop		€ 22,70				x
readernr. 7918	Feedback control of dynamic systems	via HAN Webshop		€ 19,15				x
readernr. 7512	Internal Combustion Engines	will be provided for free						x
readernr. 7198	Heat transfer	will be provided for free						x
readernr. 7920	Electrical Engineering for Mechanical Engineers and other technicians			€ 36,20		x		
	Info under content ENG 2122 S5 - stage / internship	via #OO						
	Graduation guide current edition on "ENG - S8 Afstuderen / Graduation Internship"	via #OO						
reader (WTO2)	The reader contains the for this course relevant chapters of	via teacher		not yet known	x			

Software								
Granta Edupack	Granta Design	via teacher		HAN license	x	x		
CoDeSys		via teacher		HAN license		x	x	
DrStat	Fingertips	via teacher		€ 7,50		x		
Labview software	National instruments			HAN license				x
Minitab		via teacher		HAN license		x		
Matlab Simulink				Via Surfspot				x
Microsoft Office with		via SURFspot			x	x	x	x
Siemens NX + NASTRAN	Educational license			HAN license			x	
Solid Works		via teacher		HAN license	x	x		
	Online licentie www.vaardigcommunicerenindetechniek.nl inc. Online boek & TrainTool (2.jaar).				x			
SoWiSo	License for digital learning environment WIS can be purchased in the first lesson week.			€ 22,50	x	x		
Traintool		via HAN-webshop		ca. € 20,-	x	x	x	x

version 03-07-2023 ¹⁾ Subject to price changes and typing errors