

HAN University of Applied Sciences - School of Engineering and Automotive
Bachelor Mechanical Engineering - Literature list and other study resources - 2026-2027 academic year 1)

ISBN	Compulsory literature	Author	Edition	Price ¹⁾	1st Year	1st Year	2nd Year	2nd Year	3rd Year	3rd Year	4th Year	4th Year	Remarks ²⁾
number	Title				S1	S2	S3	S4	S5	S6 ²⁾	S7	S8	
S1 = Semester 1 = September - February, S2 = Semester 2 = Februari - July.													
9781630575526	Engineering Analysis with SOLIDWORKS Simulation 2023	Kurowski, P.	2023	€ 91,70			C	C					Option: purchase ebook via Apple Books, Google Play Books, RedShelf and VitalSource
9789043039659	Engineering Mechanics: Dynamics in SI Units	Hibbeler, R.C.	15	€ 78,95			C						13nd and 14th etdition also allowed. The online program MasteringEngineering is used in Dynamics. Students need a login code which can be found inside the book. Without the login code participation in the compulsory seminar and the exam is not possible. Purchase it at Pearson: https://www.pearson.com/en-gb/subject-catalog/p/engineering-mechanics-dynamics-si-units/P200000009992/9781292451961
9781292444031	Engineering Mechanics: Statics in SI Units	Hibbeler, R.C.	15	€ 90,05			C						2nd year: 11th, 12th, 13th and 14th edition allowed. The online program MasteringEngineering is used in Mechanics. Students need a login code which can be found inside the book. Without the login code participation in the compulsory seminar and the exam is not possible
9990002072178	Engineering methods pack (cards)			€ 6,75								C	Purchase at the Campus store
9789813157880	Fluid Mechanics: Fundamentals and Applications	Cengel, Y.A., Cimbala, J.M.	4	€ 88,91		C							Purchase via Managementboek.nl.
9789024427390	Industrial Production, the manufacture of mechanical products	Prof. dr. ir. H.J.J. Kals, Ir. C.A. van Luttervelt, Ir. K.A. Moulijn	6	€ 99,95	C		C						Can also be purchased via: https://www.boom.nl/hoger-onderwijs/100-8582-Industrial-Production-sixth-edition .
9780128184820	Manual of Engineering Drawing	Simmons, C. H.	5	€ 75,00	C	C							
9781292725734	Mechanics of Materials in SI Units, 10th Edition	Hibbeler, R.C.	11	€ 79,61	C		C						2nd year: 10th edition allowed.
9789001078232	Project Management, a practical approach	Grit, R.	6	€ 52,95		C			C			C	For S5 and S8: the 5th edition is also permitted.
9789001812591	Report writing for readers with little time	Elling, R	1	€ 80,95		C			C			C	
9789083511528	VCA-VOL / VIL-VCU book English version 5.8	PBNA	1	€ 65,00	C								Order via www.pbna.com (Please mind: access ebook is only 3 months, so only order right before the VCA lecture at school!)

C = compulsory / O = optional / R = recommended

Minor	Course material , documents, articles and references will be provided during the minor.
Semiconductor	

General requirements

Calculator (with mathematical functions)	Casio fx-82... of Texas Instruments TI-30...				x	x	x	x	x	x	x	x	
Laptop specifications	https://www.han.nl/opleidingen/bachelor/werkuigbouwkunde/vt/starten/laptop/				x	x	x	x	x	x	x	x	
Vernier caliper	For sale in construction market	about	€ 20,00	x									
Safety glasses	For sale in construction market			x									
Personal protective equipment	via teacher, provided by education institute			x	x	x	x	x	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										
readernr.7955	Exercises Statics	via HAN Webshop	not yet known										
readernr. 6119	PTEC-2: Injection moulding	via campusstore	€ 12,80	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										
readernr. 7512	Internal Combustion Engines	will be provided for free											
readernr. 7198	Heat transfer	will be provided for free											
readernr. 8303	Math for higher education part A (translation of Dutch book Noordhoff)			x	x								
reader (WTO2)	The reader contains the for this course relevant chapters of the book "Ise Shigley's Mechanical Engineering Design"	via teacher	not yet known										
	Introduction to methodical design		not yet known	x									

Software

Granta Edupack	Granta Design	via teacher	HAN license	x	x								
CoDeSys		via teacher	HAN license		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		via SURFspot		x	x	x	x	x	x	x	x	x	
Solid Works		via teacher	HAN license	x	x								

version 05-07-2026 ¹⁾ Subject to price changes and typing errors

²⁾ 3rd Year, S6: Within the PLC, students decide in consultation with Senior Engineers, Experts and business supervisors which literature they need. They also determine in 3) In this column you will find additional information on how to purchase the books. You can purchase the books via any random bookstore/site or via Studiewinkel.nl. If

First year, semester 1 and 2: [Boekenlijst Mechanical Engineering - Year 1 - Semester 1 and 2 | Studiewinkel.nl](#)
Second year, semester 3 and 4: [Boekenlijst Mechanical Engineering - Year 2 - Semester 3 and 4 | Studiewinkel.nl](#)
Year 3 and 4, semester 5, 6 and 8: [Boekenlijst Mechanical Engineering - Year 3 and 4 - Semester 5, 6 and 8 | Studiewinkel.nl](#)