

HAN University of applied sciences - Academie Engineering en Automotive  
Automotive FT - Academic year 2024-2025 <sup>1)</sup>

Books

ISBN	Required literature	Auteur	Edition	Price <sup>1)</sup>	1st year	1st year	2nd year	2nd year	3rd year	3rd year	4rd year	4rd year	Notes <sup>3)</sup>	
number	Titel				S1	S2	S3	S4 <sup>2)</sup>	S5	S6 <sup>2)</sup>	S7	S8		
					S1 = Semester 1 = september - februari, = Semester 2 = februari - juli.								S2	
9789001035341	The Basics of Financial Management	Brouwers, M.P., Koetsier, W.	6	€ 87,95			V							
9781119911906	Automotive Handbook	Bösch, R.	11	€ 101,95	A	A	A						Already in possession. An older version is allowed.	
9781292451961	Engineering Mechanics: Dynamics plus MasteringEngineering (2 jr) with Pearson eText plus Study Pack, SI Edition		15	€ 64,38		V							Purchase in consultation with teacher.	
9781292444031	Engineering Mechanics: Statics plus MasteringEngineering with Pearson eText, SI edition.	Hibbeler, R.C.	15	€ 101,14	V	V	V						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.	
9789024427390	Industrial Production	Kalls, H.J.J.	2	€ 97,50					V				S4: specialisation AD.	
9781260116106	Internal combustion engine fundamentals	Heywood, J.	2	€ 179,85			V							
9780743231640	Lean Thinking (English edition)	Womack, J.P., Jones, D.T.	20003	€ 22,95	V								Purchase the Dutch or the English edition.	
9780128184820	Manual of engineering drawing	Simons et al	5	€ 75,00					V				S4: specialisation AD.	
9781119453918	Materials Science and Engineering, SI version	Callister, W.D., Rethwisch, D.G.	10	€ 59,95			V						Purchase the 9th or the 10th edition. Both are equally good.	
9783808519158	Mechanical and Metal Trades Handbook	Gomeringer, R.		€ 45,45		V	V							
9781292725703	Mechanics of Materials + Mastering Engineering (2 jr) with Pearson eText. (The online program MasteringEngineering is necessary. 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.)	Hibbeler, R.C.	11	€ 98,95			V			V			Purchase one of the books: R.C. Hibbeler: Mechanics of Materials ór Sterkteleer. For S6: 10th edition Mechcnics of Materials also allowed.	
9789401810920	Projectmanagement op basis van ICB versie 4	Hedema, B., Riepma, R.	4	€ 80,61	A									
9789001812591	Report writing for readers with little time	Elling, A.D.		€ 73,95			A							
9789043034067	Sterkteleer (in Dutch)	Hibbeler, R.C.	9	€ 72,50						A			Purchase one of the books: R.C. Hibbeler: Mechanics of Materials ór Sterkteleer.	
9780750650540	The Automotive Chassis Engineering Principles	Reimpell, J., Stoll, H.	2	€ 95,98			V	V					S4: specialisatie VT.	
9781118971352	Vehicle Dynamics	Meywerk, M.		€ 96,99				V					S4: specialisation AD.	
n.a.	E-Book B-VCA VOL VIL (English)	Koninklijke PBNA		€ 16,50	V								Puchage via site: Koninklijke PBNA	

V = verplicht / O = optioneel / A = aanbevolen

Minor Lightweight

9789077812518	Composieten Basiskennis - bbook (Dutch editon)		3								V		Bbook can only be purchased 2nd hand.
	Composieten Basiskennis - ebook (Dutch edition)	Available at <a href="https://www.inholland.nl/media/12080/composieten-basiskennis-3e-druk-nl.pdf">https://www.inholland.nl/media/12080/composieten-basiskennis-3e-druk-nl.pdf</a>	3								V		A free download is available via Studiewinkel.
9789077812471	Composite Materials: an introduction - bbook (English edition)		3								V		Bbook can only be purchased 2nd hand.
	Composite Materials: an introduction - ebook (English edition)	Available at <a href="https://compositesnl.nl/wp-content/uploads/2019/10/Composites-an-introduction-1st-edition-EN.pdf">https://compositesnl.nl/wp-content/uploads/2019/10/Composites-an-introduction-1st-edition-EN.pdf</a>	3								V		A free download is available via Studiewinkel.
9789078094616	Finite Element Method Part 1	Hofman, G.E.		€ 27,50							V		Optie: aanschaffen via BOL.com
9789078094807	Finite Element Method Part 2	Hofman, G.E.		€ 44,50							V		Optie: aanschaffen via BOL.com
9780947817961	Handbook of Sandwich Constructions	Zenkert, D.	1								V		niet meer te koop, wordt digitaal verstrekt
	Introduction to Aerospace Structures and Materials	Alderliesten, R.	2018								V		download: <a href="https://doi.org/10.5074/t.2018.003">https://doi.org/10.5074/t.2018.003</a>
9789043034067	Sterkteleer (in Dutch) - 2e en 8e druk ook toegestaan	Hibbeler, R.C.	9	€ 72,50							V		Purchase one of these two titels. Optie: aanschaffen via BOL.com
9781292725703	Mechanics of Materials (in English) - 9th and 10th edition also allowed	Hibbeler, R.C.	11	€ 98,95							V		
9781118319222	Materials Science and Engineering, SI version - 9th edition also allowed	Callister, W.D., Rethwisch, D.G.	9								V		

General essentials

rekenmachine	Casio fx-82... of Texas Instruments TI-30...				x	x	x	x	x	x	x	x	
laptop specificaties	<a href="https://www.han.nl/opleidingen/bachelor/werktuigbouwkunde/vt/starten">https://www.han.nl/opleidingen/bachelor/werktuigbouwkunde/vt/starten</a>				x	x	x	x	x	x	x	x	

Software/hardware

	Abaqus	Free limited student version, full-version available on HAN computers.										x	
	Altair EsaComp & MatLab.											x	
	Matlab Simulink + HAN Coder en HAN-Tune				x	x	x	x			x		
	Matlab/Simulink/Simscape								x				
	Olimexino (STM-32 F3)	Aanschaffen bij Campusstore. Micro-USB kabel nodig.			x	x		x					
	Solidworks & PC-frame				x			x			x		
Reader 8303	Reader Math for higher education part A				x	x							
	Olimexino shield			€ 7,00				x					VEC Purchase via ARLA
	Microsoft Office met o.a. Word, Excel en Powerpoint	Via Surfspot			x	x	x	x	x	x	x	x	

Version 25-06-2024 <sup>1)</sup> Price changes and typing errors reserved

<sup>2)</sup> S4\*/S6\*: literature in consultation with the lecturer.

<sup>3)</sup> 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 you choose Studiewinkel.nl, you can order the books via the links below:

First year, semester 1 and 2:

Second year, semester 3:

Second year, semester 4:

Third year, semester 6:

Minor Lightweight:

[https://studiewinkel.nl/lists/Eo\\_g95lp/Automotive-English-Full-time-Year-1-Propeadeutic-Year](https://studiewinkel.nl/lists/Eo_g95lp/Automotive-English-Full-time-Year-1-Propeadeutic-Year)

[Boekenlijst Automotive English Full-time - Year 2 - Semester 3 | Studiewinkel.nl](#)

[Boekenlijst Automotive 2024-2025 Voltijd - Jaar 2 - Semester 4 | Studiewinkel.nl](#)

[Boekenlijst Automotive 2024-2025 Voltijd - Jaar 3 - Semester 6 | Studiewinkel.nl](#)

[Boekenlijst Automotive English Full-time - Minor Lightweight | Studiewinkel.nl](#)