

HAN University of applied sciences - Academie Engineering en Automotive

Electrical and Electronic Engineering (EEE) FT - 2025-2026 ¹⁾

ISBN	Books	Author	Edition	Price ¹⁾	1st year	1st year	2nd year	2nd year	3rd year	3rd year	4th year	4th year	Remarks ³⁾
number	Titel				S1	S2	S3	S4	S5	S6 ²⁾	S7	S8	
					S1 = Semester 1 = September - February, S2 = Semester 2 = Februari - July.								
9781292014388	Data and Computer Communications, International Edition, B-book	Stallings, W.	10	€ 123,41			C						purchase: Bbook or Ebook.
of 9781292014395	Data and Computer Communications, International Edition, E-book			€ 58,10							See		
9781292223124	Electrical Engineering: Principles & Applications, Global Edition, B-book	Hambley, A.	7	€ 94,79	C	C	C				below		purchase: Bbook or Ebook.
of 9781292223209	Electrical Engineering: Principles & Applications, Global Edition, E-book			€ 58,10									
9781292024585	Electrical Machines, Drives and Power Systems, B-book	Wildi, Theodore	6	€ 112,74				C					purchase: Bbook or Ebook.
of 9781292037325	Electrical Machines, Drives and Power Systems, E-book			€ 54,67									
9781118803479	Electrical Power Systems Essentials, B-book	P. Schavemaker, L. van der Sluis	2	€ 74,71	C			C					purchase: Bbook or Ebook.
of 9781118803462	Electrical Power Systems Essentials, E-book			€ 56,99									
9781292222998	Electronic devices, Global Edition, B-book	Floyd, T.	10	€ 81,51			C						purchase: Bbook or Ebook.
of 9781292223018	Electronic devices, Global Edition, E-book			€ 47,89									
9781292274522	Feedback Control of Dynamic Systems, Global Edition, B-book	Franklin, F. en Powell, J.	8	€ 92,89			C			C			purchase: Bbook or Ebook.
of 9781292274546	Feedback Control of Dynamic Systems, Global Edition, E-book			€ 47,99									
9990002072178	Card set 'Engineering Methods Pack'		1	€ 6,75	C	C	C	C					purchase at the HAN Campus Store.
9781119818564	Power Electronics a First Course, B-book	Ned Mohan	2	€ 120,82				C		C			purchase: Bbook or Ebook.
of 9781119818588	Power Electronics a First Course, E-book			€ 34,54									
	Project Management, a practical approach	Grit, R.	5	€ 50,95	O		O	O	O				purchase in consultation with teacher
9789001812591	Report writing for readers with little time	Elling, R., Andeweg, B., Swankhuizen, C.	1	€ 76,95	C								

C = compulsory / R = recommended / O = optional

Minor Power (only in Dutch)

9789024428243	Duurzame Energietechniek	Entrop, B.	5								V		Books will be provided by Tennet.
9781118803479	Electrical Power Systems Essentials, B-book	Schavemaker, P.	2								V		
9789492610003	Power Quality	Cobben, S.	1								V		
	Safety shoes (s3) and helmet										V		Buy it yourself
	Software will be made available by the lecturer during class.										V		To be provided by teacher.

Software en algemeen:

	Analog Devices Active Learning Module ADALM2000	via school		€ 150,00	x	x							
	Calculator Casio FX 991EX	4971850092322 via studystore		€ 28,00	x	x	x	x	x	x	x	x	
	DMM RS Pro multimeter	via school			x	x							
	EE-SIM circuit simulator (freeware)				x	x	x	x					
	EasyEDA Online PCB Design Tool				x	x							
	EPOS Studio	free through company					x			x			
	Laptop				x	x	x	x	x	x	x	x	specifications: Electrical and Electronic Engineering Laptop specifications - Practical info on Electrical and Electronic Engineering (hanuniversity.com)
	Licentie Office365	via school		-									
	Matlab, Simulink, Stateflow and Control System Toolbox	via school		-			x	x		x			
	Microcontroller development kit	via school		€ 30,00		x							
	Microsoft Office met o.a. Word, Excel en Powerpoint v	Via Surfspot			x	x	x	x	x	x	x	x	
	Notes Physics (Mechanics), digital	Van de Eijnden/de Jongh/Ypma				x							
	SOWISO - Licence for digital mathematics learning environment.	via school		€ 50,00	x	x							
	Traintool	via webshop		ca. € 20,-	x	x	x	x					

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¹⁾ Subject to price changes and typing errors

²⁾ Within the PLC, the students decide which literature they need together with the senior engineer and expert. They also decide together which learning material is needed to carry out the project/research. The expert monitors the level of the literature and learning material.

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 you choose Studiewinkel.nl, you can order the books via the links below:

First year, semester 1 and 2:

[Boekenlijst Electrical & Electronic Engineering Fulltime - Year 1 - Semester 1 & 2 | Studiewinkel.nl](#)

Second year: semester 3 and 4:

[Boekenlijst Electrical & Electronic Engineering Fulltime - Year 2 - Semester 3 & 4 | Studiewinkel.nl](#)

Third year: semester 5 and 6:

[Boekenlijst Electrical & Electronic Engineering Fulltime - Year 3 - Semester 5 & 6 | Studiewinkel.nl](#)