

HAN University of applied sciences - Academie Engineering en Automotive
Embedded Systems Engineering FT - 2023-2024 (Engelstalig) ¹⁾

ISBN	Books	Author	Edition	Price ¹⁾	1st year	1st year	2nd year	2nd year	3rd year	3rd year	4rd year	4rd year		
nummer	Titel				S1	S2	S3	S4	S5	S6 ²⁾	S7 EVML	S8		
					S1 = Semester 1 - September 2023 - February 2024, S2 = Semester 2 - Februari t/m July 2024, etc.									
9780262042642	Circuit design and simulation with VHDL	Pedroni, V.A.	3	€ 73,07	C		C							
9781292014388 or 9781292014395	Data and Computer Communications, International Edition, B-Book Data and Computer Communications, International Edition, E-book	Stallings, W.	10	€ 60,99 € 58,84			C				See below.			
9781292223124 or 9781292223209	Electrical Engineering: Principles & Applications, Global Edition, B-Book Electrical Engineering: Principles & Applications, Global Edition, E-book	Hambley, A.	7	€ 67,99 € 49,99	C	C								
9783642034459	Feedback and Control for Everyone	Albertos, Pedro	1	€ 49,20			C							
9990002072178	Engineering Methods Pack - card set		1	€ 4,95	C	C	C	C						
9780471976318	Introductory digital signal processing with computer applications	Lynn, P.A. Fuerst, W. Thomas, B.	2	€ 62,09			C	C						
9789001575625	Projectmanagement - a practical approach	Grit, R.	5	€ 38,99	C	C	C	C	C					
9789001812591	Report writing for readers with little time	Elling, R., Andeweg, B., Swankhuizen, C.	1	€ 69,95	C									

C = compulsory / R = recommended / O = optional

Minor EVML

9788776815417	Digital Image Processing, Part I, e-book	Huiyu Zhou, Jiahua Wu, Jianguo Zhang (2010)									C	
9788776815424	Digital Image Processing, Part II, e-book	Huiyu Zhou, Jiahua Wu, Jianguo Zhang (2010)									C	
9781492032649	Hands-On Machine Learning with Scikit-Learn, Keras and TensorFlow	O'Reilly Media Inc.	2								C	
9781491937990	Learning OpenCV 3 "Computer Vision in C++ with the OpenCV Library"	Gary R. Bradski	1	€ 58,99							C	
Download	Qt Creator	via school		-							C	
Download	Matlab	via school		-							C	
Download	Open CV	via school									C	
Download	Python3										C	
Download	STM32CubelIDE										C	
	RaspberryPi (version 3B+ or higher)	via ARLE		€ 110,00							C	
Download	Scikit-learn, Keras and TensorFlow										C	

C = compulsory / R = recommended / O = optional

Software en algemeen:

Download	Advanced C	Onokiewicz, J.		-		x						
Download	An IDE suitable for rapid prototyping	via teacher/school		-	x							
Download	An IDE for programming and debugging the microcontroller application	via teacher/school			x	x						
	Calculator Casio FX 991EX			€ 28,00	x	x	x	x	x	x	x	x
	Calculator Casio fx-82MS			€ 10,00	x	x	x	x	x	x	x	x
Download	Qt Creator	via school		-	x	x						
	DMM RS Pro multimeter	via teacher/school		n.t.b.	x	x						
	Laptop				x	x	x	x	x	x	x	x
Download	Linux Ubuntu (Virtual Box)	via teacher/school		-		x						
	Microcontroller development board	via teacher/school		€ 25,00	x							
	Microsoft Office met o.a. Word, Excel en Powerpoint v	Via Surfspot			x	x	x	x	x	x	x	x
	Online licentie www.vaardigcommunicerenindetechniek.nl - incl. online boek & TrainTool (2 jaar), ISBN 3009010005781	Licentie moet worden aangeschaft via Boom.nl, via de volgende URL: https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.boomhogeronderwijs.nl%2Fproduct%2F100-10160_Vaardig-communiceren-in-de-Techniek-1e-druk-incl-TrainTool&data				x						
	SOWISO - Licence for digital learning environment for mathematics.	via teacher/school		€ 50,00	x	x						
	RaspberryPi 4, SenseHAT, 2x16GB SD-cards class 10, Adapter, PiCave, 2 netwerkkabels	via teacher/school		€ 110,00						x		
	Traintool	via HAN-webshop		ca. € 20,-	x	x	x	x				
	Terasic Technologies DE10-Lite Board	via teacher/school		€ 120,00	x		x					