

**HAN University of applied sciences - Academie Engineering en Automotive**  
**Electrical and Electronic Engineering (EEE) FT - 2025-2026 <sup>1)</sup>**

| ISBN                              | Books                                                                                                                                                  | Author                                   | Edition | Price <sup>1)</sup> | 1st year                                                                      | 1st year | 2nd year | 2nd year | 3rd year | 3rd year         | 4th year | 4th year | Remarks <sup>3)</sup>                 |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------|---------------------|-------------------------------------------------------------------------------|----------|----------|----------|----------|------------------|----------|----------|---------------------------------------|
| number                            | Titel                                                                                                                                                  |                                          |         |                     | S1                                                                            | S2       | S3       | S4       | S5       | S6 <sup>2)</sup> | S7       | S8       |                                       |
|                                   | The following applies to all books: if in doubt, do not purchase them                                                                                  |                                          |         |                     | S1 = Semester 1 = September - February,<br>S2 = Semester 2 = Februari - July. |          |          |          |          |                  |          |          |                                       |
| 9781292014388<br>of 9781292014395 | until you have consulted your lecturer!                                                                                                                | Stallings, W.                            | 10      | € 123,41<br>€ 58,10 |                                                                               |          | C        |          |          |                  | See      |          | purchase: Bbook or Ebook.             |
| 9781292223124<br>of 9781292223209 | Electrical Engineering: Principles & Applications, Global Edition, B-book<br>Electrical Engineering: Principles & Applications, Global Edition, E-book | Hambley, A.                              | 7       | € 94,79<br>€ 58,10  | C                                                                             | C        | C        |          |          |                  | below    |          | purchase: Bbook or Ebook.             |
| 9781292024585<br>of 9781292037325 | Electrical Machines, Drives and Power Systems, B-book<br>Electrical Machines, Drives and Power Systems, E-book                                         | Wildi, Theodore                          | 6       | € 112,74<br>€ 54,67 |                                                                               |          |          | C        |          |                  |          |          | purchase: Bbook or Ebook.             |
| 9781118803479<br>of 9781118803462 | Electrical Power Systems Essentials, B-book<br>Electrical Power Systems Essentials, E-book                                                             | P. Schavemaker, L. van der Sluis         | 2       | € 74,71<br>€ 56,99  | C                                                                             |          |          | C        |          |                  |          |          | purchase: Bbook or Ebook.             |
| 9781292222998<br>of 9781292223018 | Electronic devices, Global Edition, B-book<br>Electronic devices, Global Edition, E-book                                                               | Floyd, T.                                | 10      | € 81,51<br>€ 47,89  |                                                                               |          | C        |          |          |                  |          |          | purchase: Bbook or Ebook.             |
| 9781292274522<br>of 9781292274546 | Feedback Control of Dynamic Systems, Global Edition, B-book<br>Feedback Control of Dynamic Systems, Global Edition, E-book                             | Franklin, F. en Powell, J.               | 8       | € 92,89<br>€ 47,99  |                                                                               |          | C        |          |          | C                |          |          | purchase: Bbook or Ebook.             |
| 9990002072178                     | Card set 'Engineering Methods Pack'                                                                                                                    |                                          | 1       | € 6,75              | C                                                                             | C        | C        | C        |          |                  |          |          | purchase at the HAN Campus Store.     |
| 9781119818564<br>of 9781119818588 | Power Electronics a First Course, B-book<br>Power Electronics a First Course, E-book                                                                   | Ned Mohan                                | 2       | € 120,82<br>€ 34,54 |                                                                               |          |          | C        |          | C                |          |          | purchase: Bbook or Ebook.             |
|                                   | 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       | € 80,95             | C                                                                             |          |          |          |          |                  |          |          |                                       |

C = compulsory / R = recommended / O = optional

**Minor Power (only in Dutch)**

|               |                                                               |                 |   |  |  |  |  |  |  |  |   |  |                                   |
|---------------|---------------------------------------------------------------|-----------------|---|--|--|--|--|--|--|--|---|--|-----------------------------------|
| 9789024428243 | Duurzame Energietechniek                                      | Entrop, B.      | 5 |  |  |  |  |  |  |  | V |  |                                   |
| 9781118803479 | Electrical Power Systems Essentials, B-book                   | Schavemaker, P. | 2 |  |  |  |  |  |  |  | V |  | Books will be provided by Tennet. |
| 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 citrcuit 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 | <a href="#">specifications: Electrical and Electronic Engineering Laptop</a><br><a href="#">specifications - Practical info on Electrical and Electronic Engineering (hanuniversity.com)</a> |
|  | 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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<sup>1)</sup> Subject to price changes and typing errors

<sup>2)</sup> 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.

<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

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](#)