HAN_UNIVERSITY OF APPLIED SCIENCES

Degree Statute and Education and Examination Regulations Bachelor Automotive Engineering – Part 2, Chapter 9: Description of the education

Appendix to the Degree Statute and EER of the bachelor's programme Automotive / Automotive Engineering (CROHO 30018), full-time, 2021-2022. English version of the chapter adopted by the dean on 8 July 2021.

9. DESCRIPTION OF THE EDUCATION (THE UNITS OF STUDY)

This chapter describes the education of your programme as a curriculum overview and a description of the units of study: first the propaedeutic phase, then the post-propaedeutic phase and the minors. The programme is offered full-time in Dutch and in English, and part-time in Dutch; there is also a fast track Automotive MBO-HBO. From semester 4 onwards all education is in English, and students of the English-taught and Dutch-taught programmes follow it together.

CURRICULUM HAN AUTOMOTIVE FROM 2021-2022

Year / semester	Units of study (ECTS)
Year 1 – S1	Project 1: Fun to Drive & Efficient (2.5) · Saving Energy in a Vehicle (2.5) · Making it Sell (2.5) · CAD 1 (2.5) · Toolbox Math 1 (2.5) · Toolbox Mechanics 1 (2.5) · Project 2: Tuning 4 Business (5) · Build my Company (2.5) · Spark Ignition (2.5) · Toolbox Math 2 (2.5) · Toolbox Mechanics 2 (2.5)
Year 1 – S2	Project 3: When Every Second Counts (5, incl. integral test level 1) · Compressed Ignition (2.5) · Presenting like a Pro (2.5) · Analysing Vehicle Systems 1 (2.5) · Diagnosis and Communication (2.5) · Toolbox Mechanics 3 (2.5) · Dynamics (2.5) · Calculating & Packaging Components (2.5) · Toolbox Math 3 (5) · CAD 2 (2.5)
Year 2 – S3	Project Semester 3 (8) · Analysing Vehicle Systems 2 (4) · Toolbox Mathematics/Thermodynamics/Acoustics (3.5) · Toolbox Materials Science (3) · Understanding Material Strength (3.5) · Mechanical Fastening Technology (3) · Tweaking a Driveline (5)
Year 2 – S4	Project: Making your first step as a specialist in a team (10) · two specialisation modules of 10 ECTS from Powertrain, Vehicle Electronics and Control, Structural Design, Business Management, Vehicle Technology and Manufacturing
Year 3 – S5	Internship with specialisation (30, integral test level 2)
Year 3 – S6	Project Driving Innovation (25), in cooperation with and commissioned by companies, or the HAN Ecomarathon project; specialisation modules (5)
Year 4 – S7	Minor (30): minors of the School of Engineering and Automotive, other HAN minors or an external free minor

Year 4 – S8	Graduation with specialisation (30, integral test level 3)

9.1–9.7 FURTHER SECTIONS

For each unit of study the regulations state the code, the period, the credits and study load, the content and organisation, the learning outcomes and assessment criteria, the required literature and materials, and the examinations. The chapter further covers the minors of the programme, honours, talent and bridging programmes, the part-time variant, and tracks with a special character (accelerated, shortened, from associate degree to bachelor, top athletes).