



SYSTEMS AND
SOLUTIONS FOR FUTURE

Electrical and Automation Engineering

Bachelor of Engineering, 240 ECTS — 4 years

As a Bachelor of Electrical and Automation Engineering, you will be able to design, develop and implement new systems and solutions related to electrification and automation for the needs of industry, transport, housing, households and more.

The degree is focused on electrical engineering, the automation of production machines and equipment, production facility maintenance, distributed energy production applications and smart controls.

The degree programme makes use of the possibilities of new technology in a practical learning process that contains hands-on exercises. The powerful and inexpensive equipment of the new information technology offers many interesting opportunities in the field of electrical and automation technology.

WHAT WILL YOU BECOME?

Electrical and automation engineers typically work in high technology companies as planners and specialists, and with enough experience, in supervisory roles as well. Their work is most often done in multidisciplinary teams of specialists in an international environment.

Engineers specialized in electrical and automation engineering have the competence required for designing electrification and automation for smart buildings and industrial production equipment. The engineers are able to make use of their education in applying electrical and automation engineering to different application areas, such as lighting, traffic and lift control as well as robotics.

[www.hamk.fi/
automationengineering](http://www.hamk.fi/automationengineering)

HAMK
HÄMEEN AMMATTIKORKEAKOULU
HÅME UNIVERSITY OF APPLIED SCIENCES

Studying Electrical and Automation Engineering

Electrical and Automation Engineering programme is taught at HAMK's Valkeakoski Campus, 1,5 hours by bus from Finland's capital city Helsinki and 35 minutes from Tampere, the third biggest city of Finland.

LIFE IN THE CITY OF VALKEAKOSKI

Valkeakoski, in the centre of Finland's lakeland, invites you to enjoy its rich cultural offerings, lively summer events and high-level services. The city provides good living facilities, a wide range of freetime activities and an excellent basis for investment and success. A place to live life to the full.

There is around 21 000 inhabitants in the city of Valkeakoski. HAMK's Valkeakoski campus is located 3 km from the city centre. Student accommodation is located near to the campus and one of the houses has a lake-view!

More information:
www.hamk.fi/valkeakoski

APPLICATION:

Find out more information about application:

www.hamk.fi/applicants
askus@hamk.fi

TUITION FEES:

EU/EEA students

There is no tuition fee for EU/EEA students

Non EU/EEA students

€9700/academic year

More information and HAMK's scholarship system:

www.hamk.fi/tuition

WANT TO KNOW MORE?

www.hamk.fi/automationengineering
antti.aimo@hamk.fi / Head of the degree



HÄME UNIVERSITY OF APPLIED SCIENCES, HAMK

Häme University of Applied Sciences, HAMK has been offering applied research since 1840. Today, 179 years later we are still helping our students navigate their way to success. HAMK is committed to driving new ways of thinking in our ever-changing world with outstanding modern learning facilities and world-class education methods. We have over 7000 students from over 60 countries based in our seven campuses. HAMK connects students with the global community of engineering. HAMK graduates are desired experts in the labour market; they are global problem-solvers with a creative and progressive approach.

Häme University of Applied Sciences is a state recognize higher education institute licenced by Finland's Ministry of Education and Culture.

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