SeAMK

SEINÄJOEN AMMATTIKORKEAKOULU
SEINÄJOKI UNIVERSITY OF APPLIED SCIENCES

Study a semester or two in Finland:
PROFESSIONAL STUDIES IN TECHNOLOGY

• Exchange programme offered by the School of Technology of Seinäjoki University of Applied Sciences

WHAT IS THE PROGRAMME ALL ABOUT?

The programme offers studies in the fields of **Automation and Information Technology, Electronical Engineering and Electronics, and Mechanical Engineering**. The studies consist of general and professional studies, as well as possibilities for doing projects and thesis work. Studying in a multicultural group of students prepares the students for global working life. All courses are taught in English by local and visiting foreign professionals.

ENTRANCE REQUIREMENTS

• The applicants should be students enrolled at a partner university of Seinäjoki University of Applied Sciences.

• At least one year of prior studies in a relevant field of technology.

• Good English language skills to actively participate in the courses and study projects (preferably European level B2).

TIMETABLE:

Autumn semester: 2 Sep to 13 Dec 2019, applications via SoleMove system by 15 May 2019.
Spring semester: 7 Jan to 22 May 2020 or 17 Feb to 22 May 2020 (see page 2), application by 15 November 2019.
Application instructions: www.seamk.fi/how-to-apply-exchange-students
The partner institutions can nominate the students by email to incoming@seamk.fi one month before the application deadline.

STUDENT EXCHANGE CONTACT PERSONS:

Ms Tiina Ojanperä, Coordinator | Incoming student exchanges from European Erasmus+ countries | **tiina.ojanpera@seamk.fi**
Ms Maria Loukola, Coordinator | Incoming and outgoing student exchanges outside Europe | **maria.loukola@seamk.fi**

COURSE OFFERING

(Please note that changes in the programme are possible. The final Learning Agreement is always compiled with the programme coordinators after an approved application process.)

THE WORKLOAD PER SEMESTER IS APPROXIMATELY 30 ECTS CREDITS.

AUTUMN SEMESTER 2019
2 Sep - 13 Dec 2019

AUTOMATION TECHNOLOGY
• Machine Automation I, 4 ECTS
• Laboratory Assignments in Automation I, 4 ECTS
• Control Engineering, 3 ECTS
• Robotics, 4 ECTS

ELECTRICAL ENGINEERING AND ELECTRONICS
• Basics of Digital Technology, 4 ECTS
• Basics of Electronics / Electronic Components, 3 ECTS
• Advanced Electronics, 3 ECTS

INFORMATION TECHNOLOGY
• Embedded Systems, 4 ECTS

MECHANICAL ENGINEERING
• Automotive Laboratories, 4 ECTS
• Computer Aided Manufacturing, 2 ECTS
• Laboratory Assignments in NC Technology, 3 ECTS
• Production Simulation, 4 ECTS
• Mechanical Drawing and CAD, 5 ECTS

BUSINESS STUDIES
• Quality Management, 3 ECTS

PROJECT STUDIES
• Embedded Systems Project, 3 ECTS

LANGUAGES AND COMMUNICATION
• Finnish Language and Culture, 3 ECTS
• Intercultural Communication, 3 ECTS
• English Speaking Practice, 2 ECTS

SPRING SEMESTER 2020
7 Jan - 22 May 2020   OR   17 February - 22 May 2020*

IMPORTANT The recommended starting time for the spring semester is 7 January, but it is also possible to start on 17 February. Students starting in January are free to choose from ALL courses on the list below, but for those starting in February, only courses marked with an asterix (*) are available.

AUTOMATION TECHNOLOGY
• Machine Automation II, 4 ECTS
• Laboratory Assignments in Automation II, 4 ECTS *
• Concept Design, 3 ECTS *

ELECTRICAL ENGINEERING AND ELECTRONICS
• Laboratory Assignments in Electronics, 3 ECTS *
• Digital Signal Processing, 4 ECTS

INFORMATION TECHNOLOGY
• C++ Programming, 4 ECTS *
• Object-oriented Programming, 4 ECTS *

MECHANICAL ENGINEERING
• Hydraulics and Pneumatics, 5 ECTS

PROJECT STUDIES
• Embedded Systems Project, 3 ECTS *
• Project Work in Automation II, 6 ECTS *
• Software Project, 6 ECTS *
• Software Project B, 3 ECTS *

LANGUAGES AND COMMUNICATION
• Finnish Language and Culture, 3 ECTS *
• Technical English, 3 ECTS
• English Speaking Practice, 2 ECTS for one semester or max. 3 ECTS for the whole academic year *