

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, Construction Engineering 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: 3 September to 21 December 2018, application by 15 May 2018.

Spring semester: 7 January to 5 May 2019 or 18 February to 24 May 2019 (see page 2), application by 15 November 2018.

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 2018

3 Sep - 21 Dec 2018

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

CONSTRUCTION ENGINEERING

- BIM (Building Information Modelling), 3 ECTS
- Steel Structures I, 5 ECTS
- FEM (Finite Element Method), 3 ECTS
- Timber Structures I, 5 ECTS
- Log Construction, 2 ECTS
- Construction Laboratories, 5 ECTS
- Concrete in Harsh Conditions, 3 ECTS

BUSINESS STUDIES

- Quality Management, 3 ECTS

LANGUAGES AND COMMUNICATION

- Finnish Language and Culture, 3 ECTS
- Intercultural Communication, 3 ECTS
- English Speaking Practice, 2 ECTS

SPRING SEMESTER 2019

7 Jan - 5 May 2019 OR 18 February - 24 May 2019

IMPORTANT The recommended starting time for the spring semester is 7 January, but it is also possible to start on 18 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 asterisk (*) 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, 3-6 ECTS, depending on project
- Project Work in Automation II, 3-6 ECTS, depending on project *
- Software Project, 3-6 ECTS, depending on project *

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 *

CONSTRUCTION ENGINEERING AND MECHANICAL ENGINEERING

- Projects

