# Spend a semester in Finland: PROFESSIONAL STUDIES AT SCHOOL OF TECHNOLOGY

- Exchange programme in the fields of Automation Engineering, Information Technology and Mechanical Engineering
- Offered by the School of Technology of Seinäjoki University of Applied Sciences

#### What is programme all about?

School of Technology of Seinäjoki University of Applied Sciences (SeAMK) offers professional studies in English in the fields of Automation Engineering, Information Technology, and Mechanical Engineering, including Automotive and Work Machine Engineering. Also studies in the field of Construction Engineering are available at SeAMK, but not offered as exchange studies in academic year 2016-2017. Additionally, some degree programmes offer joint professional studies and the students are free to combine the professional studies of the various degree programmes. The studies consist of general studies and professional studies. Depending on the degree programme and the chosen courses, the students may acquire a considerable amount of ECTS points in one semester.



The basics of the studies of the respective degree programme and sufficient competence in English language are essential. The applicants should be students enrolled at a partner university of SeAMK. The length of studies is one academic semester, starting in the beginning of September and ending around mid-December. Also studies in the spring semester (usually from January until May, flexible) are open for discussion between the International Coordinators of SeAMK and the sending institution. Application deadline for the autumn semester is 15th of May and for the spring semester 15th of November.





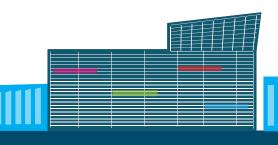
#### FOR FURTHER INFORMATION:

www.seamk.fi/exchangeprogrammes

Contact and applications: Ms Riikka Ala-Sankila International Coordinator riikka.ala-sankila@seamk.fi













# **COURSE OFFERING 2016 - 2017:**

# **Autumn semester**

(early September - mid-December 2016)

# Information Technology

Embedded Systems, 4 ECTS

# **Electrical Engineering and Electronics**

Basics of Digital Technology, 4 ECTS Basics of Electronics, 3 ECTS Advanced Electronics, 3 ECTS

# **Mechanical Engineering**

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

# **Automation Technology**

Machine Automation 1, 4 ECTS Laboratory Assignments in Automation 1, 4 ECTS Robotics, 4 ECTS

#### **Business Studies**

Quality Management, 3 ECTS

#### **Languages and Communication**

Finnish Language and Culture, 3 ECTS Intercultural Communication, 3 ECTS English Speaking Practise, 3 ECTS

# **Spring semester**

(January - May 2017, flexible)

#### Information Technology

Object-oriented Programming, 4 ECTS C++ Programming, 3 ECTS

#### **Electrical Engineering and Electronics**

Digital Signal Processing, 4 ECTS Laboratory Assignments in Electronics, 3 ECTS

# Mechanical Engineering

Hydraulics and Pneumatics, 5 ECTS

# **Automation Technology**

Machine Automation 2, 4 ECTS Laboratory Assignments in Automation 2, 4 ECTS Control Engineering, 3 ECTS

# **Project Studies**

Embedded Systems Project, 6 ECTS Project Work in Automation 2, 6 ECTS Software Project, 6 ECTS

#### **Languages and Communication**

English 3, 3 ECTS

