



# SPRING & SUMMER TRAINING

## **FITECH – FAST TRACK TO THE FUTURE OF TECHNOLOGY**

**Cooperative university FITech** creates the future of technology: it develops innovation capabilities in Finland and so improves our competitive advantage on the global markets. The FITech innovation community in Turku creates new cooperation models, bringing companies, universities, and students together. FITech provides a comprehensive view to studies in all Finnish universities of technology and to cooperation with the companies in the area.

16.–20.4.2018

## MSC COURSE: OPTIMIZATION OF SHIP ENERGY SYSTEMS (5 ECTS)

Visiting researcher PhD Francesco Baldi from Lausanne University of Technology (EPFL) teaches at Aalto University an intensive course on optimizing ship power systems. Check out this great opportunity!

 **Location:** Aalto-university, Espoo

 **More info & registration:** [www.fitech.io/opinnat/aalto-yliopisto](http://www.fitech.io/opinnat/aalto-yliopisto)

9.5.–24.8.2018

## SUMMER BOOST: TECHNOLOGY AND BUSINESS MODELS OF AUTONOMOUS SHIPS (10 ECTS)

Looking for something totally new to do next summer? Are you interested in the future of marine engineering? Best of all – you'll have the possibility to study whether you'll be spending your summer working or otherwise – the summer school is designed to be compatible with summer jobs.

 **Location:** Mostly you'll be free like a bird! In May, a few short intensive study sessions in Turku.

 **More info & registration:** [www.fitech.io/opinnat/aalto-yliopisto](http://www.fitech.io/opinnat/aalto-yliopisto)

Minor 2018

## INDUSTRIAL ICT (20 ECTS)

5 ECTS course: Seminar on Future Technologies in Industry – will be launched in May 2018!

 **Location:** Seminars are happening once a month. University of Turku, Turku

 **More info & registration:** [www.fitech.io/opinnat/turun-yliopisto](http://www.fitech.io/opinnat/turun-yliopisto)

14.–18.5.2018

## NEURAL NETWORKS (5 ECTS)

Introduction to artificial neural networks and their use in problem solving in engineering.

 **Location:** One week intensive course in Åbo Akademi, Turku

 **More info & registration:** [www.fitech.io/opinnat/abo-akademi](http://www.fitech.io/opinnat/abo-akademi)

Minor 2018

## CO-CREATION AND PLATFORM ECONOMY (20 ECTS)

Do you want to be part of a ground-breaking experience on learning? Do you want to become an active thinker and goer who contributes to the destiny of Finland and the World? If you answers are affirmative, we invite you to be part of our courses to prepare us to build our future together, today!

5 ECTS courses 'Co-creation and New Product Development' and 'Technological phenomena in context' are new and will be launched as part of the FITech studies on spring 2018. The course includes intensive periods that require a presence in Turku.

 **Location:** University of Turku, Turku

 **More info & registration:** [www.fitech.io/opinnot/turun-yliopisto](http://www.fitech.io/opinnot/turun-yliopisto)

10.4.-9.5.2018

## MATERIALS IN ENERGY TECHNOLOGY (5 ECTS)

Materials and their performance play an important role in various energy technology related processes. This course introduces high temperature properties and chemical as well as mechanical durability of metals and ceramic refractories used in typical environment of energy production via combustion of renewable and fossil fuels, as well as waste demolition.

 **Location:** Åbo Akademi, Turku

 **More info & registration:** [www.fitech.io/opinnot/abo-akademi](http://www.fitech.io/opinnot/abo-akademi)

Minor 2018

## USE AND CHARACTERISTICS OF STEEL (ABOUT 30 CREDITS)

The steel know-how minor focuses on the characteristics of steel and the use of steels in the manufacturing industries. Steel know-how is in very high demand. The strength of new grades of steel has increased considerably recently as their behaviour has changed both from the point of view of manufacturing and design.

Welding and heat treatment of metals, 5 ECTS

Welding metallurgy, 5 ECTS

 **Location:** Distance learning spring or fall 2018, studies offered by The University of Oulu

 **More info & registration:** [www.fitech.io/opinnot/oulun-yliopisto](http://www.fitech.io/opinnot/oulun-yliopisto)

# TECH TALENT'S FAST TRACK TO THE FUTURE

Join us to become a Master of Science in Technology in a new way!  
The FITech cooperative university provides studies at all Finnish universities of technology in Turku as a one-stop shop. You can also update or complement your current degree.

## STUDY FLEXIBLY

FITech makes studying flexible: programmes for Master of Science in Technology, minor studies, as well as different courses and projects together with companies.

## COOPERATE

Thanks to the university's close cooperation with businesses, you will be in close contact with companies and working life. Many of the studies can be taken while working.

## FIND A CAREER

Companies short of engineers in the region provide excellent opportunities to find a meaningful job in Southwest Finland, where you can enjoy a high quality of life, close to the nature.

→ [www.fitech.io](http://www.fitech.io)

