



EP2600 Future Networking Solutions 4.0 credits

Framtida nätverkslösningar

This is a translation of the Swedish, legally binding, course syllabus.

Establishment

Course syllabus for EP2600 valid from Spring 2019

Grading scale

A, B, C, D, E, FX, F

Education cycle

Second cycle

Main field of study

Electrical Engineering

Specific prerequisites

BSc in ICT related field, introductory business modeling course such as ME2072.

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

Understanding the process of business modeling and knowing how to define and analyze the building blocks (eg customer segments and relations, channels, value proposition; key activities, resources and partners; cost structure and revenue streams).

The ability to perform business development in context of a societal thematic area (such as Internet of things, and smart energy systems) and to understanding how technology and innovation interact with different stakeholders (competitors, alliances, networks, markets).

Understanding usability, business life-cycles, market segments and trends, and recognizing their relative importance for product and service development.

Knowing how to transform innovations into viable business solutions.

The ability to reflect upon ethical, societal, scientific and sustainability considerations when developing products, services and business models.

Course contents

Future networking technologies, business potentials and industry impact. Topics vary from year to year.

Disposition

Intensive summer course with invited speakers and project work.

Course literature

Articles, possibly book; given before the course starts.

Examination

- PRO1 - Project, 4.0 credits, grading scale: A, B, C, D, E, FX, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

If the course is discontinued, students may request to be examined during the following two academic years.

Other requirements for final grade

Completed project.

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.