Communications Engineering (CE) 2018-2020

Code: ELEC3029

Credits: Long major (60 credits)

Professor in charge: Riku Jäntti

Professors: Riku Jäntti, Jukka Manner, Heikki Hämäläinen, Raimo Kantola, Stephan Sigg, Tarik Taleb, Patric Östergård, Risto Wichman, Olav Tirkkonen, Jyri Hämäläinen, Antti Oulasvirta

Pääaine suomeksi: Tietoliikennetekniikka

Huvudämne på svenska: Datakommunikationsteknik

Abbreviation: CE

School: Electrical Engineering

Objectives

The major in Communications Engineering gives a solid understanding of Internet technologies, wireless communications and communications ecosystems - from concepts, technologies and methodologies perspective. Education includes both theoretical and practical aspects of Communications Engineering, preparing the students for a successful career in industry, research organizations or in postgraduate studies without forgetting the professional language and communications skills learned during the education. Students are encouraged to include international, multidisciplinary, and entrepreneurial components as part of their studies.

Content and structure

The major offers three different study tracks: Wireless Communications, Internet Technologies and Communications Ecosystem. The tracks consist of compulsory part and optional part. Student must follow one of the study tracks. The courses for the optional part of the track must be chosen from the course list specified for that track. In the major there are three courses common to all tracks.

You will find study tracks and recommended study schedules under Planning your studies.

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