Welcome to Faculty of Information Technology and Electrical Engineering (ITEE)
Faculty of Information Technology and Electrical Engineering (ITEE) in brief

- 12 Research Units
- ~500 experts
- ~40 professors
- ~150 M.Sc. degrees annually
- International staff > 35%

- Disciplines:
  - Electronics
  - Communications Engineering
  - Computer Science and Engineering
  - Information Processing Science
FAB LAB OULU

INTERNATIONAL MASTER’S PROGRAMMES

CSE – Computer Science and Engineering (45)

BME – Biomedical Engineering: Signal and Image Processing (10, total 20)

WCE – Wireless Communications Engineering (includes 2 DD-programmes) (30+15)

GS3D – Software, Systems and Services in the Global Environment (40)

EMSE – European Master in Software Engineering (Double Degree) (15)

Bachelor Program (100) with Nanjing Institute of Technology (NJIT) on Software Engineering (China)

- Application period to Master’s programmes in Oulu is in January 2020 (studies begin in September 2020)

FAB LAB HAS PROVEN TO BE AN EXCELLENT ENVIRONMENT FOR EVERYONE - CHILDREN, FAMILIES, TEACHERS, UNIVERSITY STUDENTS, RESEARCHERS,…

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ITEE – International Coordinator

- Academic guidance, learning agreements, arrival and departure documentation etc.

- Virpi Parkkila
  E-mail: virpi.parkkila@oulu.fi
  Tel: +358-400-685961
  Office: Tietotalo, door E, room TS110
  Visiting Hours: Mon-Fri 10 am – 2 pm
ITEE - Faculty Study Affairs

- Visiting Address: Tietotalo, Door E, 1st floor (ground floor)
- E-mail: study.itee@oulu.fi

Academic Affairs Secretaries (Room TS107)
- Visiting Hours: Mon-Fri 10 am – 2 pm

Information regarding support in studies:
https://www.oulu.fi/forstudents/node/54343
ITEE - Faculty Study Affairs

- If you have questions about study right or registration
- If you need an official transcript of records
- or other administrative things concerning your studies

You can send an e-mail: study.itee@oulu.fi or you can visit Faculty Study Affairs

You will find a lot of information in website:
https://www.oulu.fi/university/studentexchange
https://www.oulu.fi/forstudents/#6236
Checklist

- Student union fee payment
  - Tellus and OYY Student Union office

- Registration to university
  - Show the receipt to study affairs secretary (at Tellus)

- Finnish ID number
  - Local Register Office or Immigration office (if Right of Residence in Finland is needed)

- Digital student card
  - Finnish ID number is needed
Student and Staff Cafeterias and Restaurants

- Digital student card entitles you to inexpensive meals in Linnanmaa and Kontinkangas campus
- Show the receipt of student union membership fee till you get the digital student card
- The cost of one meal is approx. 2.60 eur
- Some restaurants are open till the evening and on Saturdays
- Restaurant Vanilla in a centre (Address: Torikatu 34-40)
Studies at the university

- 1 year = 60 ects = 1600 hr student work
- 1 ects = 27 hours of student work (25-30 in EU)
- Typical course:
  - 5 ects (130 h work – ca. half of it independent work)
  - duration 7-9 weeks (1 period)
  - 25-30 h lectures (200+ pages handouts)
  - 14 h exercises (100+ handouts)
  - small lab / design work, exam
- 3-4 courses going on simultaneously
Course material

- Most courses have handouts
- Library has a few copies of the textbooks
- Students often take photocopies of the material – material might be also sold by the paper shop
- Electronic material is often available either in open or password-protected web (electronic learning environment Optima or Moodle)
Some basic rules

- When individual performance is required a lab report / assignment must be done by yourself
- If a lab report is conducted as a team-work, it can be done and reported jointly. Might require explanation of your own contribution.

• In both cases, the report/content/programme etc. must be own work, not from someone else (other group, students, website etc)
- **Plagiarism is not allowed!**
- **Will be controlled, teachers can detect it.**
- Cases will be handled by University rules:
  Hearing, minutes, and for decision making to Vice Dean of the Faculty (responsible for education). Performance is failed. Dean can move decision to Rector (result can be warning or exclusion from the University)
Exams

- **Always solo (individual performance) and controlled**
- Registration to exam in weboodi latest one week before the exam
- Usually without material
- **Mobile phones are not allowed!**
- **Cheating and copying is kept watch!**
  - Will be informed to responsible teacher for sanctions
- Programmable calculators are usually not allowed
- You can use pencil; if you use pen do it only for fair copy (final without corrections)
- 1 exam after the course, 2 re-tries per year
Results for fraud and misconduct in studies

- If student participates in exam cheating (e.g. using smart phones, stored material, conversation, looking friend’s paper) or plagiarism (preparing course exercise report, or training report e.g. based on friend’s reports) a hearing is always conducted by ITEE dean of education, and punishment results.

- Even having mobile phone with you in exams results dean’s hearing

- Excuses are not taken in account if student participates in cheating. Clearly the risk of cheating is not worth of taken!
Grades

- Grading scale is 1-5 (1 = poor, 5 = excellent)
- Typically, 35-45% of points are needed for passing, more than 85-90% for excellent
- **The lab/design exercise may be part of grading (e.g. 20%) or just pass/fail**
- Failing is not a disaster (often 20-30% fails)
- Three exams per course yearly
  - Failing in one course usually does not prevent attending the following one
Tools for Studying

- Several tools to help in daily studies, and to monitor progress.
- You will get your personal user ID and password when registering to university.
- Student account is needed to access most web-tools.
- Your kummi student will help you to get familiar with these systems.
- 6 systems will be introduced next:
  - O365 → UO e-mails, Microsoft softwares (student edition)
  - TUUDO → timetable, credits, registrations, study news (smart phone-based)
  - WEBOODI → personal study register, all course info, course/exam registration
  - MOODLE → stored lecture & exercise materials
  - OPTIMA → stored lecture & exercise materials
  - Campus navigator → maps & places with smart phone app
Office 365

- Students will get their personal UO e-mail address and access for the Microsoft’s Office 365 for Education (O365) cloud service.
- Check UO IT admin services: http://www.oulu.fi/ict/
- Instructions to activate O365: http://www.oulu.fi/ict/office365
- O365 will offer students a free Outlook e-mail, and free cloud services, like Office Online applications (Word, Excel, PowerPoint, OneNote), calendar and OneDrive.
- NOTICE: Staff will use only official UO addresses to contact you, i.e. they will never contact you with your private e-mail addresses (Gmail, Hotmail, Yahoo, etc.).
- Format of official UO e-mail address designed to you is: pajuid@student.oulu.fi
- Remember every now and then check your O365 e-mail account in order not to miss important messages from teachers, coordinator, officers, etc..
- Instructions how to get O365 access can be found from: http://www.oulu.fi/ict/office365
Daily & weekly course calendars

- **TUUDO** [https://www.tuudo.fi/en/](https://www.tuudo.fi/en/)
  - Tuudo combines student and study services into one place.
  - Tuudo works in your **smart phone**

- **Features:**
  - Timetable for each day
  - Obtained credits and notifications of new credits
  - Credit statistics
  - Registration for courses and exams
  - Map of the University and room search
  - Menus of campus restaurants
  - Studying news
TUUDO: HTTPS://WWW.TUUDO.FI/EN/

Load this from Google Play or AppStore
Everyting study-related is in weboodi

- All student’s study-related history like contact addresses, course and exam registrations, leaves, course marks, etc. are stored there
- Closed environment, i.e. ID and password needed
- Course and exam registrations & exam results → everything is also seen in TUUDO
- Detailed description of courses, their schedule and classrooms: number of ECTS, prerequisites, learning outcomes, target group, timing, contents, mode of delivery, learning activities, assessment methods and criteria, grading, teacher’s contact e-mail

Enter your ID & password
You can search teachers, contents, learning outcomes, prerequisites, implementation, timetables, exams, room info, etc. of the whole academic year 1.8.2019-31.7.2020 for each course by typing course name or course code.
Course material and study group communication in Optima

- Interactive two-way channel for the purpose of communication between teacher and student
- Closed environment, i.e. all teacher’s material & communication are protected with ID and password
- Organised as folders for each course
- Lectures, class-exercises, exercise work share, instructions, etc. material is stored there
- Your Kummi will help you to find and use Optima.
- Because there are several Optima environments for different faculties, choose right Optima environment
- After log in:
  - Enter an environment: → Oulun yliopisto, TTK
Course material and study group communication in Moodle

- MOODLE is quite similar system like OPTIMA but more modern.
- Course instructor / lecturer will tell which one he/she will use.
- Your Kummi will help you to use OPTIMA & MOODLE.
Optima: https://optima.oulu.fi/

Start from here
Choose this OPTIMA environment:

Oulun yliopisto, TTK
OPTIMA EXAMPLE

Course registration call for WC I workspace and other UO courses

OPTIMA instructions

521323S WIRELESS COMMUNICATIONS I

INFORMATION (Autumn 2017)

Lectures: Jari Liljatti, Room TS404, jari.liljatti (at) oulu.fi
Exercises: Timo Kokkonen, timo.kokkonen (at) oulu.fi
Laboratory project: Starting at November: Timo Kokkonen


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<td>Part 1. Introduction</td>
<td>Mon 10.10</td>
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<td>Animation (slide 5)</td>
<td>10:15-12:00</td>
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<td>Part 2. Digital Modulation, cont.</td>
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</table>

Shared lecture materials for this course

Manage all your OPTIMA registrations

Info page
MOODLE: HTTPS://MOODLE.OU LU.FI/

Start from here
Continue here
CAMPUS NAVIGATOR

- You can find your location inside the campus, search for auditoriums, restaurants, rest rooms, offices, meeting rooms, and get instructions on how to find your way around campus.
General impressions of Finland

- Low hierarchy and informal
  - No need to call Sir, Professor, ...
  - All staff can be approached directly

- Teachers expect students work independently
  - Limited number of staff, limited hands-on-guidance

- People
  - don’t talk much, but are helpful
  - often skip the small-talk and go directly to the topic

- Staff tends to be busy
General impressions of Finland

• Oulu is 2 degrees south from the Arctic Circle (65N):
  – In December, we have 2 hours of sunlight
  – In June, the sun hardly sets

• Weather
  – West winds come from Atlantic
  – East winds from Siberia
  – 0..-30 degrees C in Dec-Feb
  – Snow during December-April

• Food
  – Quite international

View to the northern sky in winter and summer time
Study well, make new friends and enjoy the autumn in Oulu!