INTERNATIONAL MASTER’S DEGREE PROGRAMME IN WIRELESS COMMUNICATIONS ENGINEERING (WCE)

WCE STUDY OPTIONS & CURRICULUM & SCHEDULE
TOOLS FOR PLANNING OF STUDIES

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Web Home for Enrolled WCE Students: http://www.oulu.fi/cwc/wce
Web Home for WCE Applicants: http://www.oulu.fi/university/masters/wce

WCE Orientation 7.9.2017
WCE CURRICULUM STRUCTURE

- Consist of the basic, advanced, and optional (elective) study modules, practical training, and master’s thesis work.

<table>
<thead>
<tr>
<th></th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic WCE studies (RAN: 40, RF: 41 ECTS)</td>
<td>41</td>
</tr>
<tr>
<td>Advanced WCE studies (RAN: 25, RF: 28-29 ECTS)</td>
<td>28-29</td>
</tr>
<tr>
<td>Optional WCE studies (RAN: ≥ 22, RF: ≥ 18-19 ECTS)</td>
<td>18-19</td>
</tr>
<tr>
<td>Practical training (3 ECTS)</td>
<td>3</td>
</tr>
<tr>
<td>M.Sc. (Diploma) Thesis work (30 ECTS)</td>
<td>30</td>
</tr>
<tr>
<td>In total 120 ECTS</td>
<td></td>
</tr>
</tbody>
</table>

ECTS = European Credit Transfer System, 1 credit 25-30 hours, 1 year ca. 60 credits
WCE-RAN & WCE-RF STUDY OPTIONS

WCE-RAN: Radion Access and Networks (5 common)
• Basic & Advanced studies:
  • Optimization (math)
  • Statistical signal processing
  • Broadband communications systems
  • Wireless communications I
  • Communication signal processing I
  • Radio engineering I
  • Wireless communications II
  • Communication networks I
  • Information theory & coding methods
  • Mobile telecommunication systems
  • Communication signal processing II

WCE-RF: RF engineering
• Basic & Advanced studies:
  • Statistical signal processing
  • Broadband communications systems
  • Wireless communications I
  • Communication signal processing I
  • Radio engineering I
  • Radio engineering II
  • Electronics Design I & II
  • RF components & measurements
  • Radio channels & antennas
  • Electronic system design
  • Communication circuit design
  • Telecommunication or electronics construction project/work
OPTIONAL STUDIES

- **NOTE:** Obligatory course in one option can be taken as elective on other → choice of study option is not fatal for the beginning! → "Taste" both CWC-RAN and CWC-RF option courses 2 weeks
- Optional (elective) courses plan must be submitted always to PSP advisor before taking courses
- Finnish language studies are also suggested as electives during 1st year.
- EE & CSE studies for RAN & RF study options:
  - Many electronics design courses & lab. works are offered as electives by the Electrical Engineering (EE) research units
  - Many computer engineering & DSP courses are offered as electives by Computer Science and Engineering (CSE) research units
  - Economics
- Courses offered by different UO faculties & departments are also possible
  - Eg. Industrial engineering, Information processing science, and Oulu Business School studies
  - You always have to ask coordinator’s opinion about suitability before taking them!
## Optional WCE Subjects Studies ~ 4 Courses
- **RAN ≥ 22 ECTS**
- **RF ≥ 18-19 ECTS**
LANGUAGE STUDIES AS ELECTIVES

• Max. 10 ECTS Finnish language studies is allowed into electives.
  • Check the schedules of Finnish courses and the free seats in language study groups from here:
    http://www.oulu.fi/languagesandcommunication/finnish_for_foreigners
  • You can choose only from the following set of Finnish courses:
    • 900017Y Survival Finnish Course - 2 ECTS credits
    • 900013Y Beginners' Finnish Course 1 - 3 ECTS credits
    • 900053Y Beginners' Finnish Course 2 - 5 ECTS credits
  • Reserve/book a Finnish language group ASAP, since number of groups/seats is typically limited every year!
# WCE-RAN Schedule – 1st Year 2017-2018

## Autumn 2017
Periods 1-2

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Periods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Optimization</td>
<td>5 cr, 1 p</td>
<td></td>
</tr>
<tr>
<td>Communications Networks I</td>
<td>5 cr, 2 p</td>
<td></td>
</tr>
<tr>
<td>Communications Networks II</td>
<td>8 cr, 3-4 p</td>
<td></td>
</tr>
<tr>
<td>Statistical Signal Processing</td>
<td>5 cr, 1 p</td>
<td></td>
</tr>
<tr>
<td>Elements of Information Theory and Coding</td>
<td>5 cr, 2 p</td>
<td></td>
</tr>
<tr>
<td>Broadband Communications Systems</td>
<td>5 cr, 1 p</td>
<td></td>
</tr>
<tr>
<td>Wireless Communications I</td>
<td>5 cr, 2 p</td>
<td></td>
</tr>
<tr>
<td>Wireless Communications II</td>
<td>8 cr, 3-4 p</td>
<td></td>
</tr>
<tr>
<td>Mobile Telecommunication Systems</td>
<td>5 cr, 3 p</td>
<td></td>
</tr>
<tr>
<td>Mobile Telecommunication Processing II</td>
<td>5 cr, 4 p</td>
<td></td>
</tr>
<tr>
<td>Finnish Language studies</td>
<td>2-10 cr</td>
<td></td>
</tr>
</tbody>
</table>

## Spring 2018
Periods 3-4

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Periods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Studies</td>
<td>3 cr</td>
<td></td>
</tr>
<tr>
<td>Advanced Studies</td>
<td>3 cr</td>
<td></td>
</tr>
<tr>
<td>Optional Studies</td>
<td>3 cr</td>
<td></td>
</tr>
<tr>
<td>Advanced Practical Training</td>
<td>3 cr</td>
<td></td>
</tr>
<tr>
<td>(recommended in summer 2018, training report will be done on autumn 2018 term)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Notes
- Communications Networks II
- Finnish Language studies (2-10 cr) and/or optional studies depending on personal workload
WCE-RAN SCHEDULE – 2ND YEAR 2018-2019

Autumn 2018
Periods 1-2

Optional Course
Optional Course

Radio Engineering I
(5 cr, 2 p)

Optional Course
Optional Course
Optional Course

Diploma (M.Sc.) Thesis Work (30 cr, 2-4 p)

Finnish Language studies (2-10 cr) and/or optional studies to fulfil 120 ECTS requirement

Spring 2019
Periods 3-4

Basic Studies
Advanced Studies
Optional Studies
WCE-RF SCHEDULE – 1ST YEAR 2017-2018

**Autumn 2017**
Periods 1-2

- **Electronics Design II** (6 cr, 1 p)
- **Electronics Design III** (6 cr, 2 p)
- **Commun. Signal Processing I** (5 cr, 3 p)
- **Statistical Signal Processing** (5 cr, 1 p)
- **Radio Engineering I** (5 cr, 2 p)
- **Broadband Communications Systems** (5 cr, 1 p)
- **Wireless Communications I** (5 cr, 2 p)
- **Finnish Language studies** (2-10 cr) and/or optional studies depending on personal workload

**Spring 2018**
Periods 3-4

- **RF Components and Measurements** (5 cr, 4 p)
- **Radio Engineering II** (6 cr, 3 p)
- **Radio Channels** (5 cr, 4 p) or **Antennas** (5 cr, 4 p) (one of these is mandatory, one can be chosen as an optional study course)
- **Advanced Practical Training** (3 cr) (recommended in summer 2018, training report will be done on autumn 2018 term)

**Optional Course**

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**Basic Studies**

**Advanced Studies**

**Optional Studies**
WCE-RF SCHEDULE – 2ND YEAR 2018-2019

Autumn 2018
Periods 1-2

- Electronic System Design (5 cr, 1 p)
- Communications Circuit Design (6 cr, 1 p)
- Optional Course
- Telecommunication Engineering Project (5 cr)
  or
  Electronics Design and Construction Exercise (6 cr, 1-2 p)
  (either one of these is mandatory)

Spring 2019
Periods 3-4

- Diploma (M.Sc.) Thesis Work (30 cr, 2-4 p)
- Optional Course
- Optional Course
- Finnish Language studies (2-10 cr) and/or optional studies to fulfill 120 ECTS requirements

Basic Studies
Advanced Studies
Optional Studies
UO SCHOLARSHIP FOR NON-EU/ETA STUDENTS

- Waiver to release the payment of tuition fee of 10000 Eur/yr
- To renew it for the second year, at least 55 ECTS is required to obtain by the end of 1st academic year (31.7.2018)
- **No UO scholarship for the 3rd year**, i.e. WCE degree must be obtained with scholarship by the end of 2nd academic year (31.7.2019), or student have to pay 10000 Eur for the third year.
- Read the detailed terms of scholarship in "Terms and Conditions" document received with your admission acceptance letter.
- No (sad) excuses are taken in account if student fails to obtain 55 ECTS.
- In the case of long term severe sickness during studies ask always medical doctor’s statement concerning your ability to do studies (e.g. from Finnish Students Health Service, FSHS/YTHS), but not for an ordinary couple of days flu!
CWC’S GRANT FOR MASTER’S THESIS & INTERNSHIP

• If you wish to have a chance to obtain a CWC’s master’s thesis grant of 3000 Eur for the thesis work during second study year, also at least 55 ECTS is required to be passed by the end of 1st academic year (31.7.2018)

• NOTE:
  1. Student has always to follow either WCE-RAN or WCE-RF 1st year curriculum exactly, i.e., ”easy-to-do” elective studies that are not accepted for the 1st year personal study plan (PSP) are not counted into the sum of obtained credits required by the terms of CWC’s grant. Follow always schedule of basic and advanced courses!
  2. Study credits that are obtained with credit compensation are not included into the sum of obtained credits, i.e. if you have done a course during your B.Sc. studies the content of which equals, or is closely similar to WCE course content based on recognition of prior learning process (RPL shortly) procedure.

• CWC also offers training grant of 1500 Eur for summer internship after 1st study year to be done at CWC. See more:
  • http://www.oulu.fi/cwc/node/17110
RESULTS FOR FRAUD & MISCONDUCT IN STUDIES

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

• Even carrying mobile phone in exams with you results dean’s hearing!

• Students who have participated in misconduct in their studies are not eligible for:
  • Paid (contract-based) training or master’s thesis topics (appr. 1375 Eur/month)
  • CWC training scholarship (1500 Eur)
  • CWC master’s thesis scholarship (3000 Eur)
  • Doctoral studies at University of Oulu graduate school
  • To get job from CWC after graduation

• Excuses are not taken in account if student participates in cheating! Clearly the risk of cheating is not worth taken!
LAPTOP & SMART PHONE TOOLS FOR STUDYING

- Several tools to help in daily studies, and to monitor progress.
- You will get your personal PAJU userId & PW when registering to UO.
- PAJU account is needed to access most web-tools.
- Later, you will also soon get EE userId & PW from your coordinator.
- EE userId is needed when using our own EE & CWC network for exercise works with the aid of simulation softwares.
- Your student tutor will help you to get familiar with these systems.
- 7 systems to be introduced next:
  - O365 → UO e-mails, Microsoft softwares (student edition)
  - AAPO → timetable, credits, registrations, study news, etc. (Laptop-based)
  - TUUDO → timetable, credits, registrations, study news, etc. (Phone-based)
  - WEBOODI → personal study register, all course info, course/exam registration
  - OPTIMA → stored lecture & exercise materials
  - NOPPA → course homepages & info channel
  - OodiPSP → personal study plan (PSP) tool within Weboodi
YOUR E-MAIL ADDRESSES AT UO

• O365
  • Students will get their personal UO e-mail address & access for the Microsoft’s Office 365 for Education (O365) cloud service.
  • Take a glance of UO IT admin services: http://www.oulu.fi/ict/
  • Instructions to activate O365: http://www.oulu.fi/ict/office365
  • O365 will offer our students a free Outlook e-mail, and free cloud services like Office Online applications (Word, Excel, PowerPoint, OneNote), calendar and OneDrive.
  • NOTICE: WCE 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 addresses designed to you are:
    • pajuid@student.oulu.fi (UO network & e-mail)
    • pajuid@ee.oulu.fi (EE & CWC network & e-mail)
YOUR E-MAIL ADDRESSES AT UO

- **O365**
  - Remember every now and then check your O365 and EE e-mail accounts 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](http://www.oulu.fi/ict/office365).
  - If this “computer jungle” sounds a bit obscure, just ask help from your Kummis, or from older WCE colleagues! They will certainly help you.
DAILY & WEEKLY COURSE CALENDARS

  • Aapo combines student and study services into one place.
  • Use Aapo with your laptop computer's browser.
  • Aapo 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
    • Use UO paju UID & PW to login Aapo.

• TUUDO https://www.tuudo.fi/en/
  • TUUDO has the same functions like in AAPO, but it works in your smart phone
Feed your pajuUID & PW here
TUUDO: HTTPS://WWW.TUUDO.FI/EN/

For Students

Tuudo is a mobile app, made for you, to make your student life simpler. With Tuudo, you manage your studies and ease your daily life, both on and off the campus. Enjoy your institution’s most important services and your study information on your mobile device – safely, simply and surely up to date.

SUBSCRIBE TO OUR MAILING LIST

Email Address SUBSCRIBE

STUDENTS HIGHER EDUCATION PARTNERS
EVERYTHING STUDY-RELATED IS IN WEBOODI

- WEBOODI
  - All student’s study-related history like contact addresses, course & exams registrations, leaves, course marks, etc. are stored there, i.e. everything about you since first enrollment.
  - The most important system at UO, i.e., a ”mother” of all student-related web-based study tools.
  - Closed environment, i.e. pajuID & PW needed
  - Course & exam registrations & exam results → everything is also seen in AAPO & TUUDO
  - Detailed description of courses, their schedule and classrooms: number of ECTS, prerequisites, learning outcomes, target group, timing, contents, mode of delivery, learning activities, assesment methods & criteria, grading, teacher’s contact e-mail
  - You will soon create your Personal Study Plan (PSP) in Weboodi
    - Shortly, OodiPSP is an E-document for the purpose of monitoring your study progress (by yourself and your personal study advisors).
WEBOODI:
HTTPS://WEBOODI.OU LU.FI/OODI/ETUSIVU. HTML?KI ELI=6

Welcome to WebOodi!

NEWS AND ANNOUNCEMENTS (1)
Registration for academic year 2017-2018

04.05.2017

INSTRUCTIONS
You can browse course catalogues and search for instruction without logging in. In the top menu, choose Instruction and courses or function Search. To log in you need to have University of Oulu user account. Please check that your e-mail address is correct (section Personal data).

INSTRUCTIONS AND LINKS:
- If you are missing a user id, or you have problems with login, contact IT Services Helpdesk:

Feed your pajuUID & PW here
You can search teachers, contents, learning outcomes, prerequisites, implementation, timetables, exams, room info, etc. of the whole academic year 1.8.2017-31.7.2018 for each course by typing course name or course code here.
NOPPA STUDY PORTAL

- NOPPA
  - One-way channel to share information from teachers to students
  - Home pages of all UO courses are located there
  - Open environment, i.e. no pajuUID & PW needed
  - Course overviews
  - News
  - Coming events
  - Exam info
  - Timetable & room info
  - Share of public materials by a teacher (if she/he wishes to do so)
  - However, all WCE materials are typically stored in OPTIMA study portal
NOPPA: HTTPS://NOPPA.OU LU.FI/NOPPA/APP

NOPPA Study Portal

FIELDS OF STUDY
- Dentistry
- Humanities
- Education
- Economics
- Language and Communication
- Natural Sciences
- Medicine
- Engineering
- Health Sciences
- UniOOS

UNIVERSITY OF OULU

Noppa is a study portal at the University of Oulu. It offers tools for students and teachers to handle study information and roads to the sources of this information.

You will find detailed course information in Noppa. Teachers update their courses and post study materials on course pages. You can also find timetables for each course, as well as news posted by teachers on course pages.

If you need help, contact Noppa Helpdesk for support.

Printable version

Helpdesk service | Instructions

Protection of privacy | Service description

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Facebook
YouTube

Oulun kaupunki
City of Oulu

WCE Orientation 7.9.2017
The Faculty of Technology at the University of Oulu offers the following degrees: Bachelor of Science in Technology, Bachelor of Science in Architecture, Master of Science in Technology and Master of Science in Architecture. The success in high technology in Oulu Region is based on the high quality of education and research provided by the Faculty. The Faculty collaborates closely with regional partners, especially with business.

The Faculty offers seven degree programmes: architecture, mechanical engineering, process engineering, electrical engineering, computer science and engineering, industrial engineering and management and environmental engineering. All degree programmes provide several orientations of specialization. The annual intake for the programme is about 500 students. The Faculty of Technology differs from many other technical universities because it is a part of the multi-disciplinary University of Oulu. All the faculties are located on the same Linnamäki campus area, except the Faculty of Medicine. In this environment it is possible to study a wide range of subjects in addition to technology.

Why choose engineering or architecture? Graduated Masters and Bachelors are provided with a solid mathematical and scientific knowledge base and it is easy to build on these skills throughout the whole career. The degrees are durable and the employment rate is almost 100%. Studying at the University of Oulu, Faculty of Technology is certainly not a waste of time but rather an investment in the future!
Wireless Communications I

Course starts October 2017.
Lecture notes and exercises will be available in OPTIMA.

Lectures by Jari Linatti
Exercises by Timo Kokkonen

Simulation work advised by Timo Kokkonen

Requirements: Lectures, Exercises and Literature

The course is passed by a final exam and by laboratory project (simulation work).

NOTE! By doing homework assignments and with excellently done simulation work laboratory projects, you can improve your exam based grade in the final grade of the course, the weight for the examination is 0.6 and that for the design work report 0.4.

NOTE also! This course replaces old WC I (5213205) 8 CU.

Final Exams:
- 11.12.2017
- 20.02.2018

WCE Orientation 7.9.2017
ALL COURSE MATERIALS & STUDY GROUP COMMUNICATION IS IN OPTIMA

**OPTIMA**
- Interactive two-way channel for the purpose of communication between teacher and student
- Closed environment, i.e. all teacher’s materials & communications are protected with PAJU UID & PW
- Organized as folders for each course
- Lecture, class-exercise, exercise work share, instructions, etc. materials are stored there
- Registration for courses also possible
- Registration BOTH with WEBOODI AND with OPTIMA are recommended
- Your Kummi will help you to find and use OPTIMA.
- Because there are several OPTIMA environments for different faculties, choose right OPTIMA environment
- After PAJU logging:
  - Enter an environment: → Oulun yliopisto, TTK
OPTIMA: HTTPS://OPTIMA.OULU.FI/

Start from here
Choose this OPTIMA environment:

Oulun yliopisto, TTK
Course registration call for WC I workspace and other UO courses

OPTIMA instructions

Info page

Manage all your OPTIMA registrations

Shared lecture materials for this course

521323S WIRELESS COMMUNICATIONS I

INFORMATION (Autumn 2017)

Lectures: Jari Iinatti. Room TS404, jari.iinatti (at) oulu.fi
Exercises: Timo Kokkonen, timo.kokkonen (at) oulu.fi
Laboratory project: Starting at November: Timo Kokkonen
(Last updated: 29.8.2017)
CONFUSED ABOUT ALL THESE WEB-TOOLS?

- The most updated information of each course schedule is always located in NOPPA and OTIMA. Follow them for each course!
- Join also the first lecture of each new course, because the most important information is always given during that lecture!
- Don’t worry about these tools! You will learn them sooner than you will believe.
- Advice: Ask your Kummi, or your older WCE colleague students. They will certainly help you.
PERSONAL STUDY PLAN (PSP)

- Electronic PSP-plan is created with OodiPSP tool within Weboodi.
- A tool both for student and personal study advisor.
- PSP is a plan that includes the necessary choices and timing in order to graduate.
  - How am I going to go through my degree programme?
- By using OodiPSP student will get an overall picture of studies dealing with contents and timing
  - Degree structure as starting point, i.e. start with your curriculumn documents shared you today.
- Important part of PSP is study goals and following progress.

- **Video how to create your own PSP with OodiPSP tool**
  ([http://www.oulu.fi/oodienglish/node/19271](http://www.oulu.fi/oodienglish/node/19271))
YOUR PERSONAL STUDY PLAN AT OODI PSP

Responsible person at faculty or departmental level: Creating degree structures

Student: Create and update PSPs

Student: Send PSP for approval?

Yes

Student: sends PSP for approval

Email to Advisor

No

PSP not ok

Email to student

Advisor: Checks and comments on PSP

Advisor: Approves and archives PSP

PSP ok!

Approved PSP

WCE Orientation 7.9.2017
### Module of the Option, Wireless Communications Engineering content 2016-17

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Planned ECTS</th>
<th>Completed ECTS</th>
<th>Obtained grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>A451225</td>
<td>Module of the Option, Wireless Communications Engineering</td>
<td>35/40-44</td>
<td>30</td>
<td>35</td>
</tr>
<tr>
<td>031025A</td>
<td>Introduction to Optimization</td>
<td>5</td>
<td>5</td>
<td>27.10.2016</td>
</tr>
<tr>
<td>521131S</td>
<td>Broadband Communications Systems</td>
<td>5</td>
<td>5</td>
<td>03.11.2016</td>
</tr>
<tr>
<td>521323S</td>
<td>Wireless Communications I</td>
<td>5</td>
<td>5</td>
<td>14.02.2017</td>
</tr>
<tr>
<td>521323S-02</td>
<td>Wireless Communications I, Exercise</td>
<td>0</td>
<td>hyv</td>
<td>04.02.2017</td>
</tr>
<tr>
<td>521340S</td>
<td>Communication Networks I</td>
<td>5</td>
<td>5</td>
<td>09.02.2017</td>
</tr>
<tr>
<td>521340S-01</td>
<td>Communication Networks I, partial credit</td>
<td>0</td>
<td>4</td>
<td>15.03.2017</td>
</tr>
<tr>
<td>521340S-02</td>
<td>Communication Networks I, partial credit</td>
<td>0</td>
<td>hyv</td>
<td>04.02.2017</td>
</tr>
<tr>
<td>521324S</td>
<td>Communication Signal Processing I</td>
<td>5</td>
<td>5</td>
<td>19.04.2017</td>
</tr>
<tr>
<td>521285S</td>
<td>Mobile Telecommunication Systems</td>
<td>5</td>
<td></td>
<td></td>
</tr>
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</table>

**Advanced module**

- Either Antennas or Radio Channels is chosen as compulsory (they are lectured in alternate years). Furthermore, choose the minimum of two courses from the set list.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Planned ECTS</th>
<th>Completed ECTS</th>
<th>Obtained grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>A453271</td>
<td>Advanced module, Wireless Communications Engineering</td>
<td>20/16-35</td>
<td>11</td>
<td>20/16-35</td>
</tr>
</tbody>
</table>

**Two courses from this set of four courses must be selected**

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Planned ECTS</th>
<th>Completed ECTS</th>
<th>Obtained grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>521327S</td>
<td>Radio Engineering II</td>
<td>6</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>521317S</td>
<td>Wireless Communications II</td>
<td>8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

WCE Orientation 7.9.2017
YOUR ORIGINAL B.SC. DOCUMENTATION

• Bring your original bachelor’s degree diploma certificate and transcript of records to Faculty of ITEE student services cluster as will be told today by ITEE faculty’s international studies coordinator Ms. Maritta Juvani (room TS114).

• You must show your passport and residence permit card when bringing your documents.

• You will get a receipt that you have left your documents at the faculty office.

• You’ll get your documents back within one month.

• Coordinator will inform you, when you can pick up them back.
ENJOY YOUR STAY IN FINLAND!

FIND LIFE-LONG FRIENDS, AND CREATE SOCIAL & ACADEMIC NETWORKS IN ORDER TO BE CONNECTED IN A GLOBAL WIRELESS WORLD, SOON WITH 5G!

Regards, WCE staff