Welcome to
the T.I.M.E. Double Degree Students 2021/22 at the Faculty of Electrical Engineering and Information Technology (M.Sc.)

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Open office hours (by phone)
Tuesdays and Thursdays 8:30 to 12:00,
(may be soon Mies-van-der-Rohe-Str.
15, room 004)

At any other time by appointment only
What to expect?

• Structure of the programme

• RWTHonline

• FAQ

• Special requirements of the individual double-degree programs
Majors in EE, IT and CE (MSc.)

- Electrical Power Engineering (EPEN)
- Micro- and Nanoelectronics (MINA)
- Communication Engineering (COMM)
- Computer Engineering (COMP)
- Biomedical System Engineering (BMSE)
- Systems and Automation (SYAT)
### Regulation of Examination (MPO 2018)

<table>
<thead>
<tr>
<th>Description</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mandatory and mandatory-elective modules out of the subject area <strong>CORE</strong> subjects and <strong>ELECTIVE</strong> subjects of the selected major (graded exams)</td>
<td>40 CP</td>
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<tr>
<td>Modules out of the subject catalogue <strong>GENERAL</strong> elective subjects from the overall Master’s course (graded exams)</td>
<td>8 CP</td>
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<tr>
<td><strong>Laboratory course or project</strong> as offered by the selected Major (ungraded)</td>
<td>4 CP</td>
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<tr>
<td><strong>Graded seminar</strong> from the catalogue of seminars offered by the Faculty of Electrical Engineering and Information Technology</td>
<td>4 CP</td>
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<tr>
<td>Ungraded <strong>additional qualifications</strong> including the possibility to choose another seminar (ungraded) and/or 1 additional lab course or project from the overall Master’s course (all Majors included); International students must complete 8 ECTS German courses in this catalog</td>
<td>12 CP</td>
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<tr>
<td>ungraded <strong>industrial internship</strong> (including an internship related seminar)</td>
<td>22 CP</td>
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<tr>
<td><strong>Master’s thesis</strong> (including the required Colloquium)</td>
<td>30 CP</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>120 CP</strong></td>
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## Catalogues

<table>
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<tr>
<th>Catalogue</th>
<th>EPEN</th>
<th>COMM</th>
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</table>
The Structure of CORE and ELECTIVE

The Catalogues CORE and ELECTIVE

• A total of 40 graded credits from CORE and ELECTIVE

• Registration for the lectures in RWTHonline and starting later this year for the examinations

• The subjects of the catalogues are determined by the coordinators of the study majors.

An exchange is usually not possible!
Additional Qualifications

How to get credits for the addionals?

• Most Lectures at RWTH are free to take…

• … as long as they are not restricted with regards to number or study programme of participants

• The lectures should be registered in RWTHonline as „free registration/Freifach“

• A registration of the associated exams is done at the institutes
Additional Qualifications

Compulsory German Language Courses

• If you have a B1 certificate in German (or higher), 8 CP can be acknowledged by the examination board of FB6

• otherwise do the placement test at the Language Center of RWTH Aachen

• Two German Language courses (4 CP each) are compulsory and therefore free of charge (Additional)

• It doesn’t matter where the courses will take you…

• This rule does not apply for German native speakers or people with a bachelor degree in German
# Study Overview (Curriculum Support)

"Curriculum Support" is the central tool for planning your studies in RWTHonline.

<table>
<thead>
<tr>
<th>Node filter-Name</th>
<th>Credits</th>
<th>Duration</th>
<th>WF</th>
<th>Results</th>
<th>Sel</th>
<th>Pass</th>
<th>DF</th>
<th>RM</th>
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</table>
1. Open the course semester you would like to plan by clicking on the triangle that appears before each listed semester.

2. Select the module. Symbol:

3. Select the offer node. Symbol:

4. The semester is shown in the course title (a). If necessary, check the academic year is correct and change it using the arrow button (b).

5. Click on the green T symbol in the “Part” column: (c)  
   If the symbol is red or gray, it is not possible to register for the course.
1. You will see this registration form. It is always the same, whether you are using the Curriculum Support, My Calendar, or My Courses apps.

2. Review your entries.

3. If you are not sure whether you would like to take the course, you can add the course group to your favorites. Click on the star next to the group title and then BACK. Your bookmarked dates will now appear in your calendar, although you are not yet registered on the course.

4. If you would like to take the course, click on CONTINUE on the form.
Registering for Courses

1. Select the SPO context. Only choose the “free registration” option if no SPO context is available. Places on courses with limited capacity will e.g. often be preferentially allocated to registrations with SPO context.

2. If you can choose from several groups, select your preferred group and specify your preference ranking.
Registering for Courses

1. Click on ENTER PLACE REQUEST to complete your registration. This button appears once you have entered all the required details.

2. Follow the menu prompts until the system shows that you have submitted your request. Your request for a place will first be reviewed. Once you have been allocated a place you are registered on the course.
1. Check your registration status under “My Courses” in the Courses app.
2. You can edit or cancel your request for a place here within the stated deadlines.

NOTE: registering for a course does not mean you are registered for the relevant exam(s). You must register for all your exams in an additional process.
1. Open the course semester you would like to plan by clicking on the triangle that appears before the listed semester.

2. Select the module. Symbol: 🌟

3. Select the exam node. Symbol: 💼

4. The semester is shown in the exam title (a). If necessary, check the academic year is correct and change it using the arrow button (b).

5. Click on the green P symbol in the “Part” column (c). If the symbol is red or gray, it is not possible to register for the exam.
### Registering for Exams via the Curriculum

Semester recommendations will not always be given. In such cases, use “Curriculum” in Curriculum Support.

**Example of registering for an exam:**

1. Click on “Exam date” in the NODE FILTER drop down menu. *(a)*
   
   Registering for a course via the curriculum works in the same way. Use “NODE FILTER (all)” for this.

2. Open the exam nodes for the exam you would like to take and check the academic year.

3. Click on the green P symbol to open the registration form. *(b)*
Registering for Exams

The “Subject exam/Module exam” window will open. This happens whether you register via Curriculum Support, your Calendar, the Examination Dates, or the Exam Registration app. Under “Exam dates and registration” select CONTINUE TO REGISTRATION.
Registering for Exams

1. Check the exam details.
2. Make sure your programme details are correct.
3. Click on REGISTER and follow the menu prompts until the system confirms you are registered.

It is only possible to be preliminarily registered for some exams.

What does “preliminarily registered” mean?

In some subjects you are required to fulfill certain prerequisites before taking the exam. These are clearly laid out in the module catalog of your examination regulations.

When you submit a conditional registration, the prerequisites will be checked at a later time. If you have fulfilled the prerequisites up to 6 days before the exam date, the system will automatically register you for the exam. If you have not fulfilled them by this time, you will be de-registered.
Checking/Canceling Exam Registrations

- You can see an overview of your exam registrations via the Exam registration application in the "My Exams" tab.
- You can de-register here within the stated deadlines. To do so, click on DEREGISTER in the Operations column. The “Subject exam/Module exam” window will open.
De-registering From Exams

The following applies to all Bachelor’s and Master’s degree programmes:

A de-registration within the stated deadline (a) is not considered as a withdrawal by the system and will not appear in the printout of your study record.

If you would like to de-register from an exam, click on CONTINUE TO DEREGISTRATION (b) and follow the menu prompts until the system confirms you are de-registered.
Registration for Courses and Examinations

Lectures are registered for in RWTHonline

You need to register for the corresponding examinations separately; deadlines for exam registration published in RWTHonline

For oral examinations: additionally, you need to arrange a specific, personal date with the examiner
I would like to withdraw from an examination. What do I have to do?

Every examination can be deregistered from up to 3 working day before the date of the examination
There is NO automatic re-registration. So you have to re-register yourself if you want to take the exam at a later date!

If the deadline for deregistration has expired, a medical certificate must be submitted to the central examination office (ZPA, Super C), which confirms the inability to take an examination.
I would like to finally withdraw from a module in order to choose another one (later). I did not take the related examination yet. What do I have to do?

First you have to withdraw timely from the related examination (if not already done). Then, to finally delete the module in RWTHonline and to enable the choice of another module in RWTHonline, you have write an e-mail to the ZPA.
I would like to finally withdraw from an examination I did not pass. How does that work?

As long as you have not lost your examination claim, you can withdraw from a master module you have not passed. You have to trigger the final deletion by an application to the examination board. There is a form sheet available at the academic advisory office ("Abwahl eines Moduls"). Note: This is generally possible without any restrictions. You may register for an alternative subject in the following examination period then.
I am going to do my industrial internship in the very near future. How can I register?

The internship should be registered at the internship office. After the internship semester, the internship certificate and the internship report must be submitted to the Internship Office.

Where can I register for the seminar pertaining to the internship?

The so-called "seminar pertinent to the internship" refers to the presentation related to the internship semester, which will generally be held at the chair/institute where the Master thesis will be written.
FAQ

When can I register my Master thesis?

The master thesis can be registered as soon as you have reached 60 Credits. It is irrelevant which achievements add up to this sum. There is no deviation from this limit.
Special Requirements

Bauman Moscow State Technical University, BMSTU: 3 students
• Major at RWTH: Biomedical Engineering (BMSE)
• The master thesis is done at the home university and recognized at RWTH
• All remaining 90 ECTS of our study program must be completed for graduation at RWTH

Ecoles Centrales: 3 students
• All 6 majors can be chosen
• All 120 ECTS of our study program must be completed

Wrocław University of Science and Technology, WUST: 3 students
• Major at RWTH: Electrical Power Engineering (EPEN)
• The master thesis is done at the home university and recognized at RWTH
• All remaining 90 ECTS of our study program must be completed for graduation at RWTH

Escola Politécnica of the University of São Paulo, EPUSP: 5 students
• Major at RWTH: according to our contract Systems and Automation (SYAT) and Communication Engineering (COMM); We are okay with other majors, but you will need to coordinate this with your home university
• All 120 ECTS of our study program must be completed
Special Requirements

České vysoké učení technické v Praze, CTU: 1 student
• The master thesis is done at RWTH and recognized by home university
• 30 of the ECTS earned at CTU will be transferred to RWTH
• major at RWTH must fit to study program at CTU

Universidad Pontificia Comillas, UPC: 4 students
• Major at RWTH: Electrical Power Engineering (EPEN)
• The master thesis is done at RWTH and recognized by home university
• 30 of the ECTS earned at Comillas will be transferred to RWTH
• additional mandatory courses requested by UPComillas, which are offered by the school of economics: Incomings@wiwi.rwth-aachen.de
### Special Requirements

**Credit Transfer for UP Comillas students**

<table>
<thead>
<tr>
<th>Comillas IC</th>
<th>Courses at Comillas ICAI (English)</th>
<th>Credit Transfer to RWTH Aachen</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Power Systems Analysis (BA 7) 6 ECTS</td>
<td>module group CORE</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Operation of Electric Power Systems (MA) 6 ECTS</td>
<td>module group CORE</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Power System Protection (BA 8) 6 ECTS</td>
<td>module group ELECTIVE</td>
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<td></td>
<td>Electric Drives (BA 8) 9 ECTS</td>
<td>module group ELECTIVE</td>
<td>4</td>
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<td></td>
<td>Electric Power Plants and Substations (BA 7) 4,5 ECTS</td>
<td>module group ELECTIVE</td>
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<td></td>
<td>Automation and Advanced Control (MA) 6 ECTS</td>
<td>module group ELECTIVE</td>
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<td></td>
<td>Electronic Systems (MA) 7,5 ECTS</td>
<td>module group GENERAL (elective)</td>
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<td>Energy Engineering (MA) 7,5 ECTS</td>
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<td></td>
<td>laboratory (lab activities extracted from modules above)</td>
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</table>

**TOTAL 32**

Remaining subjects to be done for UPComillas students:

- Module group CORE (3 subjects) 12
- Module group ELECTIVE 2 subjects 8
- SEMINAR 4
- ADDITIONAL (free elective modules) 12
- Industrial INTERNSHIP +SEMINAR 22
- Master THESIS 30

**TOTAL 88**

Recommendation: one additional lab or project prior to the master thesis

Comment: additional mandatory courses requested by UPComillas, which are offered by another faculty (faculty of mechanical engineering or faculty of economics) can be approved in the module group ADDITIONAL up to 12 ECTS.
Special Requirements

National Yang Ming Chiao Tung University, NYCTU: 1 student

- The master thesis is done at the home university and recognized at RWTH
  All 6 majors can be chosen
  All remaining 90 ECTS of our study program must be completed for graduation at RWTH
- The master thesis is done at RWTH and recognized by home university
  30 of the ECTS earned at NYCU will be transferred to RWTH
  major at RWTH must fit to study program at NYCU
  Home university must approve the master's thesis at the RWTH
favorable location border triangle
Old town
high leisure value
Any more Questions?

Please contact us!

Web
www.elektrotechnik.rwth-aachen.de/

Instagram
@elektrotechnik.rwth

Facebook
@rwth.elektrotechnik
Thank you for your Attention