

European Mining, Minerals and Environmental Program

Student Handbook

2016-2018



Foreword

Congratulations on your decision to participate in the Joint Master: European Mining, Minerals and Environmental Program (EMMEP)!

The program started in 1996 as a one-year joint MSc curriculum with the purpose to maintain programs in mining engineering, mineral processes and related subjects during a period of adverse economic conditions in the resources industry resulting in low enrolment of students at the universities. Between then and now, over 700 students have participated in the program, originating from over 50 countries all over the world.

Today, EMMEP is a two-year joint master that offers a triple MSc degree which will be awarded by the three partner universities that participate in each specialisation. The program builds on the strengths and the complementary expertise in Earth Science at five of Europe's leading universities in resource engineering: Aalto University, Delft University of Technology, Miskolc University, RWTH Aachen University and Wroclaw University of Technology.

This handbook is intended to familiarize students with the EMMEP curriculum, academic guidelines and regulations and details about each partner institution where they will be based. Naturally, staff and fellow students are ready and willing to assist you further. Please be aware that changes will take place and that this guide is therefore subject to change as well.

We hope you have a rewarding time both professionally and socially!

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I. Joint Master EMMEP

The Joint Master EMMEP is a full-time two-year joint degree program for elite cohorts of organization and co-ordination of the EMMEP is carried out by the Federation of European Mineral Programs (FEMP) which also maintains the contacts with the supporting industry and the alumni. Delft University of Technology acts as the coordinating university.

During your studies, you will have the opportunity to explore the frontiers of science and technology. Our educational programmes maintain close links with national and international industries, and with the latest scientific developments within and beyond our universities. Not only does studying in different European countries mean that you will meet and work with professionals from various backgrounds and gather knowledge on a wide range of issues, you will also get a comprehensive EU perspective on EMMEP related matters. This will help you develop a coherent and integrated approach which is applicable to a more global perspective as well.

You will receive a solid background in your own specialisation, European Mining Course (EMC). You will be challenged to enhance your own engineering and design skills, and be guided on your way to become a successful and creative engineer, fully equipped to tackle the challenges of our contemporary world. You will familiarise yourself with the key issues involved in providing sustainable, environmentally friendly, legally and economically acceptable solutions to various problems in the EMMEP working field.

Given the growing worldwide demand for professionals in Mining and Minerals Engineering and Management, graduates of this programme are assured of promising career opportunities. After completing your degree, you will be qualified to work both in industry and in academia. You might work for, amongst others, mining companies, employers engaged in the minerals and metals processing technology, the mining and mineral business, companies with ore deposits and integrated production, market leaders for efficient dredging and mining, aggregates companies, government agencies, engineering and consulting, firms, banks and global oil services, but also knowledge and research institutes and think tanks.

II. Partner universities



University	Country	City
Aalto University	Finland	Helsinki
Delft University of Technology	The Netherlands	Delft
Miskolc University	Hungary	Miskolc
RWTH Aachen University	Germany	Aachen
Wroclaw University of Technology	Poland	Wroclaw

Aalto University

www.aalto.fi

Aalto University is a multidisciplinary research university created in 2010 from the merger of three leading universities in Finland (Helsinki University of Technology, Helsinki School of Economics and University of Art and Design Helsinki). The main campus of Aalto University is located in Otaniemi, Espoo, which is a neighbouring city to the capital Helsinki.

At Aalto, there are about 20 000 degree seeking students (including Bachelor, Master and Doctoral level students) out of which 2000 are international students. In addition, Aalto University welcomes annually 950 incoming exchange students from all over the world. The students are supported by approximately 5000 staff members of which 380 are professors. At Aalto University, School of Engineering and School of Chemical Technology take part to the EMMEP programme.

Delft University of Technology (*coordinator*)

www.tudelft.nl

With more than 13,000 undergraduate and graduate students and 4,500 employees, Delft University of Technology is one of the largest universities in The Netherlands. It annually awards degrees to hundreds of engineers and technologists who go on to excel in science and business. They form an extended and trusted network of alumni contacts.

Miskolc University

www.uni-miskolc.hu

A significant institution of the Hungarian higher education system, contributes to the development of universal science and Hungarian society with its comprehensive, interdisciplinary training and with high-standard research and development work within European higher education. Maintaining, developing and improving international relations in education, training and research are regarded as issues of the utmost importance at the University of Miskolc.

RWTH Aachen University

www.rwth-aachen.de

Germany's largest technical university and one of the most renowned in Europe. Nearly 380 professors and roughly 4,000 research and support staff are responsible for the education and research training of 30,000 undergraduate and graduate students, among which 5,000 are international students. Teaching and research are characterised by an international, innovative and interdisciplinary approach and close links to industry.

Wroclaw University of Technology

www.portal.pwr.wroc.pl

Functioning under the current name since 1945. Since the very beginning of its existence, it has been an important centre of technical education. Today, it belongs to the best technical universities in Poland – over 35 000 students study here under the guidance of 2 000 academic teachers, at the 12 faculties and the Department of Fundamental Studies, as well as in the 3 regional branches. It rates high in the annual rankings of Polish universities. Recently, it has been announced the best Polish technical university in Webometrics Ranking of Worlds Universities.

III. Completing your application

In order to complete your application, there are a few steps you have to take. Please read this information carefully and complete the steps as soon as possible, in order to eliminate possible delay due to unforeseen problems.

Participation contribution

The deadline for payment of the participation contribution is **July 1st** for all EU/EFTA and non-EU/EFTA students.

Participation contribution 2016-2017 for students with EU/EFTA nationality: € 1984,00

Participation contribution 2016-2017 for students with non-EU/EFTA nationality: € 15000,00

The payment details are explained in your letter of admission. Please e-mail a copy of the payment order as soon as possible to internationaloffice@tudelft.nl. Questions about payment can also be directed to this email address.

Contracts and forms

In order to confirm your participation in the EMMEP, you should also:

- Register in **STUDIELINK** (www.studielink.nl). Deadline: **June 1st**. A step-by-step guide on how to register was sent you by email.
- Sign the **FEMP scholarship contract**. This only applies to students who have received a FEMP scholarship. Deadline: **August 1st**. This contract was sent to you by email.

If any additional forms should be filled in or fees should be paid in order to complete your enrolment at one of the partner universities, they will inform you in due time.

IV. Financial matters

Tuition fee

The student will only pay tuition fee for the coordinating university, TU Delft. The amount of tuition fee depends on nationality (EU/EFTA, non-EU/EFTA) and will change every academic year. Below you may find a list of the fees per university (subject to change). You will be registered at all three universities during the complete program.

TU Delft

2016-2017:

€1984 for EU/EFTA students, €15,000 for non-EU/EFTA students.

Application fee: €100.

Non-Dutch students can apply for housing through the housing agency DUWO. The Central international office of TU Delft will help you with this. The costs are 228 euro as housing fee and approximately 150 euro service fee. These costs are based on the academic year 2015-2016.

Aalto University

During the academic year 2016-2017, there is no tuition fee at Aalto University but the student union (ayy.fi) membership fee is mandatory for Master's degree seeking students. The autumn term (1 Aug – 31 Dec) fee is 57 € and the spring term (1 Jan – 31 July) fee is 59 €. The student union fee for the entire academic year 2016-2017 is 116 €. Please, note that you need to register/enroll to Aalto University every academic year either as attending or non attending student in order to keep your study place in EMMEP program. Enrolment as attending student requires the payment of the student union membership fee. For the terms you will be physically studying at Aalto + for the terms you will be doing your MSc thesis and graduating, you need to be enrolled as attending student. Please, read more: <https://into.aalto.fi/display/enmastereng/Enrolment+for+Academic+Year>**RWTH Aachen**

No tuition fee. A mandatory Semester Fee for all enrolled students is 232.72 Euro per semester (as per summer semester 2015). The Semester Fee is subject to change annually. Every semester the student spends abroad will be €9 euro per semester per student.

Financial aid

For information about the FEMP scholarship, please read chapter VII. Federation of European Mineral Programs (FEMP).

Erasmus+ is the new European Union program for education, training, youth and sport, which has started in 2014. The program will run seven years and has a budget of €14.7 billion for over 4 million people. Amongst other targets, the program will help to provide opportunities for individuals to study abroad. The Erasmus+ Study Grants vary between €150 and €250 per month, depending on the visited universities.

All EMMEP students can apply for Erasmus+ Study Grants for one period they spend at other universities than Delft University of Technology (TU Delft)¹. This period is marked as a **mobility period**². The amounts of the Study Grants can vary between 150-250 Euros a month, depending on the receiving institutions.

**Important note: Applying for Erasmus+ Study Grants takes effort and commitment, not only from TU Delft as your sending institution, but also from you as an Erasmus+ student. Please be aware of the rights and obligations before, but also after your mobility period. Note all deadlines carefully. If you do not comply with the rules, you might be forced to pay back your scholarship.*

How to apply for Erasmus+ Study Grants

Before Mobility

Step 1: Read carefully 1) Learning Agreement for Studies and 2) Eligibility Check Form and check all information that has been filled in for you. Complete the forms with your personal information (what is marked **red**) and sign the Learning Agreement for Studies (print, sign, scan). Send both forms to the program coordinator by email (info@emmep.org).

Deadline: 8 weeks before the start of each mobility period.

Step 2: Complete and submit the online language assessment³.

Deadline: before the start of each mobility period.

Step 3: The Central International Office will email you the Grant Agreement for Erasmus+ Studies within four weeks. Read this contract carefully and check all information that has been filled in for you. Sign the contract (print, sign, scan) and return it to the Central International Office by email (internationaloffice@tudelft.nl).

Deadline: within 5 days after receiving the Grant Agreement for Erasmus+ Studies.

Step 4: The Central International Office will pay you the first part of your Study Grant (70%).

After Mobility

Step 5: Complete and submit the online language assessment and the online EU survey, sent to you via email.

Deadline: within 4 weeks after the end of each mobility period.

Step 6: Ask the receiving institution to fill in the Statement of the Host Institution and ask them to provide you with your Transcript of Records. (It is important that the dates in the Statement of the Host Institution match with the dates in the Learning Agreement for Studies!) Sign the Statement of the Host Institution and send it with your Transcript of Records to the Central International Office by email (erasmusgrant@tudelft.nl).

Deadline: within 4 weeks after the end of each mobility period.

¹ TU Delft is the *sending institution* or *home institution*. The other universities in your program (EMC/EMEC/EGEC) are the *receiving institutions* or *host institutions*.

² *Mobility periods* are the periods of your stays abroad.

³ The online language assessment will not be available yet before the start of the program. You will receive information about this when it becomes available.

Step 7: The Central International Office will pay you the second part of your Study Grant (30%).

V. Content of the program

The EMMEP is a two-year (120 credits) program leading to a joint MSc degree. It consists of 3 semesters of courses and a 1 semester thesis project. Students are furthermore stimulated to carry out an internship and can be assisted with this.

The program offers three specialisations:

- o European Mining Course (EMC), with an emphasis on mining;

Each specialisation is offered by three universities that each host and teach the students during one semester. The program also includes various visiting staff, from universities outside the hosting partners and from the industry. The three specialisations are interrelated by a/o common courses and linked projects.

Schedule EMMEP 2016-2018

2016				2017												2018						
Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul

EMC				
Aalto University	Break/ internship	RWTH Aachen University	TU Delft	Thesis

EMC	
Aalto University	5 September – December 2016
RWTH Aachen	April – August 2017
TU Delft	September 2017 – January 2018

The official start of the academic year 2016-2017 is on 5 September, 2016. All courses will start on **12 September, 2016**. Please make sure you arrive on time at your starting university and have made all necessary arrangements, such as housing, visa and insurances.

For a complete overview of the courses, including course descriptions and methods of assessment, please visit the [Study Guide](#).

Blackboard

Blackboard (blackboard.tudelft.nl) is a digital learning environment, which is the main platform for communication between you, your fellow students, your instructors and staff. On Blackboard you can find loads of relevant information such as preliminary course information,

schedules, announcements, course assignments, study materials and information about credits and grades.

Blackboard can be accessed with your TU Delft NetID and password, which you will receive shortly after your registration for the program is complete. If you find it convenient, it is also possible to download the Blackboard Mobile Learn app on your mobile device.

Credits and grades

Exams are organized according to the examination regulations of the responsible partner university. A student receives the allocated number of credit points for each course, provided he/she has obtained a minimum grade of E in the respective examination or has been granted an exemption. The work-load of each course is calculated according to ECTS (European Credit Transfer and Accumulation System), which is the pan-European credit system. Generally one ECTS credit corresponds to 25-30 hours of students' work.

Aachen	Delft	Helsinki	UK	Miskolc	Wroclaw	ECTS	Definition
1,0 to 1.5	8,5-10	5	80-100%	5 >85%	5 – 5,5	A	Excellent
1,5 to < 2.1	7,5-8,4	4	70-79%	4 75-84%	4,5	B	Very good
2,1 to < 2.8	6,6-7,4	3	62-69%	3 63-74%	4	C	Good
2,8 to < 3.5	6,1-6,5	2	56-61%	2 57-62%	3,5	D	Satisfactory
3,5 to 4.0	5,8-6,0	1	50-55%	2 50-56%	3	E	Sufficient
> 4,0	4,0-5,7	0	40-49%		2	FX	Fail (some work needed)
>6.1	0,0-3,9	0	<40%	1 <50%	<2	F	Fail (consid. more work needed)

Table 1.

All grades are centrally administered by TU Delft, the coordinating university. Your grades will be transferred from the other universities within your specialization to TU Delft.

You will be able to check in Blackboard whether your grades and credits have been processed correctly. If grades and/or credits are missing or wrong, please contact the university at which you completed the concerning course.

Resits

Resits are also organized according to the examination regulations of the responsible Partner University. Those regulations include rules about the number of resits and whether resits are allowed to upgrade obtained grades, or in case the rules do not include this information, then the examination board of the partner university determines the rules concerning resits.

The Partners Universities will adopt the ECTS scheme in the content of the diploma supplement for as far as national laws and regulations regarding Higher Education allow. Each Partner university has strict and transparent procedures and criteria in place for examinations in their regular program, which shall also apply to the Triple Master Degree program.

A student will receive the allocated number of credit points for each course, provided he/she has obtained a minimum grade of E in the respective examination or has been granted an exemption.

Each partner university uses its local grading scale but for the award of the degree all grades are converted to ECTS grades according to table 1.

ECTS grades will be listed on the diploma supplement and the table above will be included to allow easy student performance assessment in the participating countries.

Internships

During the program, there is a (summer)break of at least three months. You are not obligated to carry out an internship during this break, but we strongly encourage you to do so. Not only will an internship give you valuable work experience, but it will also help you establish a network and meet potential future employers.

The program is enthusiastically supported by the industry via the Federation of European Mineral Programs (FEMP) (read more in chapter VII). Many companies involved in the mining and mineral business are open to offering internships to EMMEP students. They see it as the ideal opportunity to spot potential candidates for positions in the company. You may contact FEMP if you need information about potential companies. Also, you can check the website for internship vacancies: www.femp.org/news.

Please keep in mind that internships cannot be exchanged for courses. You need to pass all courses within the program in order to obtain your degree.

Thesis & graduation

The master thesis project is an in-depth research or expert design project, worth 30 ECTS credit points, which shall be supervised in accordance with the examination rules of each of the three universities participating in your specialization. You are encouraged to propose your own topic for your master thesis.

The master thesis project shall be supervised in accordance with the examination rules of each of the three universities participating in your specialization.

The topic of the Master's thesis must be approved by the three degree awarding universities that are part of the students' study track. The university where the student conducts the thesis work will act formally as the main supervisor. Local thesis rules of all three degree awarding universities will apply, e.g. regarding external censorship.

Student guidelines for thesis work and guidelines for co-supervision are as follows:

1. Students may start their thesis in the second semester of the second year of the MSc. The thesis should be finished before the end of August of the last year of the program. In case of delaying this deadline the student needs to pay extra tuition fee for the exceeding months. Grades may be registered later.
2. Student will follow the rules regarding pre-requisites from the university where he /she carries out the MSc. thesis. In any case all 90 ECTS from the courses has to be completed.

3. The principal supervisor of the Master Thesis Project will be a staff member of the principal university, who will also appoint an examination committee, according to the rules of the principal university. The members of the examination committee as well as one staff member of each of the two partner universities, will be informed about the thesis subject and from time to time about the progress of the thesis project.
4. The student and/or somebody from the industry (or from another university) may propose subjects or projects for his thesis to the principal supervisor. However the acceptance of a proposal requires the agreement of the principal supervisor and other two partner universities. No thesis project can be undertaken without such agreement. The company should appoint a nominated representative to act as co-supervisor.
5. The examination committee will determine the final grade of the thesis in accordance with the rules of the principal university.
6. Before commencing the thesis the student needs to comply with the pre-requisites. However, if a subject has been formally agreed with the future principle supervisor (and representatives from the two partner universities), some preparatory work can be undertaken before formal commencement of the thesis.
7. The following rules apply if the industrial partner asks for a signed **confidentiality check**:
 - The student has to accept the confidentiality rules of their **main supervising** university.
 - In case a student makes his/her thesis at Aalto or RWTH as main supervisory university, the thesis document will not automatically be put into the public library at TU Delft. If he/she wishes the student may request to put the document into the public library at TU Delft.
 - In case a student makes his/her thesis with TUD or RWTH as main supervisory university, it should be discussed at the start whether there are potential confidentiality issues in case industry is involved. In most cases this will be costs and unit prices. If necessary some minor parts of text will have to be removed from the Aalto copy. The abridged version will be assessed at Aalto University and filed in Aalto's library. For each case it should be discussed whether the Aalto supervisor would need to have the full copy. In that case he/she signs a confidentiality agreement. The full copy should be returned to the student, after the thesis presentation

Please provide the EMMEP program coordinator (emmep@tudelft.nl) with the following information:

1. Title (or subject)
2. Starting date
3. University 1 (main university)
4. Name and email of the main supervisor
5. University 2
6. Name and email supervisor university 2
7. University 3

8. Name and email supervisor university 3
9. Name of the company (if applicable)
10. Name and email company supervisor (if applicable)
11. Expected end date

Course pre-requisites

Students who have a deficiency in a particular subject, or skill should make sure that he/she acquires these skills prior to the start of the course. E.g. for Matlab: <http://ocw.mit.edu/resources/res-18-002-introduction-to-matlab-spring-2008/>
The prerequisites are noted in the course descriptions.

Different administrative regulations per faculty

Please make sure that you meet all of the thesis and graduation requirements given by your **main university** you are writing your thesis for.

TU Delft

You can find the graduation and thesis procedure here:

<http://studenten.tudelft.nl/en/students/faculty-specific/ceg/master/forms-master/>

You should send your AES-2 form to Dr. Mike Buxton (M.W.N.Buxton@tudelft.nl). Along with this form you send him your thesis title and thesis project description.

Aalto university

<https://into.aalto.fi/pages/viewpage.action?pageId=13419287>

According to Aalto rules, the optimal thesis completion time is 6 months. The time spent above 6 month will be considered to be a negative factor when grading the thesis. You have to complete the work within 12 month from acceptance of the title, otherwise you need to apply for a new topic.

You do not need to be physically at Aalto, but we need to have regularly meetings. Usually 1 meeting / month is sufficient with the supervisor and once a week with the instructor. This must be discussed, when we know how much you need to spend time at the site.

You need to present the thesis for your supervisor, but Aalto don't not have rules about the location where the presentation should be held. You need to do a **maturity** test for Aalto.

RWTH Aachen

The Master Examination consists out of the exams of the study schedule, the master thesis and an oral presentation of the results. The topic of the Master thesis will not be issued until the student has achieved 60CP. Furthermore, the required 50 work shifts must be fulfilled or completed during an internship, provided that the thesis will be written at a company.

About the thesis:

- The topic can be issued by every professor of the Faculty of Georesources and Materials Engineering or the Division of Mineral Resources and Raw Materials Engineering
- With the consent of the examination board the thesis can be written external, as long it is supervised by a professor
- The candidate can make a proposal concerning the topic of the thesis
- The Thesis must be written within four months
- If the thesis is written at a company or a laboratory, the writing time can be extended to five months, as far as the examiner approves with that. In this case, a maximum of 25 work shifts will be accounted to the required work experience of 50 shifts
- In agreement with the examiner, the thesis can be written in German or English
- The topic can be returned only one time, during the first month of the writing time
- The thesis should not be longer than 80 pages excluding the appendixes
- The results of the thesis must be presented in form of an oral presentation

Acceptance and Evaluation of the thesis:

- The thesis must be handed out on time to the Central Examination Office in duplicate. Otherwise it will be graded 5,0
- The examiner will be the person, who issued the topic of the thesis
- The grade of the thesis will be published within eight weeks after the date of submission
- 18 CP will be awarded for the written part of the thesis and 2 CP will be awarded for the presentation
- The Master-examination is passed, if all required modules have been passed and the thesis has been graded 4,0 or better

Please see attachment 1 for the RWTH thesis application form. Please send this form to Max Berner (Berners@mre.rwth-aachen.de).

VI. Logistics

It is your own responsibility to register for housing and arrange visa and insurances. However, every partner university will assist and advise you with these matters. **Make sure you start arranging your housing and visa as soon as possible, as some procedures can take quite a while.**

Housing

You will receive information from each partner university about possibilities for housing close to the university. Prices and procedures can differ per country. Some general tips:

- Apply early and reserve time for finding housing;
- Apply for housing simultaneously through various channels if possible;
- If you are unable to find housing in time before courses start, please make sure you have a roof over your head – you can always temporarily reside in a hostel.

Visa

You will receive information from each partner university about applying for a visa or residence permit. You will need your admission letter, which you received when you were admitted to the program, to apply for visa. We advise you to start applying for visa as soon as you have all the information you need. Every partner university has its own resources and offices, which can assist you in the process.

Health insurance

Make sure you organize health insurance which is valid in all three countries and also covers visits to mines at industrial sites as well as traveling from one country to another.

VII. Student Council

In order to assure the quality of the new European Mining, Minerals and Environmental Program, it will be thoroughly evaluated by TU Delft the coming years.

Therefore an **EMMEP Student Council** must be formed at the beginning of the year, consisting of at least 2 EMMEP students. This council will meet together with the program coordinator (mostly via Skype) approximately twice a year to discuss the quality of the program. TU Delft will evaluate all courses and teachers through surveys. The results of these surveys will serve as input for the Student Council's meetings. The Student Council will have to report their findings and opinions to the MSc coordinator. Furthermore, the Council will serve as the first point of call for all students who want to address issues or problems concerning the program.

This job is on a voluntary basis. The perks:

- Gain more insight into the program's content and the complementary value of the three specialisations;
- Enhance your presentation, writing and teamwork skills;
- Get insight into how quality of education is guaranteed;
- Valuable work experience to put on your resume!

Send an email to info@emmep.org before **1 October**, after you have had the opportunity to get to know each other, stating which two students you have nominated to represent your specialization in the EMMEP Student Council for the first year.

VIII. Federation of European Mineral Programs (FEMP)



The Federation of European Mineral Programs (FEMP) was established in Delft in 1999 as a legal entity of the EMMEP.

FEMP's duties are a/o to maintain the industrial network and the network of students and alumni. In addition, FEMP supports the students through scholarships and assists the program financially. In the academic year 2014-2016, FEMP has offered several scholarships to EMMEP students (announcement of allocation: May 1st, 2014). The scholarships are meant to equalize the opportunities between students from different European countries and cultural backgrounds.

The initiatives of FEMP are enthusiastically supported by industry. Many companies involved in the mining and mineral business sponsor the students participating in the EMMEP, host company visits or offer internships and work placements. The involvement of industry with the program stimulates interaction and improves the quality of the program. The importance of opportunities for the students to carry out an internship is quite evident to the industry. Furthermore, companies see internships as an ideal opportunity to spot potential candidates for positions in the company. During the last couple of years, students went, a/o. to: USA, Chile, South Africa, Brazil, Ireland, Botswana and Poland, for many different companies.

For more information on FEMP, please visit www.femp.org or contact via nifo@femp.org.

IX. Contact details

In case of an emergency, please check with the local university and make sure to contact the local emergency numbers first. Please inform a fellow EMMEP student if possible.

For **administrative issues**, please contact info@emmep.org.

For **academic related issues**, please contact the curriculum coordinator:

EMC:

Aalto University

Prof. Mikael Rinne
mikael.rinne@aalto.fi

RWTH Aachen University

Tobias Braun / Max Berner
braun@mre.rwth-aachen.de / berner@mre.rwth-aachen.de

Delft University of Technology

Prof. Mike Buxton
m.w.n.buxton@tudelft.nl

Attachment 1: RWTH Thesis application form.

The German original version of the application form is available at the website of the Division of Mineral Resources and Raw Materials Engineering

Application form

Central Examination Office

Master's Examination Mineral Resources Engineering

Name: _____ Matr.-No: _____

Application for Master thesis

Will the thesis be written in the course of a work-related internship? Yes/ No

Achieved 60 CP (in accordance with § 15 Abs. 2), date of submission: _____

Reference to the examination regulations: _____

Signature of the Central Examination Office: _____

Applied by Prof: _____

Second Examiner: _____

If necessary, Supervisor during internship: _____

Date of issue of the topic (must be completed by the supervisor): _____

Date of submission of the thesis: _____

(must be completed by the Central Examination Office)

Extended date of submission: _____

(must be approved and completed by the Central Examination Office)

Delivered on: _____

In case of an internship in the course of the master thesis:

Number of shifts: _____

Date: _____

Signature of the supervisor during the internship: _____

Signature and stamp of the Central Examination Office: _____

Grade of the first examiner: _____

Grade of the second examiner: _____

Signature: _____

Signature: _____

Date: _____

Date: _____

Grade of colloquium: _____

Please return this paper after registration of the grade(s) to the Central Examination Office!

Central Examination Office

Candidate (name and surname): _____

Matr.-No: _____

German and English title of the master thesis and a short explanation of the topic (must be filled out by automatic means):