



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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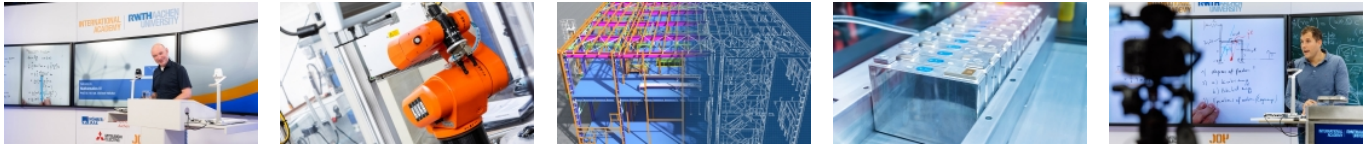
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Preparatory course



German Engineering College

RWTH Aachen University • Aachen



Overview

Teaching language	<ul style="list-style-type: none">English
Date(s)	<ul style="list-style-type: none">July - December 2025 (Registration deadline of course provider: 1 July 2025)
Mode of study	Fully online
Phase(s) of attendance in Germany (applies to the entire programme)	None
Pace of course	Instructor-led (Specific due dates for lectures/assignments/exams)
Additional information on dates and mode of study	<p>The German Engineering College is a full-time qualification programme that requires approximately 40 hours of work per week.</p> <p>The programme is a combination of an asynchronous study format and a synchronous study format. On our digital learning platform, you will find pre-recorded lecturer videos and supporting material for self-studying. In addition, there are fixed live lecture dates for direct exchange with the lecturers.</p> <p>The exams are conducted through a digital exam platform.</p> <p>The live sessions are offered from July to October (four months) and the first examination phase is offered in November and December (two months).</p>
Description/content	<p>Enter the world of engineering excellence and secure your study place in Germany!</p> <p>The German Engineering College (GEC) is our digital preparatory programme designed specifically for students aiming for an MSc degree programme at RWTH Aachen University. The GEC helps you bridge academic knowledge gaps with a personalized curriculum and guarantees you admission to the following MS degree programmes:</p> <ul style="list-style-type: none">MSc Computer Aided Conception and Production in Mechanical EngineeringMSc Management and Engineering in Computer Aided Mechanical EngineeringMSc Smart Production EngineeringMSc Management and Engineering in Production SystemsMSc Robotic Systems EngineeringMSc Textile EngineeringMSc Resilient Civil EngineeringMSc Battery Systems Engineering

The participation in the GEC takes place at least one year prior to the actual application to an MSc. Kick-start your career in Germany earlier than regular applicants and benefit from **exclusive advantages** such as:

- Replacement for the GRE General Test
- Fulfilment of RWTH's academic admission requirements
- Exclusive scholarships and discounts
- Networking opportunities with RWTH faculty members and fellow students

The GEC is tailored to your academic background and unique career goals. Choose between three academic packages (Mechanical Engineering, Civil Engineering and Battery Systems Engineering) and take the first step towards shaping your engineering future.

Visit our [website](#) for more information about the programme.

Course Details

Course components	<ul style="list-style-type: none">• Subject-specific preparation• General preparation for studies
Average number of hours per week	40
Do course participants have student status?	No
ECTS credits (max.)	30
Does this course involve taking the university entrance examination or does the course specifically prepare students for this examination?	No
Preparation for degree programmes	<ul style="list-style-type: none">• Master's degree
Preparation for subject groups	<ul style="list-style-type: none">• Engineering
Further information on subsequent admission to degree programmes/guaranteed admission	<p>The German Engineering College will cover academic prerequisites in preparation for the application to an MSc degree programme at RWTH Aachen University. Participants who have successfully completed the qualification programme will be granted priority admission to their desired MSc degree programme.</p> <p>For MSc degree programmes in mechanical engineering and battery systems engineering, a successful completion of the German Engineering College will replace the GRE general test.</p>
Data protection and privacy measures for online resources of students are in place	Yes

The didactic concept is geared towards digital teaching and the learning materials are designed accordingly

Yes

Information on the support of personal development and student work via online channels

You can always keep track of your study progress. You can monitor your own learning progress through digital assessments in the Learning Space. Additionally, you get the opportunity to ask content-related questions during the live sessions or you can pose questions in the exchange forum of the Learning Space.

Costs / Requirements / Registration

Costs

Fee-based

If you are interested in our programme, please contact the directors of our local offices ([China Office](#), [Latin America Office](#) or [India Office](#)) or e-mail us at RWTH-GEC@academy.rwth-aachen.de to learn more about programme fees.

This price includes

- Course fees

Academic admission requirements

Applicant's profile

- Enrolled BSc/BE/BTech students or Bachelor's graduates
- A minimum of six months of suitable practical experience (full-time work, part-time work, internships, research projects, etc.)
- English language proficiency

Application documents

- Application form
- Transcript of records
- Motivation letter
- CV
- Proof of work experience
- Proof of language proficiency (students or graduates of a Bachelor's programme taught in English do not need to provide a proof of English language proficiency.)

Students from all nationalities are welcome to apply if they meet the applicant's profile requirements. Students from China, India or Latin America will gain access through the [China Office](#), [India Office](#) or [Latin America Office](#) of RWTH International Academy.

Language requirements

- TOEFL iBT: 90 points
- IELTS: 6.0 band score
- CEFR: B2
- For Chinese students: CET Band 4: 480 points

Technical equipment and programmes

- Learning Space of RWTH International Academy for pre-recorded lecture videos, exchange forums and chat
- WISEflow for online exams
- Zoom for live sessions
- Stable Internet connection
- Webcam
- Microphone
- VPN for specific countries

Do applicants require a higher education entrance qualification recognised in Germany?

No

Do applicants have to have already been admitted to a study programme at your university?

No

Submit application to

Please use [our application form](#) to submit your electronic application.

Services

Is a social and leisure programme offered?

No



Let's Discover Our RWTH German Engineering College

Let's discover our RWTH German Engineering College! The RWTH German Engineering College (GEC) is one of our well-established qualification programmes. With interactive in-person lectures and high-quality study material, it will offer you the best academic preparation for the MSc degree programmes in engineering at RWTH International Academy.

» more:
<https://www.youtube.com/watch?v=m3hcHGMupII>

RWTH Aachen University



RWTH Aachen University

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With 260 institutes, nine faculties and three Clusters of Excellence, RWTH Aachen University is one of Europe's leading institutions for science and research. Currently, more than 47,000 students are enrolled in 162 courses of study. Of these students, approx. 13,000 are international students. RWTH Aachen is well-known for its state-of-the-art education that tackles some of the world's most pressing global challenges. Our graduates are highly sought after by businesses and industry as trainees and for executive positions.

As the official academy for education of RWTH Aachen University, RWTH International Academy is tasked with promoting and developing the integration of professional and academic education. Our goal is to make knowledge accessible to international participants through application-oriented educational formats and programmes, thus making a lasting contribution to lifelong learning.

[More about RWTH International Academy](#)



University location

[The student city of Aachen](#) is a vibrant and historic place located at the border triangle of Germany, Belgium and the Netherlands. Aachen was a favoured residence of Charlemagne. After the departure of the Romans from this region, Charlemagne finally managed to forge the lion's share of Europe into something that resembled an administrative unity, with Aachen as the beating heart of the empire. The "Rathaus" (city hall) and "Dom" (cathedral) bear witness to this earliest Carolingian building history. During your time in Aachen, you will have the opportunity to discover the city, its history and its most important sights. Moreover, you will experience student life at one of Europe's leading technical universities and become part of the international student community. There is no better place to encounter European culture while challenging yourself in our programmes.

Contact

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🌐 Course website: <http://bit.ly/3E5bCMc>

📘 <https://www.facebook.com/RWTHInternationalAcademy/>

🐦 https://twitter.com/RWTH_Academy

🌐 <https://www.linkedin.com/company/rwth-international-academy/>

📷 <https://www.instagram.com/rwthacademy>

📺 <https://www.youtube.com/user/RWTHAcademy>

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International Programmes in Germany - Database

www.daad.de/international-programmes
www.daad.de/sommerkurse

Editor

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www.daad.de

GATE-Germany

Consortium for International Higher Education Marketing
www.gate-germany.de

Disclaimer

The data used for this database was collected and analysed in good faith and with due diligence. The DAAD and the Content5 AG accept no liability for the correctness of the data contained in the "International Programmes in Germany" and "Language and Short Courses in Germany".

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