Dear prospective student,

We are happy that you consider joining the Aerospace Engineering programme at Delft University of Technology! Due to a growing popularity of our bachelor programme, nearly 3.000 prospective students have registered for the academic year for 2024-2025, we have unfortunately been forced to establish a numerus clausus. This means that only 440 new students can be admitted to the first year of our bachelor programme for the academic year 2025-2026. To ensure a good match between students and our educational programme, we therefore select the students that we believe fit best in our programme by means of a selection procedure.

The selection procedure consists of several steps, starting with the matching phase. The Digital Learning Environment is the first element in the matching phase. You will read about the Digital Learning Environment later in this manual. Also, applicants are asked to reflect on his or her choice for Aerospace Engineering and TU Delft Code of Conduct. After this, the selection phase will start and you will have to take the Academic Aptitude Assessment and participate in the Selection Exam. The outcome of the selection procedure is a ranking number, based on which you will or will not be offered a place in our bachelor programme. We determine your ranking number based on two criteria, Academic Aptitude and Academic Performance. These criteria are assessed by the *Academic Aptitude Assessment* and the *Selection Exam.* The Academic Aptitude Assessment consists of two separate tests, the Study Motivation Test (SMT) for your personal study motivation and a personality test focused on study situations (MPT-Study). In the *Selection Exam* you will be tested on your knowledge of mathematics & physics and the first-year AE topics that are being made available to you as study material on the Digital Learning Environment.

The selection procedure is designed such that it enables us to evaluate your suitability for our programme, but also such that it provides you a realistic image of both the content and level of our programme. Are you a good fit and do you have what it takes? Based on what you explored in the Digital Learning Environment and the result you obtained for the Math & Physics level test, you will take some time to reflect upon your experiences thus far. This way we hope to help you to decide whether or not Aerospace Engineering at TU Delft is the right study programme for you.

This manual provides you with an overview of all the steps that are involved in the selection procedure for the bachelor programme Aerospace Engineering at TU Delft. Each step is explained in detail, and some frequently asked questions are included at the end of each section. More information will also be shared with you by email during the selection procedure, and on the Digital Learning Environment (access granted in February). *Every student who wants to enrol for the first year of our bachelor programme has to participate successfully in this selection procedure.*

The official regulations that apply to the selection procedure can be found in the documents '*Selection and Placement Regulations*' (TU general) and *'BSc Selection Regulations & Procedures Bachelor's Degree Programme Aerospace Engineering'*. You can find links to relevant documents and webpages on our website: Selection Procedure Aerospace Engineering – TU Delft

If after reading of this document you still have questions to which you cannot find the answer on our website, you can of course contact us:

- for questions regarding the study programme and info activities: study-ae@tudelft.nl
- for questions regarding admission, registration and Studielink: contactcentre-esa@tudelft.nl
- for questions regarding the selection procedure: selection-ae@tudelft.nl

Good luck with the selection procedure!

The AE Selection Team

SELECTION PROCEDURE MANUAL FOR THE BACHELOR PROGRAMME AEROSPACE ENGINEERING

CONTENTS

OUTLINE OF THE PROCESS

Bachelor BSc Aerospace Engineering programme

Every year, billions of people rely on air travel, while satellites play a crucial role in daily communication, meteorology, Earth observation, and navigation. Wind energy is essential for the energy transition. In the BSc Aerospace Engineering you will learn how Aerospace Engineering can contribute to a better, sustainable world.

The BSc Aerospace Engineering teaches you the knowledge, skills and mindset required to address these challenges. The programme has an excellent reputation worldwide and the faculty is equipped with high-tech facilities. We have an advanced flight simulator, our own aircraft which is used as a flying classroom, a clean room for the development of our own satellites, subsonic, supersonic and hypersonic wind tunnels. Additionally, we have access to a large laboratory for the development, manufacture and testing of materials and structures.

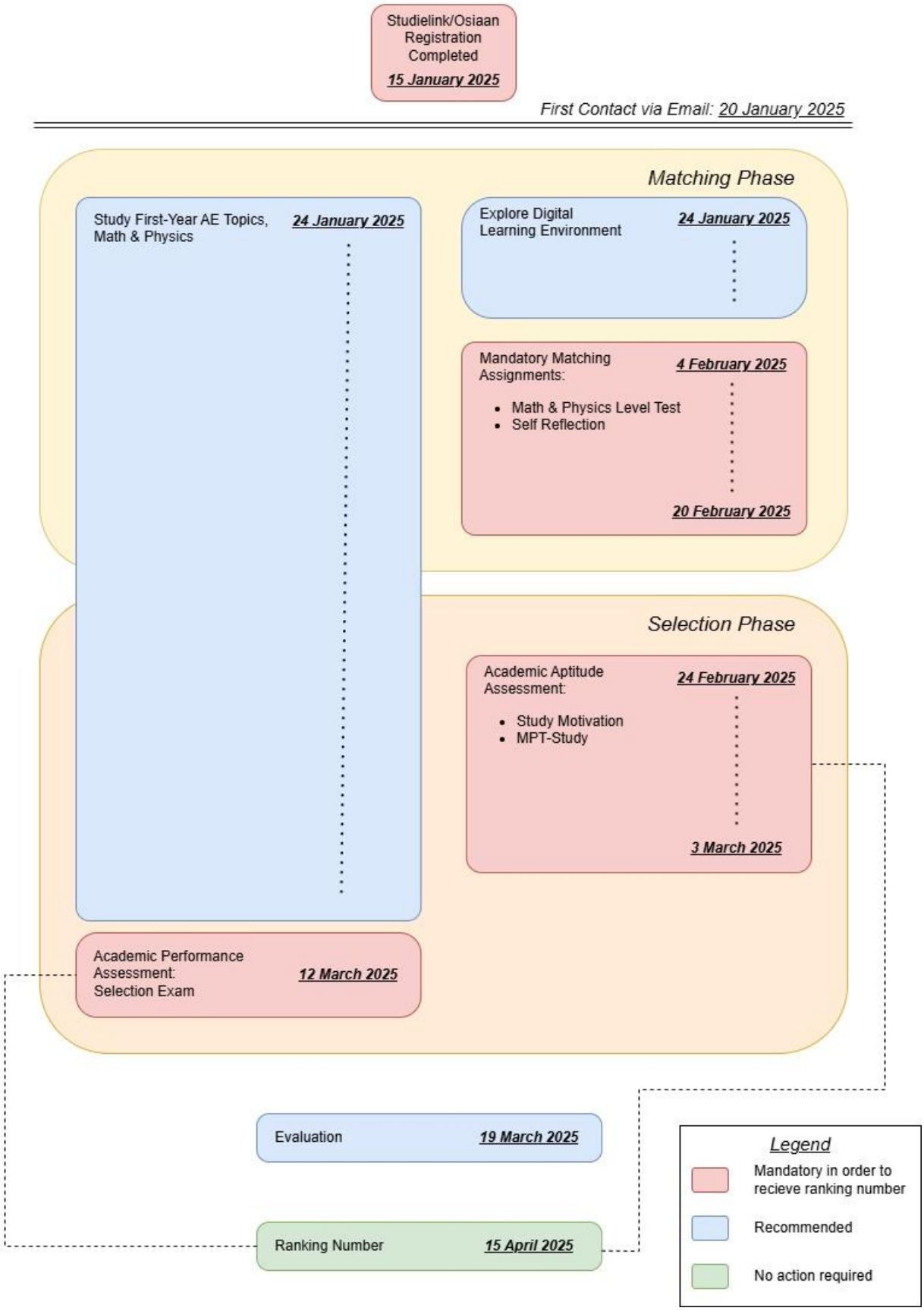
What kind of student are we looking for?

- Analytic, critical and optimistic problem-solvers at the heart of society and have the skills to become an all-round engineer
- Pro-active students who have the courage to think out of the box and communicate their ideas
- Skilled students in communication, collaboration and team work to effectively work together in diverse teams
- Students who master the fundamental knowledge of mathematics and physics
- Disciplined and motivated students who are capable of handling a large amount of self-study
- Students who adhere to and identify with the TU Delft values: Diversity, Integrity, Respect, Engagement, Courage and Trust (DIRECT), as embodied in the TU Delft Code of Conduct

Overview and important dates

Below you find an overview of the different steps and important dates in the selection procedure. You will also receive emails during the selection procedure to remind you of important deadlines (except for the Studielink registration deadline). Please note that all deadlines stated in this document, and communicated to you during the selection procedure, refer to Dutch time (CET/CEST) and 24-hour clock. This also applies for Studielink and the Digital Learning Environment.

Flowchart Selection Procedure BSc Aerospace Engineering at TU Delft



Important dates and deadlines:

Date	Description
15 January 2025	Deadline registration in Studielink and (if applicable) registration in Osiris
20 January 2025	First email will be sent to applicants
24 January 2025	Access to the Digital Learning Environment
24 January – 20 February 2025	Exploring Digital Learning Environment, studying First-Year AE topics and Math & Physics level test
4 February 2025	Access to mandatory assignments (Math & Physics level test & reflection)
20 February 2025	Deadline mandatory assignments
24 February 2025	Access to Academic Aptitude Assessment
3 March 2025	Deadline Academic Aptitude Assessment
12 March 2025	Participate in the Selection Exam
19 March 2025	Evaluation form
15 April 2025	Ranking number will be emailed to you

APPLICATION

Deadline: 15 January 2025 (CET 23:59; UTC+1)

Please direct questions regarding admission, registration and Studielink/Osiris to contactcentre-esa@tudelft.nl

If you wish to be included in the selection procedure, you need to register in **Studielink** no later than 15 January 2025. If you will *not* obtain a Dutch pre-university diploma, you must also register in **Osiris** (osiaan.tudelft.nl) and answer the questions and upload the required documents before this deadline. Failing to complete these steps in time will mean that you cannot be included in the selection procedure.

After submission of your full application, TU Delft Admission Office will verify your prior education and any additional admission requirements. If it is found that you do not meet the entrance criteria for our bachelor programme, you will be informed by TU Delft Student Administration. This also means that you will be excluded from (further participation in) the selection procedure for Aerospace Engineering.

So please note that participation in the selection procedure does not automatically mean that you meet the prerequisites for admission. The selection procedure is for *all* registered applicants and is only one of the steps towards enrolment. For any questions you have about TU Delft Admission and Application, please find your answer on their website or contact TU Delft Admission Office via contactcentre-esa@tudelft.nl. The Faculty of Aerospace Engineering and the selection committee have no further involvement in this process.

FAQ application

Q: I am conditionally admitted in Osiris. Do I still need to participate in the selection procedure?
A: Yes, you *do* have to participate in the selection procedure in order to be allocated a spot. The conditional admittance means that you meet the conditions (i.e. the prerequisites) in order to be allowed into the programme. It is not a confirmation that you are allocated a place. If you do not participate in the selection procedure, you will not receive a ranking number and hence will not be allocated a place in the bachelor programme Aerospace Engineering.

Q: My status in Osiris is 'being processed'. What does this mean?
A: This means that TU Delft Student Administration still needs to validate whether you meet the prerequisites for the bachelor programme Aerospace Engineering. Only if you meet these prerequisites you can be allowed into the bachelor programme. In case of doubt, please contact contactcentre-esa@tudelft.nl.

Q: As an international applicant, do I need to upload my entire file in Osiris by the deadline of 15 January 2025?
A: Yes, you do. Otherwise your prior education cannot be validated in time.

Q: As an international applicant, I have not completed high school yet, and therefore I cannot upload my diploma in Osiris before the deadline of 15 January 2025. Can I still apply for the programme?
A: Yes, you can apply if you are in the process of completing your secondary school education. If you have not yet received your secondary school diploma, you are asked to submit an original or certified copy of your most recent transcript/list of grades in the original language. If these documents are not already in English, French, German or Dutch, a certified translation into one of these languages is required.

Q: I am already studying Aerospace Engineering at another university. Can I transfer to TU Delft?
A: No, TU Delft does not accept transfer students. If you would like to pursue the BSc Aerospace Engineering at TU Delft, you will need to apply for our programme and participate in our selection procedure. Candidates will always need to start in the first year. Alternatively, a student can complete a BSc programme elsewhere and apply for our MSc programme afterwards if the right conditions are met. We also offer exchange opportunities. For more information about exchange programmes, please contact exchange-ae@tudelft.nl.

DIGITAL LEARNING ENVIRONMENT

Deadline: 20 February 2025 (CET 23:59; UTC+1) for mandatory matching assignments

Matching phase

The Digital Learning Environment is the first element of the matching phase. On **24 January 2025**, applicants will receive an email with more information and as of this date candidates will be given access to the Digital Learning Environment. This is an online platform which will be the central hub for the entire duration of the selection procedure.

The platform will contain lots of video material in order to familiarize yourself with the field of Aerospace Engineering and the bachelor programme in Delft, so that you can make a well-informed decision about your personal fit to the study.

On the platform, you can also strengthen your fundamental knowledge in mathematics and physics, and use our Math & Physics level test to demonstrate the skills needed for our programme. During the process you will be asked to reflect on the programme material and steps that you have taken. Alongside these activities you also prepare yourself for the selection part. Specific study material for the selection exam will also be published here, so that you can commence learning right away. Do you have what it takes to become an Aerospace Engineering student at TU Delft?

In order to proceed with the selection process, it is compulsory to have completed all of the mandatory matching assignments within the Digital Learning Environment by **20 February 2025, 13:59 CET**. Note that your performance in the matching phase does not influence your scores for the selection part.

In this manual we explain which actions we expect from you in this matching phase of the selection procedure. In short, this is what you may expect from the matching phase in the Digital Learning Environment:

- Introduction to the faculty, our code of conduct and the life of a first-year bachelor student
- Introduction to the bachelor programme Aerospace Engineering
- Introduction to first-year courses
- Strengthening your fundamental knowledge of mathematics and physics
    - Practice questions
    - Math & Physics level test
    - Pre-university MOOC Calculus
    - Pre-university MOOC Physics
- Math & Physics level test (mandatory) – activated by **4 February** until 20 February
- Self-reflection assignments (mandatory) – submitting is possible from **4 February** until 20 February

Time management

The matching phase will require a substantial time investment for you to interact with and learn from the material. This way, we hope that you can really get a taste of our bachelor programme. It can help you strengthen your skills for mathematics and physics, but we do not expect you to be able to complete both pre-university MOOCs in these few weeks. These courses revise high school level mathematics and physics and are aimed to close the readiness gap between high school and university. As we think that you cannot complete the matching phase in one day, you will need to plan for working on this matching phase yourself.

Math & Physics level test

In this first stage of the selection process we ask you to take the Math & Physics level test. In this test you will be questioned about your basic skills in mathematics and physics. By taking part in the (non-graded) Math & Physics level test, you will also receive feedback from us whether we think your prior knowledge suffices to successfully complete our bachelor programme. This test helps you to check whether you master all the relevant topics. As such, you also prepare for the selection exam. If you identify subjects that you are still struggling with, you can focus your attention on those in the weeks ahead. The score you obtain on the Math & Physics level test will be used by us to give you an advice on whether we think you will be a suitable candidate for our programme, based on having demonstrated the required knowledge for the fundamental courses mathematics and physics.

The Math & Physics level test will be available on the platform from **4 February 2025** and will have a time limit.

Preparation and study material Math & Physics level test

We do not require you to study for this test, as we already trust you to be familiar with the math and physics fundamentals. In the matching phase, you can explore if there is material that you like to catch up with, and we encourage you to use the pre-university MOOCs in order to strengthen your knowledge. The level test questions will be a combination of calculation-based questions or requiring you to provide numerical answers. For both the Math & Physics level test and the actual selection exam the test questions will be based on the "Syllabus– Mathematics & Physics", which is available on the Selection Procedure website. Take some time to review this document to have a general feeling of what you can expect. Note that the formula sheets for mathematics and physics will also be available for you (digitally) during the Math & Physics level test.

Outcome Math & Physics level test

You will receive a score in this Math & Physics level test, and our assessment of your prior knowledge for this bachelor program. We have many applications, and want to let you know with this step if we think you are a qualified candidate. It does not mean you are not qualified if you receive a low score, but we do ask you to reflect on the outcome yourself. You will need to complete the Math & Physics level test in order to proceed to the selection phase, but other than that your result will <u>not</u> be used in the calculation of your ranking number.

Self-reflection assignment

This is the final section of the matching phase of our selection procedure. The matching phase aims to make you think about what it is like to study Aerospace Engineering and whether you match with and are a suitable candidate for this degree.

At this moment, you should have a feeling of what the bachelor students of our faculty experience in their first year, in terms of the faculty environment, the interaction with their peers and the courses and content that are waiting for you. Based on what you explored in the Digital Learning Environment, we wish you to take some time to reflect upon your experiences thus far. Once you have finished all of the previous sections of the matching phase and have successfully completed the Math & Physics level test, the last assignment is to write your personal reflection on the questions available on the Digital Learning Environment. Submitting is possible from **4 February** until the deadline.

You must have taken the Math & Physics level test, and have complete all of the self-reflection questions before the deadline of **20 February 2025, 13:59 CET.**

Note: the final self-reflection questions can only be answered after the Math & Physics level test, which need to be submitted by the same deadline, so make sure to start in time in order to finish all your tasks!

Access to the Digital Learning Environment

The Digital Learning Environment is hosted on the TU Delft Online Courses platform and can be accessed by using Chrome or Firefox as your default web browser on Windows, MacOS and Linux operating systems. Participants will receive an email with the information how you can create an account on the platform.

ACADEMIC APTITUDE ASSESSMENT

Deadline: 3 March 2025 (CET 13:59; UTC+1)

Selection phase

The Academic Aptitude Assessment is the first element of the selection phase. The Academic Aptitude Assessment consists of two separate tests: the Study Motivation Test (SMT) and the MPT-Study. The scores obtained on these two tests will amount to 40% of your final selection score. On 24 February 2025 automated email invitations will be sent for the Academic Aptitude Assessment. This invitation will be sent by a third party company called NOA, with sender email address noreply@noa-online.net.

Study Motivation Test (SMT)

The **Study Motivation Test** (SMT) provides insight into the extent to which different types of motivation influence someone's behaviour during their studies. This test focuses on what motivates you when it comes to your studies. It explores what you enjoy and what drives you. It looks into what energizes you when thinking about your studies, the learning process itself, your interactions with fellow students, and your future prospects.

In the SMT you will have three statements presented at a time. These statements need to be ranked in order from most fitting to least fitting for you. The test consists of 35 sets with three statements. Sometimes, it might be challenging to choose, but it's important to note that there are no right or wrong answers, and your initial instincts should guide you.

MPT-Study

The **MPT-Study** is a personality test focused on your behaviour in study situations. This test aims to show the personal characteristics that influence your behaviour in study situation. The questions are fully based within the context of the study. The questions in this test are based on multiple criteria, for example how you interact with other students, how your fellow students would see you but also reflect on your own behaviour in certain study situations.

The MPT-Study test consists of 92 short statements. You need to choose to what extent these statements apply to you from completely disagree to completely agree. Also for this one, it might be challenging to choose sometimes but it's important that your initial instincts should guide you.

Preparation and time

Both tests have no time limit and no preparation is needed. The tests has been designed to take in one single sitting. The estimated time per test is 15 to 20 minutes. The advice we want to give you is, don't take too much time per statement and really try to follow your initial instinct. The Academic Aptitude Assessment starts on **24 February 2025** and you will have one week to complete the two tests. We advise you to complete the tests at your earliest convenience. The deadline for completing the Academic Aptitude Assessment is **3 March 2025, 13:59 CET.**

FAQ Academic Aptitude Assessment

Q: Why is the Academic Aptitude Assessment part hosted by a third party company called NOA?
A: An involvement of an external party (such as this specialized agency) strengthens the substantiation of the selection procedure. NOA is a psychological consultancy and research agency that works closely with the Social & Organizational Psychology section of the Vrije Universiteit Amsterdam.

NOA pays a lot of attention to diversity and inclusion and finds it very important that the instruments are honest and fair. They therefore conduct extensive scientific research into the possible influence of culture, migration background, gender or age on their instruments.

Q: Why are we tested on our Academic Aptitude as the Bachelor Aerospace Engineering is a technology study?
A: Only the knowledge in mathematics and physics it not enough to be successful in our studies. In our programme you will have to work a lot in teams and good collaboration is key. We are looking for a diverse group of students, that allows students to learn from each other and help each other where needed.

Study Motivation Test (SMT)

Q: Why do some questions look alike?
A: Some questions may look alike, but these questions are not exactly the same. The questionnaire measures a range of motivational learning scales, where all questions focus on slightly different aspects of your motivation.

Q: Do I need to write a motivation letter for the selection procedure?
A: No, we do not ask you for a personal motivation letter. In this selection procedure, rather than your personal motivation for applying, we will assess your academic motivation toward learning. The selection procedure is also meant to discover if our programme matches the expectations you have of our programme. Of course, if you already have a long-term passion for aerospace engineering, chances are higher that our programme will be a good match for you. But you do not have to convince us about this!

MPT-Study Test

Q: Why am I tested on my personal traits?
A: With the use of this test we have multiple criteria which we can measure on. In this way, we create a much broader perspective on your study behaviour and your study success. We are looking for a diverse group of students. A diverse range of relevant skills leads to this diverse group of students.

SELECTION EXAM

Date: 12 March 2025 (CET 13:59; UTC+1)

Setup of the Selection Exam

The selection exam is the second element of the selection phase. The score obtained on the selection exam will amount to 60% of your final selection score. The exam consists of multiple-choice questions related to the domains of mathematics, physics and first-year Aerospace Engineering Topics of the bachelor Aerospace Engineering and will have a total duration of 90 minutes.

The selection exam will consist of three sections:

- Mathematics (30 min – around 20 questions - weight 30%)
- Physics (30 min – around 20 questions - weight 30%)
- First-year AE Topics (30 min – around 25 questions - weight 40%)

Questions and answers per section will be presented in randomized order. Within each of the three sections, you can move back and forth to skip or go back to questions as you like. You must first finish section 1 before you can proceed to section 2, and once in section 2, you cannot go back to section 1. The same relation holds for section 2 and 3. The score for the selection exam is determined by the number of correct answers, with no penalties for any incorrect answers given. All questions are scored equally. Candidates' scores are determined by comparison with the scores of the other applicants. Therefore, there is no fixed pass or fail grade. After the test, no feedback on the scores or insight into the given answers will be provided.

Required study material and how to prepare

The required study material for the selection exam has been shared with you on the Digital Learning Environment since **24 January 2025**. Be reminded that the specific topics and material we expect you to know for the selection exam are described in detail in the Syllabus Selection Exam - Mathematics & Physics and the Syllabus Selection Exam - First-Year Aerospace Engineering topics (which will be uploaded later on the website). More information can also be found on the Digital Learning Environment, section "Preparation Math & Physics level test and Selection Exam".

In the Digital Learning Environment you will have access to the Math & Physics level test. You can use this test to prepare for the Selection Exam. It can help you to familiarize with mathematics and physics topics. On the Digital Learning Environment we will also be publishing some practice questions. The Faculty of Aerospace Engineering does not offer any further preparatory materials for the selection exam. This means that we do not provide any sample or practice exams to prepare for the selection procedure for Aerospace Engineering, and that insight into older test versions is not possible!

For candidates with learning disabilities, there is the possibility to apply for additional time during the Selection Exam. To be eligible for extra exam time, you must file an official request no later than **31 January 2025** following the instructions outlined in the FAQ section below.

Exam logistics

The exam will take place on the NOA online platform, which is the same platform you used to complete the Academic Aptitude Assessment. This exam will be remote proctored. Proctoring means making a test under digital supervision. That means that you and your surroundings are captured via your webcam and microphone, and that your screen is recorded. This way you don't need to go to a test location to make your exam.

The online selection exam will take place on **12 March 2025**. Each candidate will be assigned a specific time at which you must start the exam. Failing to start the exam on time will mean that you cannot participate in the exam. All candidates have one single attempt for the selection exam. Once you have started the exam you need to complete it, you cannot close it and continue at a later time.

All candidates who have completed the Academic Aptitude Assessment will receive an email with their personal time slot. The invitation to participate in the selection exam will be sent by NOA directly after you have completed the system check (see below).

Calculator

During the selection exam, you are only allowed to use the **pre-installed Windows or Apple (Mac) calculator** on your computer. Your computer calculator typically has multiple modes. Note that only permissible are the "standard" (or basic) mode and/or the "scientific" mode. Other modes, such as the "graphing", "programming" or "statistics" modes are *not* allowed and its use will be seen as a violation of the exam rules during the proctoring procedure. Likewise, you are *not* allowed to make use of a physical calculator of any kind. If you are not familiar with the functionality of the digital calculator app on your computer, we advise you to explore and practice beforehand.

The NOA platform does not provide the built-in calculator functionality of the Math & Physcis level test, hence the above regulations.

Online proctoring

What do you need?

- **Laptop or desktop with microphone and webcam (integrated or separate)** - As Operating System for your computer, there is no minimum requirement as long as the latest Chrome version can run on it. Windows, MacOS X, ChromeOS and most Linux distributions are supported. The proctoring service only supports the latest and the one before latest Google Chrome versions.
- **Google Chrome** - The proctoring software only work in the free browser Google Chrome. You could download this in advance, if you don't have this browser already.
- **A photo ID** - We need to identify you with your student card, passport, ID card, or a driver's license that has your name and photo on it.
- **A steady internet connection** - A decent internet connection is required and we recommend you use an ethernet cable to ensure a more stable connection.

The selection exam must be taken as if you were taking an exam at school. Your room must be silent and well-lit and your webcam should be positioned correctly so that you are visible at all times. No other people are allowed to be present in your surroundings and you must not leave the room yourself. The use of a mobile phone is strictly forbidden. More information about the proctoring rules and regulations will be communicated to candidates in the time leading up to the selection exam.

System check

Before the selection exam you will be invited by email from NOA to complete a system check. This checks whether the computer or laptop you wish to use to make the test is suitable for the proctoring software. Webcam settings, microphone settings and screen sharing settings are checked to see if these work. For screen sharing, installing a separate ProctorExam Google Chrome plugin is required. This is explained during the system check. No other software is required.

After you have successfully completed the system check, you will receive an email with the link to access the test on **12 March 2025**. This link is only available on the designated starting time for you. If you do not complete the system check, you will not receive the exam invitation and cannot participate in the selection exam.

More specific details will be communicated to candidates in the time leading up to the exam.

Starting time

Candidates will receive their starting time in the beginning of March. Please be aware that your start time is given in Dutch local time. In the allocation of starting times we will take into account the many different time zones of our candidates. According to the information you provided in your application in Studielink, we have the information about your residence. We will link this country to (standard or most common) time zone and local time for starting your test.

The exam starting time in CET time zone is fixed and cannot be deviated from. This means that your time slot cannot be changed. You are responsible yourself for starting the test at the correct time. Failing to start the exam on time, will mean that you cannot participate in the selection exam and hence will not participate in the selection procedure.

Taking the Selection Exam on the TU Delft Campus

Apart from taking the selection exam using your own computer, there is a possibility to take the selection exam on the TU Delft campus. This allows candidates who have principal issues against online proctoring or who cannot arrange the necessary resources to take the Selection Exam. If you choose this option, you will take the selection exam in one sitting. This option will only be granted in exceptional circumstances after the approval of the Selection Committee. This is not an alternative option to the regular online test procedures.

The exact time, date and location of the on-campus session(s) will be communicated by email during the selection procedure. If you want to make use of the on-campus opportunity, it is required that you sign up so that we can guarantee sufficient computer spaces. Candidates can submit a request by contacting selection-ae@tudelft.nl. The allocation of places will be on a first-come, first-served basis. Registration will be possible until **31 January 2025.**

Determination of your result

Your score on each section of the selection exam will be determined by the number of correct answers. There is no fixed 'pass' or 'fail' grade, since the scores are compared between applicants. The mathematics and physics sections serve to ensure a sufficient level on these domains. Scores on these sections are thus calculated categorically. Upon completion of the selection exam, you will not be able to see your score. The criterion Academic Performance determines 60% of your final ranking score.

FAQ Selection Exam

Q: What can I study for the mathematics and physics sections of the Selection Exam?
A: You can verify what prior knowledge and skills we expect in the syllabus. This is based on what applicants in Dutch pre-university education (VWO) need to study and what is required for the bachelor programme Aerospace Engineering. For the material relating to the mathematics and physics questions, additionally you can have a look at the TU Delft '*Pre-University Calculus*' MOOC and the '*Pre-University Physics*' MOOC. The material from these MOOCs is by no means compulsory study material, but may give you additional background if you wish to.

Q: Can I get sample or practice exams in order to prepare for the Selection Exam?
A: No, the Faculty of Aerospace Engineering does not offer any sample or practice exams to prepare for the selection tests. Insight into older test versions is not possible.

Q: What types of questions should I expect on the Selection Exam?
A: The Selection Exam will only consist of multiple choice questions.

Q: Is there a number of correctly answered questions I should strive for, in order to be selected?
A: No, there is not. It depends on how well your fellow applicants perform.

Q: Can I use the formula sheets for all sections of the Selection Exam?
A: Yes, you are allowed to use all provided formula sheets for all sections of the Selection Exam.

Q: In high school I am allowed to use a formula booklet. Can I use it for the Selection Exam as well?
A: No, this is not allowed. You are only allowed to use the formula sheets provided to you by the Faculty of Aerospace Engineering. The use of personal study materials, such as books, papers and notes violates the exam policies and is therefore forbidden during the Selection Exam.

Q: Do I need to know any mathematical and physical constants?
A: No, necessary constants are given either on the formula sheet(s) or with the question(s) during the test. You do not need to know these by heart.

Q: Can I also take the Selection Exam on a tablet or hybrid computer?
A: No, you need a regular desktop computer or laptop for the Selection Exam, because of the online proctoring.

Q: I am dyslexic/have another learning disability. Am I allowed more time for the test?
A: If you are diagnosed with dyslexia or another learning disability, you can apply for extended examination time by sending an email request to selectie-esa@tudelft.nl. Requests must be accompanied by official medical documentation in Dutch or English and must be filed no later than **31 January 2025.**

Your request must contain the following information:
(a) reason for applying for extra time
(b) your full name and TU Delft student number
(c) in the subject line of your email note 'Extension of exam time – selection procedure AE'
(d) in attachment add a digital scan of your official medical statement bearing your diagnosis.

The medical statement must meet the following requirements:

Dyslexia
• Your dyslexia statement must meet the criteria of the Dyslexia Foundation of the Netherlands (SDN) and has to be dated and signed by a recognized body;
• You have to supply a (official) translation in English or Dutch.

Other disability
• Your medical document must be signed and dated by a recognized body, for example a doctor, physician, psychologist or psychiatrist;
• Your medical document must contain information which confirms your disability and the structural nature;
• You have to supply a (official) translation in English or Dutch.

Please make sure to complete these steps before **31 January 2025**, to ensure that your request is handled in time for the start of the Selection Exam. For questions about the required documents you can contact selectie-esa@tudelft.nl. Official confirmation of the allocation of additional time for the Selection Exam will be sent to you by the BSc Aerospace Engineering Selection Committee (selection-ae@tudelft.nl) before **28 February 2025**.

Q: Since the questions are automatically graded, what if there is an error in the question?
A: We extensively check all questions when assembling the sections of the Selection Exam to prevent this from happening. However, if an error in a question is found, this particular question will be cut out of the grading.

Q: What can I do when I encounter a technical issue during the Selection Exam?
A: If you have trouble accessing the exam or are confronted with technical issues during the exam, you can use the live chat to contact our support team.

Q: Can I see my results per section and know which questions I answered correctly?
A: You will receive your final selection result, including your scores on the different sections, after completion of the selection procedure in April. You will not receive further information on which questions you answered correctly or wrong.

Q: Are travel and accommodation costs covered if I take the Selection Exam on campus?
A: No, they are not.

Q: I have other (study-related) activities in March and therefore have no time to prepare for the Selection Exam. Can I take it at another time?
A: No. We expect students to invest a substantial amount of time into the study Aerospace Engineering and therefore you are also challenged in studying for the Selection Exam next to your regular school work.

FAQ First-Year AE Topics

Q: I would like to start studying for the Selection Exam earlier. Can I know what material I need to prepare?
A: No. The objective of this part of the Selection Exam is to see if you can study Aerospace Engineering material on your own and within a set timeframe.

Q: What do I need to study for this First-Year AE Topic part?
A: You need to study the sections listed in the Digital Learning Environment.

Q: Where can I ask questions about this material?
A: You will need to study this material on your own, but feel free to ask around for help in studying this material. The Faculty of Aerospace Engineering, however, provides no support in this and will not answer such questions.

Q: Is reading the First-Year AE Topics sufficient to perform well on that section of the Selection Exam?
A: We cannot judge how well you perform based on only reading the material. The questions in the Selection Exam are constructed to assess how well you understand and are able to apply the material. Note that the practice questions are not necessarily representative for the questions of the Selection Exam.

AFTER THE SELECTION PROCEDURE

Evaluation

In regards to the goal of continuously refining and enhancing this process, we want to gather feedback on the selection procedure for the bachelor's program. To achieve this, we ask applicants to fill out our evaluation survey, which input is invaluable in helping us identify areas for improvement.

The evaluation survey will be shared with applicants on **19 March 2025**. The survey is open for two weeks. Completing the survey is highly appreciated but it is not compulsory to receive a ranking number.

Determination of the ranking number

Your final selection score will be based on two criteria, Academic Aptitude and Academic Performance:

- The score on **Academic Aptitude** is based on the Academic Aptitude Assessment: the Study Motivation Test (SMT) and the MPT-Study. This score counts for 40% in the determination of your ranking number.

- The score on **Academic Performance** is based on the Selection Exam: the Selection Exam consist of three sections: Mathematics, Physics and the First-Year Aerospace Engineering Topics. Your score for each section is based on how well you performed compared to other applicants. The final Selection Exam score counts for 60% of the determination of your ranking number.

Your score on the different sections of the selection procedure will be communicated to you after completion of the selection procedure and no later than 15 April 2025.

Your ranking number will be emailed to you by Studielink, on **15 April 2025**, at the latest.

Placement via Studielink

After completion of the selection procedure, the placement procedure will start. This will be done via Studielink. You will therefore also receive your ranking number via Studielink on **15 April 2025**. Depending on your ranking number and the number of places available, you may or may not be offered a place in our bachelor programme. If you are offered a place, you have to accept this place via Studielink within two weeks. If you do not accept your place within two weeks, your place will automatically be offered to the next available ranking number.

Hence, if your ranking number is within the number of places available in our bachelor programme, you will be offered a place immediately. If your ranking number is higher than the number of places available, you may still be offered a place in the following weeks/months. The process of placement will continue until mid-August.

With around 3.000 applicants, it is unfortunately the situation that many highly qualified and interested applicants will not be offered a place. It also means that a score below average in such a highly selective selection procedure can still imply the suitability of the candidate.

If you have questions regarding the placement procedure, please contact the Central Student Administration (contactcentre-esa@tudelft.nl). The selection team and the Faculty of Aerospace Engineering have no further influence on this placement procedure.

FAQ: General questions

Q: What can I do to prepare myself for the bachelor programme?
A: You can take the '*Pre-University Calculus*' and '*Pre-University Physics*' MOOCs from the TU Delft.

Q: After completing the selection procedure, I decided that I do not want to study Aerospace Engineering.
A: That is okay, part of the purpose of the selection procedure is to give you an idea of what to expect of our programme and to check if this matches your interests and skills. You have to cancel your registration in Studielink yourself.

Q: Do my extracurricular activities or grades from my pre-university education count in the selection procedure?
A: No, they do not. Because Aerospace Engineering attracts many international applicants with sometimes very different (educational) backgrounds, only the results in the selection procedure will be used to determine the final ranking. This allows the most equal procedure for all applicants.

Q: Is it possible to know how many students are currently participating in the selection procedure?
A: No. But to give you an idea: last year we had almost 3.000 applicants for the 440 places available. As the aim of the selection procedure is also that applicants obtain a better insight into the bachelor programme, not all applicants completed the entire selection procedure. Last year around 2.000 applicants completed all steps.