

# **TU/e mathematics B test for the Pre-Master – Frequently Asked Questions**

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## 1. For whom is the TU/e mathematics test?

The TU/e mathematics B test is meant for students with a Dutch HBO degree who are planning to apply (or are applying) for a pre-master program at Eindhoven University of Technology.

Please note that this mathematics test is NOT intended for students that want to participate in an HBO TOP program.

## 2. I'm applying for a pre-master program at the Department of Industrial Design/the Department of the Built Environment. Do I need to take the TU/e mathematics test?

No, if you are applying for a pre-master program at the Department of Industrial Design or the Department of the Built Environment, you do not need to take a mathematics test (for these two programs, there are no entry requirements for mathematics. However, you do need to comply with [the English proficiency requirements](#)).

## 3. When can I take the TU/e mathematics test?

The TU/e mathematics test is offered three times per year. The exact dates will be published on [the pre-master webpage of the online education guide](#).

## 4. How do I register for the TU/e mathematics test?

You can register for the test via the registration form on [the pre-master webpage of the online education guide](#). In addition, you pay a fee to participate in the test.

## 5. What happens after I register for the TU/e mathematics test?

After you've registered for the test, you will receive a confirmation e-mail. This e-mail contains important information about the next steps in the process. It also contains information about how you can pay the fee that is required for the test.

## 6. I registered for the test, but I didn't receive a confirmation e-mail. What can I do?

It may take a while before the confirmation e-mail arrives. However, if you didn't receive a confirmation e-mail after several hours, please check your spam folder. If you still didn't receive an e-mail, please contact [premaster@tue.nl](mailto:premaster@tue.nl) to check your registration.

## 7. Can I practice for the test?

Yes, it is possible to practice for the test. Free exercises can be found [here](#).

In addition, a few weeks before the date of your TU/e mathematics test, you will receive an e-mail with an account for practice exercises. Please note that you will only receive this e-mail if you have paid the fee for the test. The e-mail also contains your official invitation to take the test and your TU/e student number you need to fill in on your test sheet on the day of testing.

## 8. What topics should I know and master for the math test?

For the test it is important that you master high school math (VWO), in particular algebraic

skills. The topics you should know are:

- Computing with fractions, computing with letters, Equations and inequalities, Powers and roots.
- Exponential functions and logarithm, Trigonometry, Differentiation and Integration.

At [www.wistue.nl](http://www.wistue.nl) you find for all these topics exercises to practice and short summaries of the theory

Especially, consult the lecture notes of Algebraic Skills ( <https://oncourse.tue.nl/wistue-2022/mod/resource/view.php?id=39> )

as well as the exercises from the course 'Practice your Math' (<https://oncourse.tue.nl/wistue-2022/course/view.php?id=9>).

### **9. How much does it cost to participate in the TU/e mathematics test?**

The fee for participating in the test is 80 euros. Please note that you can take the test as often as you'd like. However, for each time you participate, you pay 80 euros.

### **10. I haven't paid the fee for the test. Can I still take the test?**

No, you can only participate in the test if you have paid the fee. Even if you show up for the test, the supervising staff will not be able to let you take the test.

### **11. I haven't paid the fee for the test on time. Can I still take the test?**

No, you can only participate in the test if you have paid the fee before the deadline communicated to you in the confirmation e-mail you've received after you registered for the test. Even if you show up for the test, the supervising staff will not be able to let you take the test.

### **12. Is the test offered online?**

No, the test is offered on campus only.

### **13. How much time will I have to complete the test?**

You have one hour to complete the test.

### **14. Is the test in English or in Dutch?**

The test is offered in English only.

### **15. What is the format of the test?**

The test consists of 20 multiple choice questions. Each question has one unique answer.

### **16. What should I bring to the test?**

Please bring:

- A blue or black pen (preferably several, to make sure you'll always have one that works).
- Your official invitation e-mail that confirms your participation in the test.
- The TU/e student number you received after applying for the premaster program via Studielink. You need to fill in the TU/e student number at the top of your test paper. Without this number, we cannot grade your test.

### **17. Can I use a calculator?**

No, you are not allowed to use a calculator during the test. You can only use pen and paper.

### **18. Can I ask questions about the contents of the test, during the test?**

No, it's not possible to ask questions about the specific questions or contents of the test. The people supervising the test do not work for the mathematics Department and are not able to answer such questions. This is part of the test.

**19. I would like to take the test, but I require special facilities. What should I do?**

I would like to take the test, but I require special facilities. What should I do? If you need special facilities for taking the test (for example due to a functional impairment, chronic illness, or mental health issues), and you ticked the box for special facilities on the registration form, you will be informed via email what to do. Otherwise, please let us know at least 3 weeks before the date of the test via [premaster@tue.nl](mailto:premaster@tue.nl).

**20. How many questions should be answered correctly to pass the test?**

To pass the test, you must answer 12 questions correctly.

**21. How soon after taking the test will I get my results?**

After taking the test, the results will be checked by the mathematics department. Within two weeks, the results will be ready.

**22. What happens if I pass the test?**

If you pass the test, you will receive an official confirmation letter. You can use this letter to continue your admission process for your pre-master program by uploading this letter in your Osiris account.

**23. What happens if I don't pass the test?**

If you don't pass the test, you will receive an e-mail informing you about the result. If you did not pass the test, you have not fulfilled the mathematics requirements for your pre-master program.

**24. Can I re-take the test?**

No, you cannot re-take the test. You can, however, choose to register for the next test. Please know that you will have to pay the fee again (80 euros). You can also choose to take a test at one of the external institutes, such as the James Boswell Institute.

**25. Are there any other tests I can take, to fulfil the mathematics requirements?**

Yes, you can also choose to forego the TU/e mathematics test and take a test elsewhere. The TU/e accepts certificates from several external institutes. An up-to-date list is available on [the pre-master webpage of the education guide](#).

**26.. I registered for the TU/e mathematics test, but I changed my mind. What can I do?**

Please send an e-mail to [premaster@tue.nl](mailto:premaster@tue.nl) as soon as possible, informing us that you will not be participating in the test. To get a refund of your registration fee, the cancellation of your registration needs to be in our mailbox two weeks before the test date, the latest. If you change your mind after that time, we cannot provide you with a refund.