

0) registration for this exam through Osiris, just as usual!

1) This is an individual exam. **It is forbidden to communicate with others in any conceivable way.** During the exam students may communicate with proctors only.

2) Zoom will be used to communicate via chat in case there are questions concerning the exam. In line with new TU Delft policy, Zoom will **NOT be used for surveillance** (instead, one out of three students will be asked to explain the answers after the exam is finished, see below for details). Your camera and microphone are NOT going to be used during the exam.

3) Include in every exam form a picture of your student ID card (the card with your picture and student number). It is recommended & handy to **make a picture of it beforehand and store in on your computer** so that you can insert it in your answer form without it taking valuable time.

4) The questions are dispensed to students **one by one by e-mail**. During 55 (65) minutes students may work on the question provided (between braces: time for students with extra time). After the time limit has expired students must immediately send in their answer-forms (details below). Students must plan accordingly – combining the answer into a single pdf file needs to happen during the 55 (65) minute time interval. Answers sent in late might not be processed. In between questions there is a 5 minute break. There will be three questions and two breaks.

5) **The question form is personalized** – you must use the exam question form that has been prepared specifically for you. If you answer a form that is intended for someone else, you will not receive credit for it.

6) Students will send their exam form (**one single pdf file**, no archives allowed) by e-mail to M.H.F.Sluite@TUDelft.NL after the time period for answering a question has expired. The exam form must be named *******_answer#.pdf**, where ********* represents 7-digit student number and **#** represents the label of the question (labels are single letters A-Z, it indicated at the top of the question form).

7) At the top of every answer form (there will be 3 answer forms per student), students must include and affirm an integrity statement (see below). It is recommended to **store your signature as a picture** on your computer beforehand, so that you can sign such a statement in a prepared document without hassles during the exam.

8) The exam is open book, internet browsing is permitted, students may use their own computer codes and also may also use the codes that I have made available to them (students may NOT use codes written by others! Automated plagiarism checks might be used.)

9) Only a numerical answer without explanation/code to show how it was arrived at does not count. When one cannot find a solution or one runs out of time, points can be awarded on the basis of descriptions of how to approach the problem.

10) **ALL codes** used for your computations are part of your answer, AND must be **included as text** (no screen shots of codes!). (as text so that they can be analysed by a plagiarism checker)

11) After completion of the exam, one out of three students will be called through skype to explain answers. On the answer form students **must indicate their skype name**. Only if in the Netherlands, a local (mobile) phone number may be provided instead. You may be called **up to 90 minutes** after completion of the exam.

12) The invigilators will indicate their telephone numbers (to be used only in case of calamities such as power outages, internet interruptions, other electronic mishaps) at the onset of the exam. If **mishaps occur, students must call** their invigilator right away.

13) There will be multiple exams (3 questions therefore 6 different permutations of questions – so the students each get to see one of 6 exams forms)

The green statement 13 is not shared with the students.

Marcel Sluiter

Integrity statement

As a student of the 3mE faculty, I realize that following my education involves rights and obligations. These translate into mutual expectations between me as a future engineer and TU Delft. I will behave as one would expect from a good student. This means that I have an open, independent and helpful attitude, that I am focused on cooperation and that I am honest, respectful and careful. I will consider the backgrounds and feelings of everyone with whom I have a professional relationship within the study program. I am aware that fraud can lead to this exam being declared invalid.

Name:

Signature: