

## ME41000 EXAM Automotive Human Factors (OPEN-BOOK EXAM)

### Proposal for online examination June/August 2020

The grading consists of the following components:

- A) 2 small assignments** (pass/fail) with feedback and option to revise.  
All 91 students already passed and this year only few revisions were needed.
- B) Design assignment**, groups of 4-6 students,
- draft design outline with feedback supervisor (completed - all needed some adjustment)
  - presentation with review by 2 groups of fellow students (no grade)
  - final assignment with review by 2 groups of fellow students (with individual grade)
  - The final grade is individual and will be the average of the grade by fellow students and the supervisor.
- C) Exam** 23 June 2020 and resit 10 August 2020.
- This was traditionally a closed book written exam with mainly open questions.
  - The proposed online form is a **Brightspace Quiz** with manually scored questions.  
The exam will now be open book but this will not make a huge difference since
    - 1) answers cannot be found easily in the lecture material or earlier assignments
    - 2) time will be lacking to browse the material

**The final grade consists of the exam (60%) and the Group assignment (40%)** and will only be entered in Osiris when the pass/fail assignments are passed.

**Fraud prevention.** In this student cohort I see a high motivation level and the presentations given and assignments submitted show a reasonable to excellent level. Hence the risk of fraud is not excessive, and I propose modest countermeasures as described below.  
I will announce these before the exam.

## Randomisation : the exam will differ between students

### Oral authenticity checks

#### Complementary oral check for randomly sampled students

This is not a grade determining part of the examination, it is only applied to check if the student has been honest in submitting his/her work. Only a sample of the students will be selected.

The exam will contain a field to enter the student email and phone number.  
We will contact several students within 3 hours after the exam by zoom, and ask them to activate the camera and show their student ID and ask for an explanation of some answers.

In case we come across irregular results while scoring the assignment/exam and suspect fraud, we will follow the regular processes and report this to the Board of Examiners and student.

### Honor pledge

We trust the integrity of the student. At the start of the assessment the student will confirm the honor pledge.

“I promise that I will not use unauthorized help from people or other sources during my exam. I will create the

answers on my own and I will create them only during the allocated exam time slots. I will not provide help to other students during their exam.”