TECHNISCHE UNIVERSITÄT DRESDEN

DRESDEN concept

Faculty of Computer Science, Institute of Systems Architecture, Chair of Systems Engineering

RoboLab Autumn Course – Exam Information

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Exam - Organization

- The will take place on **January 17th 2020** in room **APB/2026**
  - ➔ We will restrict your group repository access to read-only on this day at 8:00 // 8.00am
- We offer time slots for you to do the exam (est. 40min each)
  - ➔ **Block 1**: 9:00 – 12:00 (9.00am – 12.00am)
  - ➔ **Block 2**: 13:00 – 16:00 (1.00pm – 4.00pm
- The final grades will be put into the HISQIS system in CW6 (est.)

Exam - Before

- Make sure everything is checked/merged into the ***master* branch**
- **Attending the exam is mandatory** for all group members
- Don‘t forget to **bring your student id card**

- Make sure to have the **LEGO brick fully charged**
- Make sure to **bring all the equipment** with you
  - ➔ We will check the boxes after the exam

Exam - Procedure

- Before the exam you‘ll be given some time to calibrate the values for the color sensor
- The exam consist of two parts
  - ➔ **Part 1**: Select two small programs to check your robots capabilities
  - ➔ **Part 2**: Successfully process the multi-page program

- For multi-page programs, you are allowed to place and adjust the next page manually if necessary
- In case of hardware problems or card offsets growing too big you may be given a second attempt

Exam - After

- You need to deconstruct / disassemble the robot
- Sort the LEGO box according to the template inside
  - ➔ Count parts if necessary
- Separate the additional parts given from the box content
- After sorting the box we'll check the weight
  - ➔ Make sure that no parts are missing
- *If many and / or important parts are missing, the group has to pay for the cost of the replacement parts!*