



ALBERT-LUDWIGS-
UNIVERSITÄT FREIBURG



Advanced Embedded Systems Laboratory

**Laboratory for Electrical Instrumentation
Department of Microsystems Engineering - IMTEK
University of Freiburg, Germany**



Information:



Philip Klein
Peter Härten
Alexander Richter
Dr. Fabian Höflinger

- Mandatory attendance (7 - appointments)
- Group A and Group B

- The (next) exercise sheet will be sent to you on the same day after the lecture.

- Calculation of the mark:
 - 35 points for exercises and own project
 - Evaluation criteria:
 - Function
 - Coding
 - How are we testing?
 - Function test of the solution -> Send the exercise solution two days early
 - Explanation during demonstration appointment

Lab Content and Time Table



2 May (Building 74- MSP-Pool) Start:14:00

Hand out Lab Evaluation Board & Go through the tutorial

Ex.1 assignment (**3 points + 1 point** for coding)

9 May

Ex.2 assignment (**5 points + 1 point** for coding)

Demonstrate the solution of Ex.1 (possible code modification and questions)

(Group A: 14:00 / Group B: 14:30)

23 May

Ex.3 assignment (**6 points + 1 point** for coding)

Demonstrate the solution of Ex.2 (possible code modification and questions)

(Group B: 14:00 / Group A: 14:30)

6 June

Ex.4 assignment (**4 points + 1 point** for coding)

Demonstrate the solution of Ex.3 (possible code modification and questions)

(Group A: 14:00 / Group B: 14:30)

Finalization of project idea

20 June

Start your own project (**8 points** – depending on the level **+ 1 point** for coding)

Hand in Exercise 4

Lab Content and Time Table



27 June

Demonstrate the solution of Ex.4 (possible code modification and questions)
(Group B: 14:00 / Group A: 14:30)

18 July

Demonstrate (presentation) your own project (**4 points**, 10 mins presentation inc. demonstration + 5 mins discussion) (**Group A + Group B: 14:00**)

The exercise sheet will be sent to you on the same day after the lecture.

Send the exercise solution two days before (23:59) -> E-Mail fabian.hoeflinger@imtek.de

Example:

9 May

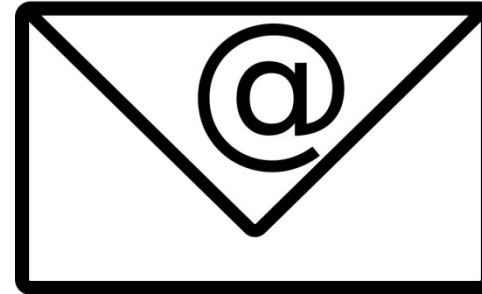
Ex.2 assignment (5 points + 1 point for coding)

Demonstrate the solution of Ex.1 (possible code modification and questions)
(Group A: 14:00 / Group B: 15:00)

-> **7 May, 23:59** Send the exercise 1 solution

Next steps:

- 7 May 23:59 deadline for exercise 1 (E-Mail)



- 9 May (next appointment) – Live Demonstration of exercise 1

Remember to register the exam !!!