

Instructions and preparation for Computer Aided Lab – A

Read before the lab starts!

Winter Semester 2021-2022

This important information is spread to the students via ILIAS

All information (including time schedule, descriptions of the experiments, tasks...) is stored at ILIAS

Please get familiar with the H-KA safety instructions due to epidemic situation, please get familiar with the safety instructions when working in an electronic laboratory. Each lab group consists of two persons, so face mask strictly required! Only students which are vaccinated, tested or recovered can participate the lab. This will be proofed via H-KA by an external security service! Students are responsible for the evidence / documents for vaccination, tests or recovering. No lab without evidence.

In order to perform a good lab you have to **prepare each experiment before it starts** (tasks and subtasks). Only reading tasks some hours before starting an experiment is not a useful preparation. **Please have a paper copy with you** at your lab day including printed exercise / experiment description and tasks/subtasks – it is your experimental protocol.

Please read carefully the description of the experiments before your lab day starts. **You also have to fill the grey fields / questions on the exercise sheet before your lab starts.** You have to get familiar with the basics of physics, electronics and the background of the experiments before your experiment starts. It is recommended to work with appropriate books, sources coming from the internet and so on which may be found by using useful key words.

Please keep in mind that you will be faced with questions about the experimental basics in order to proof whether you are able to perform the experiment – in other words: **please get prepared for the experiments.**

The lab is dealing with three different experiments (please see at ILIAS) and each group must write a report after each experiment. The report must contain a title page with full name of both students, group number, H-KA email addresses, matricule numbers, name of the experiment and date, the description of the experiment and protocol / exercise sheet, basics, results and a discussion of the results. **You have to store / upload reports in an electronical way (e.g. a PDF) at ILIAS.** To prevent mess at ILIAS, **all stored report data must have for file name the group number and the number of experiment.** Example for file name: "Group11Exp2". The report must be released until your next experiment will start.

It is recommended to check ILIAS time by time for changes or unforeseen statements.

Thank you very much, looking forward to a good lab,
kind regards, Prof. Dr. Helfried Urban