

# Homework guidelines for SEE class

Björn Kahl

Version 1

Monday 27<sup>th</sup> April, 2015

## 1 Submission requirements for passing the course

- In order to pass the SEE course you are required to *pass 80% of all assignments*. Copying solutions from fellow students or from the internet is not considered as a visible effort (unless the assignment is to obtain information from external sources like the internet). Remember that the doing the practical homework is the main learning method of the course. It is defined as a lab class, not a lecture.
- The assignments will be discussed in group meetings in the class following the submission deadline. This discussion can have one of three outcomes:
  - “pass”: No major deficits, move on to the next assignment.
  - “part-done”: Some significant parts are missing or incorrect. Homework solution needs to be amended until next class.
  - “fail”: The submission does not fulfill the requirements, major parts are missing or incorrect. Practical work and report have to be redone.

## 2 Group work

Assignments will be carried out in groups of two students. Each group member must be able to explain the whole group work. If a group member can not explain the work done, that group member may not have the assignment marked as solved and counted towards the course passing criteria. Only one submission per group should be done.

## 3 Submission details

During the course you will be assigned weekly exercises, typically consisting of some practical lab work and writeup of a report detailing the actual experimental process (the practical lab work) and theoretical results obtained by the experiment.

### 3.1 Format requirements

- The homework document must be in electronic, typed, readable format, and written in English. **Scans or photographs of handwritten text will not be accepted.**
- The homework document must bear the *title* “Scientific Experimentation and Evaluation, Assignment: <assignment\_number>”, followed by *your name(s)* and the *due date* of the assignment, see example below. **Homework submissions without your name(s) on the first page will not be considered as a regular submission!**
- The homework document must have a clear internal structure as fits to the assignment at hand, including explicit references to sub tasks mentioned in the homework assignment. Each document must be self-contained, but may reference source code or data in other files, i.e. raw data in an Excel file or CSV file.
- The only allowed document format for the main written report each week is PDF, preferably created with L<sup>A</sup>T<sub>E</sub>X, which is also the most flexible and distinguished typesetting format worldwide, not only in the scientific community. In case you haven’t used L<sup>A</sup>T<sub>E</sub>X yet, this is a perfect opportunity and to your own benefit for you to make yourself familiar with it. Here are some links to get you started:
  - L<sup>A</sup>T<sub>E</sub>X – A document preparation system
  - List of T<sub>E</sub>X Frequently Asked Questions
  - L<sup>A</sup>T<sub>E</sub>X Wikibook
  - Getting Started with L<sup>A</sup>T<sub>E</sub>X
  - T<sub>E</sub>XnicCenter

Example title page:

Scientific Experimentation and Evaluation  
Assignment: 3.1

Bjoern Kahl, Paul Ploeger

Sunday 26<sup>th</sup> April, 2015

## 3.2 Document naming and submission method

Your homework must be submitted to LEA with the following naming format:

`SEEHomework_Your_Name_DueDate`

where **Your\_Name** shall be replaced by your last name(s) and your first name(s) (for example: `Kahl_Bjoern_Paul_Ploeger`) and **DueDate** shall be replaced by the due date indicated in LEA, in a 8-digit format (e.g.: 20150426 for Sunday 26<sup>th</sup> April, 2015).

If you want to upload multiple files as an archive, then use either *ZIP* or *tar* (you may compress the tar archive using gzip or bzip resulting in a tar.gz, tgz or tbz file). The archive file must be named in the same way as the homework document, but with the appropriate extension of zip, tar or one of the compressed tar extension.

You must upload your homework until the deadline indicated in LEA, usually 18:00 on the due date, which is almost always the Sunday before the next SEE class. **This is a sharp deadline! Homework submitted after the deadline will not be considered as a regular submission!**

## 3.3 General remarks

- In any case: **Be explicit about your assumptions** when solving an exercise.
- If you cannot solve an exercise despite trying hard, submit what you have tried. Do *not* skip the assignment, but also do not try to hide your problems by writing pages of explanations. Just state your attempted approaches and briefly describe why they did not work out.
- *Copying solutions* from other students or other sources not explicitly allowed to use is strictly forbidden. The university has adopted a strict anti plagiarism policy, and any attempt to present third party material as your own work will be punished.  
Any external sources used, literally or indirectly, must be cited. Failure to do so constitutes plagiarism.

These guidelines may be updated from time to time. The latest version is always available at the Moodle page for the course.