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## How to SSP

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### What should you do in the self-study phase?

The daily self-study phase (SSP) during the prep course, but also group work in your later studies serve to understand the material introduced in the lecture more deeply, to consolidate the knowledge imparted, and also to expand it. The following procedure can help this purpose. Depending on your needs, it can be supplemented with further points or modified.

- Collect:
  - Which topics were covered by today’s lecture?
  - Are there any unanswered questions from the lecture?
  - Which topics from previous days do you still need to work on or are there open questions?
  - What were the most important definitions and theorems in the lecture?
- Clarify any unanswered questions. If necessary, first *repeat* material from previous days, go over assignments from tutorials again, catch up on any leftover assignments from warmup sheets, and clarify questions in the group. To do this you can:
  - Discuss it in the group. Ask your fellow students if something is not clear to you and contribute your ideas. Help others.
  - Review material from the lecture, i.e.:
    - \* *Look at slides*. Mark important things or write them out.
    - \* *In parallel, read the book*. Mark it. Write out important things and make additions to the slides/lecture content. Not everything can be explained in detail in the lecture. Did you solve all the *checkpoint* exercises?
  - Look at other provided materials e.g. the definition collection.
  - Post a question in the forum. Other students may have the same problem. Together you can get further.
  - If all this does not lead to success: Write down questions to clarify with *tutor/coach*.
  - Googling. Google is your best friend. This is true throughout your studies. There you will find explanations, further reading, tutorials, practice problems, etc.
- *Warm-up sheet*: Work on the assignments & *discuss* solutions in the group. Address problems and questions as in the previous point.
- “*Your warmup question!*” Try to come up with new questions. Answer them in your group, if you can. If a question is too hard for you: great! Post it in the forum, torture your tutor or the lecturers the next time you see them. However, don’t expect your coach to have an answer. After the prep course, there won’t be a coach for you either.
- Take all materials as inspiration for further tasks/types of tasks. You can e.g. modify already existing tasks on the warm-up sheet or take suggestions from the lecture into account. Question yourself: What could be possible tasks on this topic on the weekly exercise sheet or in the exam?
- Keep an eye on the *forum* during the SSP. There may be questions from fellow students or other ideas for discussion in your group. There are also bonus exercises for when you need an additional challenge and want to go beyond the thought material.
- Recognize what you still *don’t understand*, what you still need to *practice, repeat, or ask*.
- Become active yourself.