Fachbereich Mathematik
Prof. Dr. W. Trebels
Dr. V. Gregoriades
Dr. A. Linshaw

TECHNISCHE UNIVERSITÄT DARMSTADT

12-04-2010

General Information about
Analysis II (engl.)
Summer Semester 2010

Information concerning the course can be found on the homepage. A link to the homepage can be found here:

https://www3.mathematik.tu-darmstadt.de/index.php?id=84&evsid=23&evsver=843

1 Schedule

Lecture: Start 13-04-2010.

Tuesday	09:50 – 11:30	in S207/109
Wednesday	11:40 – 13:20	in S214/024

Exercise groups: Start 15-04-2010.

Exercise Group Tutor	Time	Room
Julian Bitterlich	Thursday 16:15 – 17:55	S103/116
Zaur Guliyev	Thursday 08:00 – 09:40	S103/116

Tutorials: Start 14-04-2010.

Tutor	Time	Room
Vassilis Gregoriades	Wednesday 09:50 – 11:30	S103/312
Andy Linshaw	Wednesday 09:50 – 11:30	S103/126

Email addresses:

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Vassilis Gregoriades	gregoriades [at] mathematik [dot] tu-darmstadt [dot] de
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Andy Linshaw	linshaw [at] mathematik [dot] tu-darmstadt [dot] de

The script which the lecture will follow can be found on the website.

2 Course material and office hours

On the webpage you can find news regarding the course and download lecture notes as well as eventual supplementary notes. Exercise sheets, homework and tutorial sheets with solutions will also be available here.

Sheets with solutions to tutorials, exercises and homework will also be found in the *Lernzentrum Mathematik* (LZM) (in building S2 10). Also the lecture notes will be available for copying in the LZM.

Literature: The lecture does not follow any particular book. Some possible additional reading will be given on the webpage.

Official office hours: Lecturer, assistant, tutors and exercise group tutors will offer an offical office hour once per week. The precise time slots will be fixed in agreement with the students in the relevant classes. More information will be given later.

3 Exercises and tutorials

On the exercise classes:

Each week the students will get an exercise sheet and a homework sheet in the exercise class. At the start of each exercise class a group of one or two students will present their solution to one of the homeworks to be handed in that week (i.e. one of the exercises on the homework sheet handed out last week) on the blackboard. Who will present next time (and which exercise) will be agreed with the exercise group tutor at the end of the exercise class. To get the bonus for the exam (see below) one will have to present a solution in this way sometime during the semester. The presentation should not take more than 15 minutes. The rest of the time the students will work on the exercises, preferably in small groups, and questions concerning the exercises or the lecture in general will be discussed.

The homework should be an individual effort, and handed in to the exercise group tutor the following week. We *strongly* recommend to try to solve the homework problems each week. To get the bonus for the exam (see below) one will have to get 50 percent of the attainable points for homework in the first half of the semester, and 50 percent of the attainable points for homework in the second half of the semester.

On the tutorials:

In the tutorials the students will receive another sheet with exercises, and one will discuss these as well as any other open questions concerning the lecture.

4   Exam

There will be a written examination (*Prüfungsleistung*) for Analysis II (enlg.) at the end of the term. More information will be given later.

Bonus system for exam: There is a bonus system for the exam, as follows: If the students get 50% of the number of attainable points for homework in the first half of the semester, and 50% of the number of attainable points for homework in the second half of the semester, and if they also present a good solution on the blackboard sometime during the semester, then they will get a *bonus* for the exam. Any student who obtains the bonus will get an improvement of 0.3 or 0.4 points of the grade in the exam, for example a 2.0 grade is turned to 1.7; a 1.7 grade is turned into a 1.3 and a 1.3 grade is turned into a 1.0. However, this improvement can not lead to anyone passing the exam who otherwise would not.

Important Notice. This information sheet contains information regarding the *teaching* of the course. It does not provide the complete list of all academic requirements a student has to meet in order to pass the course. *Please make sure that this course is suitable for the direction of your studies*, (for example the fact that the language is English is not a problem) and that *you meet all academic deadlines on time*, (for example you register on time for the final Exam). A failure to meet any of the previous conditions may result to all the work of the student being disregarded.