

Mathematical Analysis II MATH 4240

INSTRUCTOR: ANDRZEJ ROSLANOWSKI

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URL: <http://www.unomaha.edu/logic>
Schedule:

	MON	TUE	WED	THU	FRI
10:00–11:15		MATH3500 (DSC 109)		MATH3500 (DSC 109)	
11:15–12:00		OFFICE (DSC 235)		OFFICE (DSC 235)	
3:00–4:00	OFFICE (DSC 235)		OFFICE (DSC 235)		
4:00–5:15	MATH4240 (DSC 256)		MATH4240 (DSC 256)		
5:30–6:45	MATH4760 (DSC 109)		MATH4760 (DSC 109)		

Office hours by appointment also possible.

TEXTBOOK:

Walter Rudin. **Principles of Mathematical Analysis**. Third Edition. McGraw–Hill, Inc.

We will also use **Companion Notes** by Evelyn M. Silvia available at

<http://www.math.ucdavis.edu/~emsilvia/math127/math127.html>

ATTENDANCE, HOMEWORK AND CLASS PARTICIPATION:

Attendance is mandatory, and you are responsible for all assignments, activities and material covered every day. If you will be absent, you **must** notify the instructor prior to that day if arrangements are to be made to make up work or assignments.

Homework problems will be assigned regularly, however your solutions will not be collected/graded. Instead, I will post my solutions to selected problems at

<http://www.unomaha.edu/logic/teaching/4240/4240.html>

After solving the problems you should read my solutions and evaluate your work. If you have any questions, you should bring them in class and/or come to my office.

Each night it is your responsibility to do assigned problems and read ahead into the next section, trying a few of the easier problems in the new section ! I will also be expecting that you have a general, preliminary understanding of the topics in the new section.

TESTS:

- There will be 6 *quizzes* and 2 *tests* (midterms). The tests will consist of two parts: a take home test and an in-class test. The quizzes will be in-class.
- There will be also a comprehensive Final Exam.

CHEATING:

Any student caught cheating will receive an F for the course, and referral to the Dean of the College and/or Vice-Chancellor of Student Services for inclusion of the incident in your permanent records. This is regarded as a **very** serious matter.

GRADING:

- Quizzes will be worth 50 points each.
- Tests will be worth 100 points each.
- The Final Exam will be worth 200 points.

Therefore, the total number of available points is 700. Letter grades will be assigned on the following basis:

A: > 95%	A-: 90-95%	B+: 85-90%
B: 80-85%	B-: 75-80%	C+: 70-75%
C: 63-70%	C-: 55-63%	D+: 50-55%
D: 45-50%	D-: 40-45%	F: below 40%

IMPORTANT: When grading tests, I will give partial credits **only** if the main difficulty of a problem is solved **and** the presented part of the solution is written up in an appropriate way/form. The full credit will be given **only** for solution which are correct, complete and clearly explained. No partial credits will be awarded for inconclusive solutions and/or solutions with elementary mistakes and/or answers that are not written clearly and legibly.

In short: typically, for each problem you may get either full credit or no credit.

Accommodations are provided for students with verified disabilities. For more information contact Services for Students with disAbilities in EAB 117 or 554-2872, TTY 554-3799.