

Purdue University
MA375 Discrete Mathematics
Spring 2016
Syllabus

Instructor: Uli Walther
Office: 746 MATH
Phone: 49-41959
E-mail: walther@math.purdue.edu

1 General Information

1.1 Class time / location:

TTh 10:30-11:45pm, UNIV 217.

1.2 Office Hours:

Tue 2:00-3:00, Th 1:30-2:30 and by appointment.

1.3 Textbook:

Lecture notes in Discrete Mathematics
Uli Walther
Xerox BoilerCopyMaker, located in the PMU, Room 186.
We will probably cover all material in the book.

1.4 Webpage:

Under <http://www.math.purdue.edu/~walther/teach>, you find this syllabus as well as some other info concerning the course, including a link to our *Project Rhea* (see below).

1.5 Statement for Students with Disabilities

See the webpage, <http://www.math.purdue.edu/~walther/teach>.

1.6 Calculators

You may use calculators as you wish for homework. No calculators are allowed on tests. On the other hand, **numerical answers alone will get you no credit**. This class emphasizes understanding the process that leads to a solution, not the solution itself. Credit will be given for the explanation of the method (if correct) and how it is carried out.

2 Course Structure

If you disagree with the grading in any category, you need to resubmit the item in question **with a written explanation** stating *why* you deserve more credit.

2.1 Homework:

Due problems are listed on the webpage (Item 1.4).

Homework will be collected every Thursday in class or in my office no later than 3:00pm. **No late assignments will be accepted.** Neither will homework deposited anywhere else.

The homework due in any given week is the homework corresponding to the material of the previous week. For details, see the webpage. Homework must be readable and **must be stapled**. Illegible scribbles will receive no credit.

You are encouraged to attempt all the questions and discuss with your classmates. However, the write-up must be of your own.

- WORK MUST BE SHOWN TO EXPLAIN YOUR ANSWERS.
NO CREDIT WILL BE GIVEN FOR JUST THE NUMERICAL ANSWERS. THIS ALSO APPLIES TO EXAMS.

2.2 Project Rhea

Up to 3% extra credit is available through contributions to Rhea. Credit can be accumulated through listing mistakes in the lecture notes. See https://www.projectrhea.org/rhea/index.php/2016_Fall_MA_375_Walther for details.

2.3 Midterms:

There will be one midterm, **Thursday, Mar 10**. Makeup tests may be given in extraordinary instances, but only with documented reasons.

2.4 Final Exam:

The Final Exam will be given during the Final Exam Week.

Location and date of the final will be announced in class or on the course page.

2.5 Course Grade:

Your course grade will be determined using the following distributions:

Extra credit up to	3%
HW	40%
Midterm	30%
Final	30%

2.6 Classroom Safety

In the event of a major campus emergency, course requirements, deadlines and grading percentages are subject to changes that may be necessitated by a revised semester calendar or other circumstances beyond the instructor's control. Here are ways to get information about such events.

- Course and class web pages (see item 1.4)
- In particular, review the instructions on <http://www.math.purdue.edu/~walther/teach/emergency.pdf>.

2.7 Academic Honesty:

- In order to prevent cheating, we ask that you keep your eyes on your sheet at all times during exams. Looking around is forbidden.
- All electronic devices are forbidden during exams. This includes calculators, cell phones, PDAs, music players, and smart phones.
- Working on an exam either before or after the official time is considered cheating. The exam of any student who is caught writing after time is up or before the exam begins will receive a grade of zero, and this will be reported to the Assistant Dean of Students. The office of the dean of students may choose to apply further punishment.

2.8 Purdue Classroom Rules:

- Unless other arrangements have been made with the instructor, cell phones and other communication devices must be turned off and stowed away during class.
- Please respect your instructor, your TA, and your fellow classmates. Students who act in a disruptive or disrespectful manner (e.g., arriving late, texting, sending email, surfing the web, talking, etc.) may be asked to leave the classroom.
- All course material is copyrighted. Reproduction or storage in a retrieval system (e.g. the Internet) is prohibited without an explicit agreement with the author of the work. This includes course notes (including your own), homework questions, and exams.
- Taking pictures or making audio/video recording of the lectures is prohibited without the instructor's prior approval.