

Math 2513-001
MWF 11:30am
PHSC 117
Webpage: <http://www.math.ou.edu/~forester>

Max Forester
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Office Hours: Mondays and Wednesdays, 2:00–3:30 pm. If you need help outside of office hours, I'm always happy to schedule a meeting.

Course Information:

Book: The Art of Proof: Basic Training for Deeper Mathematics by Matthias Beck, Ross Geoghegan. The textbook can be checked out from the OU library electronically and downloaded from the publisher's website, at no cost. On that website, you also have the option of ordering a printed copy for \$25.

Syllabus: Chapters 1–6 (at least most sections of them) plus other material as time allows. See the course catalog for other anticipated topics.

Midterms: TBA.

Final Exam: Exam: Friday May 8, 2015, 1:30 pm – 3:30 pm

Grading: Homework/Quizzes = 20%, Presentations/Participation = 20%, Midterm I, II = 20% each, Final = 20%.

Homework/Quizzes, etc.:

- Selected homework will be assigned on a regular basis (usually weekly). I strongly recommend you do **all** the assigned problems. Mathematics is an art which is only mastered through lots of practice. You are welcome (and in fact encouraged) to work with others on homework problems, but the solutions you hand in should be entirely your own work. From time to time we may have quizzes. They will be announced ahead of time and will count in the homework/quizzes category
- This class will be based on the Inquiry Based Learning (IBL) format. As part of that, most class periods will involve you working alone or in groups and/or presenting prior results and giving feedback on other students' presentations. Your attendance and active participation in these activities will be accounted for in the Presentations/Participation category.
- More details on the format and grading of homework, in-class activities, presentations, etc. will be provided separately.

Important Notes:

- I have a firm policy of not accepting late work. This is especially true for quizzes and exams. If alternate arrangements need to be made, the work must be completed before the due date. The only exception to this policy is documented medical emergencies and the like. Any anticipated absences should be discussed with me as far in advance as possible.
- In all your work, neatness and clarity count. Part of mathematics is the ability to clearly communicate your solution to others. If the reader (e.g. myself, the grader, your fellow student) cannot read or understand your solution, you will invariably lose points. You should first work out the problem on scratch paper and then write out a final solution.
- In the end I do grades strictly by the numbers. That is, if you get 90%+ of the available points in class, you will get an A±. On rare occasions I make upward adjustments in individuals'

grades if there are exceptional circumstances. My decision for or against these adjustments is strongly affected by your daily participation in the classroom.

- Assignments will be announced in class and posted on the course web page. However it is always your responsibility to be aware of any and all announcements.
- Unless there are explicit instructions to the contrary, all homework, quizzes, presentations and exams will be entirely your own work and **not** using Outside Knowledge. Violation of any of these policies is an immediate and serious breach of the Academic Honesty policy of the University.
- The University of Oklahoma is committed to providing reasonable accommodations for all students with disabilities. If this may apply, please speak with me and with the Office of Disability Services in the Goddard Health Center.
- Similarly, the University of Oklahoma is committed to respecting and accommodating religious holidays, required military service, and other such commitments. Please let me know as soon as possible of necessary accommodations.
- Be aware of when you can withdraw from the course and what grade options you will have. During the relevant time period, you must be passing the course in order to receive a “W”.

Academic Honesty:

I consider academic honesty to be at the foundation of a University’s activities in education and research. Cheating is an attack on the efforts of myself and fellow students, and above all, on the cheater’s integrity. Those caught cheating will be dealt with to the full extent allowed under University policy.

Please refer to the University’s Academic Misconduct Policy (<http://www.ou.edu/provost/integrity>) for further details. Also see <http://www.ou.edu/provost/integrity-rights> for an explanation of your rights. Finally, students are bound by the OU Student Code (<http://www.ou.edu/studentcode>).