

Math 534A
Geometry and Topology
T, TH 9:30-10:45 AM, MATH 501
Fall 2018

- **Instructor:** Anton Izosimov
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- **Office Hours:** T 11-11:50AM, Th 12-12:50AM, and by appointment
- **Teaching Assistant:** TBA
- **Course homepage:** <http://math.arizona.edu/~izosimov/math534>
- **Textbook:** Introduction to Smooth Manifolds, by John M. Lee, published by Dover
- **Homework:** Homework will be assigned on a regular basis, usually every 1-2 weeks. It is worth 30% of your grade. You are encouraged to turn in typed homework, though it is not required. There are some resources for using LaTeX on the website.
- **Exams:** There will be an in-class exam (tentatively on the week of Oct 15, worth 30% of the grade) and a final (not take-home, worth 40%). Since you are preparing for a qualifying exam, these exams are very important, as they give you practice answering problems in a test setting.
- **Tentative coverage:** Chapters 1-7, 11, 12, and 14 of the textbook.