

Senior Project II is a three-credit required course for seniors completing their mathematics degree. The course is used to assess the students independent thinking skills and ability to write and present formal mathematics. Senior projects in mathematics are evaluated according to three criteria: mathematical content, exposition and effort.

Course Coordinator: The course coordinator is Metin Gürses. Aurelian Gheondea and Osman Yürekli will be helping him. If you have any questions or concerns please talk to any one of them.

Project Adviser: Each student will work individually with a faculty adviser on a project. In order to facilitate an efficient dialogue between the students and their project advisers, there will be no more than two students advised by each of our faculty members. During the semester, each student will set up a regular schedule of meetings with the project adviser, usually once per week. You are required to attend the each scheduled meeting every week.

Events Along the Way:

1. *Occasional Meetings with Course Coordinators.* Several times during the semester, there will be meetings with course coordinators on Fridays at 15:40 in Math Seminar Room. Each meeting will be announced one week in advance. The students are required to attend these meetings.

2. *Weekly Meetings with project advisers.* The student should schedule a regular meeting time with her/his project adviser, at least one hour per week, and the student is required to go the meeting.

3. *Project Talk.* After the 7th or 8th week of the semester, each mathematics senior presents her/his work as part of mathematics seminar on Fridays at 15:40 followed by a reception. Cookies and tea will be served. All senior project students are required to attend the presentations. The dates of these presentations will be arranged after consulting with faculty advisers and students. We are hoping that many of the students will be able to present before the final exams.

The presentation may not contain all the information that is in your final paper. The presentation must be pitched at a level that allows your peers to follow along. As presentation tools, you are free to use anything to get your ideas across. The common tools are white-board and overheads.

A very bad presentation: creating beautiful presentation materials and simply reading the slides.

A good presentation: a clear understanding of what you are going to talk about, being confident in your ability discuss the project with others, and spending the time at beginning to orient your audience about the topic and making sure that everyone gets excited about what you are going to say.

A good advise is to make your adviser and/or friends watch you practice and listen their suggestions.

4. *Handing in Drafts of the Final Paper.* The student should set up with the project adviser a schedule for handing in rough drafts. These drafts should be typed with LaTeX and need to be handed in enough ahead of the project due date so that the project adviser will have sufficient time to read the drafts and make comments.

5. *The Final Paper.* On the last day of the final exams the student must have two copies of the project ready, one to be handed in to the faculty adviser, and the other to be handed in to the course coordinator Metin Gürses.