

DRP Guidelines

1 Choosing a Topic

A good DRP topic is something that is not covered in a typical undergraduate class. A topic should be chosen by the student with guidance from the mentor. Students have an idea of what they are interested in, and mentors have an idea of what might be feasible to learn in a semester.

2 Expectations

2.1 For students

Students are expected to meet with their mentors once per week for about an hour. Between meetings they should spend 4-5 hours on DRP related work. At the end of the semester they are expected to give a 15 minute talk.

2.2 For mentors

Mentors are expected to meet with their students once per week for about an hour. Mentors should let the organizers know about any issues that arise. Such issues might include a student not working or deciding to leave the program. Mentors are required to attend the talks at the end of the semester.

3 Talks

At the end of the semester, each student will give a 15 minute talk about something they learned during the semester. The talk does not need to (indeed they should not) cover everything the student learned during the semester. It is okay to pick one thing, such as the proof of some theorem or a worked example.

One of the goals of DRP is for students to get practice communicating mathematics, so the talks are just as important as the math that they learn. Students are encouraged to give practice talks to their mentors.

The talks will be held the evening of Monday, November 23, 2015. Dinner will be provided.

4 Books

Up to \$50 will be reimbursed for the purchase of a book for the student. Mentors should purchase books, and then send the receipts to drp@math.utexas.edu. All reimbursements will be processed at the end of the semester.

5 Questions and Concerns

All questions and concerns should be addressed to drp@math.utexas.edu.