CS/Math-4860 Course Mechanics for Fall 2018

This short document describes the workload and grading.

Homework, exams, grading, reading, lectures

1. Homework: There will be approximately ten short homework assignments that I will grade.

2. Project: Students in consultation with me will pick a topic to study in depth. They will write a research paper on the topic and give a 20 minute talk on it to the class.

3. Exams: There will be no exams, but students will be expected to participate in class discussions.

4. Reading: There will be regular posted lecture notes that students should study and reference, and we will study the book *First-Order Logic* by Smullyan [1]. We will cover only chapters I to III and IV to V. You can download a free copy from the Cornell library.

5. We might read another short book on intuitionism by Mark van Atten entitled *On Brouwer* [2]. Many of the topics will be covered in lecture.

6. Course web page: Please check the course web page often, at least once a week. The lecture notes and various readings will be posted there.

References

[1] R. M. Smullyan. *First–Order Logic*. Springer-Verlag, New York, 1968.

[2] Mark van Atten. *On Brouwer*. Wadsworth Philosophers Series. Thompson/Wadsworth, Toronto, Canada, 2004.