Math 5026 Computability Theory
Fall 2020
Reed Solomon

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Office Hours: Monday 10:00-11:15 and Wednesday 12:15-1:15 in MONT 435.

Grading: There will be 5 or 6 homework assignments throughout the semester. There are no exams for this course.

Homework: I encourage you to work together and to discuss the homework assignments, but each student must write their own solutions. There is a broad array of students in this course, so for some of the assignments, I may give different problems to certain groups of students in order to emphasize different aspects of the material.

Textbook: The textbook for this course is *Turing Computability: Theory and Applications* by Robert I. Soare, published by Springer. You should be able to get an electronic copy of this book through the UConn library. Soare has an older book, called *Recursively Enumerable Sets and Degrees: A Study of Computable Functions and Computably Generated Sets*. If you happen to have a copy of this book, you can also use it as a textbook. Almost all of the topics we will cover are in both books. I prefer the older book because it is more concise, but since it is not available electronically through the library, we will use the newer book.

Office Hours: My regular office hours are listed above. However, I am around campus almost every day and you should feel free to stop by my office any time to ask questions. If I am not around, or if you want to make sure I will be in my office when you stop by, please send me an email and we will set up a time to meet.

Academic Integrity: Instances of academic dishonesty are taken very seriously at UConn. Please read www.community.uconn.edu/student_code_appendixa.html. If you ever have a question about whether certain behavior constitutes academic dishonesty, you should ask!