Reading. Read Chapter 9: “Turing Machines” and Chapter 10: “Other Models of Turing machines.” There are several pre-recorded lectures pertaining to this assignment. They can be found following the links on the grid of notes, or on Canvas under “Panoto Recording.”

Tutorial/Office Hours For help in doing the homework, please join one of the Wednesday Google Meet sessions. You may join at 2pm, 2:30, 3pm, or 3:30 EST on Wed, 24 June 2020. We hold the assessments on Friday as usual. The link is on Canvas.

Assignment. Do some small number of the following exercises.

- Section 9.1: Problems 1, 2, 3, 4, 5, 6, 7, 8abcdefgh
- Section 10.1: Problems 1, 2, 3a, 4, 5, 6
- Section 10.2: Problems 1abcdef
- Section 10.3: Problems 2abcdef
- Section 10.4: Problems 1, 2
- Section 10.5: Problems 1abcdefgh

Submission. Write up the solutions. You may use pen and paper, plain text, or \LaTeX. A single clear PDF document is preferred and that seems what most students are producing, so that is working out well. (Make sure scans of handwriting come out with enough contrast.) Submit it on Canvas by the end of the day Thu, 2 July 2020. (Actually anytime before 8am EST Friday is OK, but no later.)

Questions. If you have questions about how to do the problems attend one of Google Meet sessions on Wed, 1 July 2020. You are welcome to send me e-mail: ryan@fit.edu.

Assessment. Ask questions on Wednesday (or my e-mail). Be prepared with answers on Friday.

In small groups on-line, you will present an occasional solution Ultimately the written proofs, your choice of exercises, and your participation in answering and asking questions, will determine your course grade.