INF 270 is mainly based on the book

Robert J. Vanderbei: Linear Programming. Foundations and Extensions. Springer, New York, 2014 (Fourth edition)

Preliminary syllabus:

Chapters 1–7, 8.1–8.4, 14, 17, 18 plus all exercises and compulsory exercises.

You need a "pass" grade for each compulsory assignment in order to be allowed to take the final exam.