

Homework #1: Due online by the start of class on Friday, September 4

Please read Sections 1.1, 1.2, and 1.3 in the text (you can skim Section 1.1, but read Sections 1.2 and 1.3 carefully). Then please do, and hand in, the following exercises from Section 1.3.

- **Part 3: A Measles Epidemic** (pages 23–24): Exercises 14–20.
- **Part 4: Other Diseases** (page 24): Exercises 21ab, 22.
- **Part 6: The basic reproduction number and herd immunity** (pages 29–30): Exercises 30, 32.

In completing this and *any* homework assignment, please adhere to the “Guidelines for written assignments” under the “ADDITIONAL IMPORTANT COURSE INFORMATION” banner on our course page: – write in complete sentences, etc. Failure to do so **will** affect your course grade!!

General note on all homework. When you are assigned any exercises from a *part* of an exercise set (for example, **Part 3, A Measles Epidemic**, in the Section 1.3 Exercises), make sure to read *carefully* all the information that appears at the beginning of that “part,” before the exercises themselves. This information will apply to all exercises in the “part”!!