

Chapter, Section, and Exercise numbers in these assignments refer to the text for this course, *A Logical Approach to Discrete Math*, David Gries and Fred B. Schneider, Springer-Verlag, 1994, ISBN 0-387-94115-0. Exercise numbers have no parentheses, as in “Do Exercises 1.1, 1.2, 1.3.” Theorem numbers have parentheses, as in “Prove (3.12) Double negation.”

1. Read lightly Chapter 0.
2. Study Sections 1.1, 1.2.
3. Do Exercises 1.1, 1.2, 1.3.

**Submission requirements**

All homework must be submitted electronically as a single `.pdf` file to the Assignments page on the Canvas website for this course.

There are several ways to create the `.pdf` file. You may write your solutions on a mobile device like an iPad, which will create the `.pdf` file directly. Or, you may write your solutions on paper then scan your written work into a `.pdf` document. **IMPORTANT:** If you do your work on paper you **MUST** use pencil and eraser. Pens are not allowed.

Multiple files for a single assignment are not permitted. If your work fills more than one page, you must not hand in a separate file for each page. Instead, they must be combined into a single multi-page `.pdf` file. You must not simply photograph your paper. If you do not have access to a scanner, use a scanner app that has the capability of scanning directly into a multi-page `.pdf` document.

Do all your work on a single column. Do not use a second column in the middle of the page. The grader needs the space in the middle of the page to comment on your solutions. The grader will return your work with pdf markup in the Courses Drop Box.