

Mr. Gorman's Chapter Learning Guide

Reading a textbook is not like reading a novel or a newspaper. It must be reviewed and thought about as you read it, and again after you read it. Complete this learning guide for the entire chapter or unit. **Notes of each type go together**, even though they might come from different sections. Attach extra pages if necessary.

a. List chapter number and chapter title.

b. Knowing the technical terms and how many there are is critical to your academic success.

Generate a numbered list of boldface terms. Write them down and define each.

c. Knowing applicable equations and what they are used for is critical to your academic success.

Generate a numbered list of equations and constants in the section. Define all variables and constants used in each equation including the units used. Record any restrictions on use of the equation.

d. Knowing the key points of each section is critical to reading comprehension.

List each sub-topic (red in the text) along with each sub-topic heading (bold in the text). Under the appropriate heading make a bulleted list of the key point(s) – usually just one or two. (Find the key point of each paragraph and select the most important ones.) These should each be full sentences, and each should stand alone.

e. Diagrams, pictures, figures, graphs are often found in the margins and will help you understand the reading.
Record the figure number and describe the concept or process that the “graphic aide” help you understand.

f. What did you not understand?

Generate a numbered list of things that you did not understand about the reading. List either questions you’d like to ask in class, or things that seemed vague.

g. Connecting the dots

From the information you have collected about this unit, construct a concept map to show your understanding of the concepts.