I Remember:

A Read the Book
1 All Examples
2 All Definitions (Look for Boldface).

B STATS VOCABULARY of FORMULAS & EQUATIONS.
1 ACTIVE = YOU MUST KNOW.
2 PASSIVE = If I give you the FORMULA/EQUATION, you must be able to use it:
   a Apply it to the right situation.
   b Execute it correctly.

II §3.4: p. 128: What are Some Cautions in Analyzing Associations?

A Extrapolation is Dangerous.
   i Def.: Extrapolation, Forecast.

B Be Cautious of Influential Outliers.
   i Def.: Regression Outliers, Influential Observation. Nonresistant

C Correlation does not Imply Causation
   i Def.: Lurking Variable

2 Association does not imply causation
3 Simpson’s Paradox.

D How can Lurking Variables Affect Associations? (p. 146)
   i Def.: Common Cause, Multiple Causes, Time Trend

E Confounding = Difference Between Lurking & Confounding?
We also worked Course Compass HW for 3.3 # 5, 6, and 7.