

## CSIT 315 Fa 14 - Suggested Study Guide to Test #2

You may use the following as a guide to help you focus as you prepare for the Test #2. This just provides a general guide as to the areas from which questions may be chosen. Questions will be based on **the lecture notes and the readings from the relevant sections in your text**

1. UML:
  - Use cases
  - correctly interpret a given UML class diagram.
  - Given a textual description, produce a UML class diagram or instance diagram
2. **Relationships:**
  - **Links, Associations, etc**
    1. benefits and appropriate use of each, UML depiction of each
  - Correctly interpret association and multiplicity notations in a UML diagram, correctly apply association and multiplicity labels to a UML diagram
3. **Class Representation:** class components, examples
4. Types of classes, and their roles in an object-oriented paradigm
5. **Class Types:** definition, creation, utility, dynamic etc, benefits in an object-oriented paradigm
6. Scenarios, workflows – definitions, criterion, utility. Appropriate use of each
7. **Sequence diagram** – utility. Given a textual description, produce a sequence diagram, and/or given a sequence diagram, correctly interpret it.
8. Architecture views: types, benefits

**Note:** The test will consist of **multiple choice and/or short answers questions** requiring you to identify, define, explain, draw, or state/describe ‘concepts’ associated with software engineering.