CS360 Study Guide for Test 1
Tuesday, September 12, 2017
The first test is taken primarily from Sections 1 thru 3 of Valacich as presented in Slide sets Unit 00-Unit 03 and the OO Ontology presented in the video tutorial and Ontology slide set.

**SDLC Terms / modeling**

**object-oriented modeling**

Be prepared to define and explain the tools for managing abstraction:

- **object** - (identity, encapsulation)
- **attribute**
- **data** - (remembrance)
  - static
  - data attribute variable
  - dynamic
  - data attribute value
- **behavioral**
  - static
  - service
  - dynamic
  - method (operation)
- **class** - (instance, membership OF)
- **relationships**
- **structural**
  - inheritance - (override, parent class/child class, class hierarchy)
- **behavioral**
  - association - (composition, membership IN)
  - message passing - (sender, receiver, message, parameters)
  - polymorphism - (binding)

The test will consist of a combination of any or all of the following: matching of terms and definitions, true / false questions, multiple-choice and short essays. Sixty minutes will be allotted for the test.

Les Waguespack, Ph.D.