

CPE 102 – Exam 2 Study Guide

This list is not necessarily exhaustive. Just because it isn't on the list doesn't mean it won't be on the midterm.

Inheritance / polymorphism

- Parent / child classes
- Extending a class
- Calling constructors
- Accessing parent instance variables
- Overriding / overloading methods
- Abstract class/method

Exceptions

- Catching Exceptions
- Throwing Exceptions
- Writing Exception classes
- The difference between checked and unchecked exceptions
- How to deal with checked exceptions
- Catch them
- Declare that they are thrown

Lists

- Link-based vs. Array-based lists
- Reading/Understanding link-list code
- Sorting List, adding, removing from List, copying a List
- Linear Search
- Generic List
- 2D Array
- Wrapping

Package

Static Import

Understand all codes (and be able to read/write similar code) that you have written for Labs and Projects.

Understand all codes (and be able to read/write similar code) that have been handed out and/or discussed in class.