

EECS3311 Fall 2017

Guide to Lab Test 1 (Wednesday October 11)

CHEN-WEI WANG

1 Rules

- You must show up for your registered session only.
- Bring a piece of photo ID.
- No mobile phone usage is allowed during the test.
- No data sheet will be allowed.
- The slide on Eiffel Syntax will be available to you.

2 Coverage

- Lecture Notes (refer to lecture recordings if necessary)
- Tutorial Videos:
 - Entire series of “Use of Eiffel Studio for DbC and TDD”
 - “A Book of Any vs. A Generic Book”
- Sample Codes
- Lab 1 (speak to me in person if you need to check your solution)
- Writing tests (normal, expected precondition violation, and expected postcondition violation)
- Slides:
 - DbC-and-TDD
 - Classes-and-Objects
 - Singleton Pattern (no iterator pattern)
 - BON diagram (e.g., singleton pattern)
 - Complete Contracts

3 Format

- Coding (both implementation and contracts) in EStudio
 - Familiarize yourself particularly with arrays, link-lists, and **across**.
- Concepts (written answers required)