

EECS3311 Fall 2017

Guide to Lab Test 2 (Wednesday November 1)

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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:
 - “ Generic Parameters and the Iterator Pattern ”
 - “ Information Hiding and the Iterator Pattern ”
- Sample Codes
- Lab 3 (speak to me in person if you need to check your solution)
- Writing tests (normal, expected precondition violation, and expected postcondition violation)
- Slides:
 - Iterator Pattern (no singleton pattern)
 - Inheritance (until slide 48, i.e., no “Inheritance and Contracts”)
Make sure you are familiar with the syntax for using `create` and `cast`.
 - Notes on Static Types, Casts, and Dynamic TTypes
 - BON diagram (e.g., iterator pattern)
 - Generics

3 Format

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