

## **ECE 322 Lab Information**

Fall semester 2019

Lab Schedule Time 2-4:50 pm, Tuesdays, Room ETLC E5-005

There are six assignments in this lab component, dates for lab sessions are listed below.

**Lab 1: Black-Box testing #1- September 17<sup>th</sup>**

**Lab 2: Black-Box testing #2- October 1<sup>th</sup>**

**Lab 3: Black-Box testing #3- October 15<sup>th</sup>**

**Lab 4: Unit and Pairwise Testing- October 29<sup>th</sup>**

**Lab 5: Integration Testing- November 19<sup>th</sup>**

**Lab 6: Regression and Mutation testing- Dec 3<sup>th</sup>**

All lab reports and code submissions are due the Tuesday one week after the lab session by 5pm. All lab reports must be submitted via EClass with source code attached. No late assignments accepted. In general, any file you create or modify needs to be included in your submission, submitted code will be run, and failures will be noted. Note that this means you **MUST** submit your source code for all labs in which source code is written in its original format (java file or js file).

### **Preparation and Report**

**Preparation:** Components listed as “preparation” exercises must be completed before the end of the lab session (4:50 pm). Preparation components are marked on completion, failure to present a completed prelab before 4:50 pm on the day of the lab will result in a grade reduction on your lab report. Prelabs do not need to be completed before the start of the lab. The purpose of these components is to ensure students understand the lab, and are present for each lab session.

**Report:** One written report must be submitted for each lab session. Reports should include an introduction, and a section for each task performed in the lab. Each section should include a description of the problem and the methodology being used, a set of test cases (with results), and a discussion regarding the task performed. The discussion should include comments on the effectiveness of the testing method, the identification and explanation of any errors found in the application, and any comments you have. Any code written as part of a lab assignment should be submitted. Further directions for questions to answer in your analysis and other components for the report are specified in each individual lab document.

### **Academic integrity and plagiarism**

The University of Alberta is committed to the highest standards of academic integrity and honesty. Any academic dishonesty including plagiarism and cheating will be dealt with in accordance with the code of student behavior as outlined in section 30.3.2.