Cal State University, San Bernardino
CSE 313 – 02 – Machine Organization

LAB SYLLABUS

(Addendum to the class syllabus)

Fall 2018

Student Learning Outcomes: The objective of the laboratory is to provide the students with the skills necessary to solve problems by designing, coding, debugging, and testing assembly language programs using the LC-3 language.

Instructor: Professor Taline Georgiou

Email: **tgeorgio@csusb.edu**. Please include **CSE 313** in the subject for filtering purposes.

Office: JB 538

Phone: 909-537-5411

Office Hours: Before and after class, and by appointment.

Meeting place and times: **Lab:** 10:00 AM - 11:50 PM M, JB 360.

Learning Management System: http://blackboard.csusb.edu.

Prerequisites: CSE 202. To receive credit for this course, you must also be registered in the lecture part of it.

Lab Manual: *LC-3 Assembly Language: A Manual*, by George M. Georgiou and Brian Strader, 2005. It will be available online for free.

Grading: The lab grade makes 25% of the grade of the course. The grade for each lab will be based on 80% for correct results, 15% for comments, and 5% for technique. If the program does not assemble (compile), it will receive a grade of 0%.

General Information: All programs should follow this header template, adjusted accordingly:

```
;Class:CSE 313 Machine Organization Lab
;Section: 02
;Instructor: Taline Georgiou
;Term: (Fall or Winter or Spring 201X)
;Name(s): Student A and Student B
;Lab#1: ALU Operations (i.e the title)
;Description:(No less than two paragraphs. Describe what the
;program does,its legal inputs,outputs,side effects,how
;to run it,etc.)
```

The description should be detailed enough so that someone by reading it should be able to tell what the program does and how to use it. If a program does not adhere to this header, up to 15% of its grade will be deducted.

Students may work in groups of two.

Lab assignments are specified within the Lab Manual.

What to turn in: In general, electronic copies of the source code and screenshots that show the results will be required for each lab. The requirements are specified at the end of each lab assignment in the Lab Manual. Instructions of how to turn in the files via Blackboard will be provided. You should be ready to demonstrate the previous lab at the beginning of the session.

Academic honesty: Please refer to the section with the same name in the class syllabus.

Labs from the Lab Manual will be assigned on the Blackboard.