

**ECE 3741: Instrumentation and Electronics Laboratory**  
**GTL - Spring 2023 Syllabus**

**Instructors : Dr. Suresh Sundaram**

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**Office Hours:**

TBA or Walk-ins, or by appointment

**Prerequisites:**

ECE 3710 (can be taken concurrently in GTL)

**Course Websites:**

<http://canvas.gatech.edu> (Links to an external site.)

**Required Materials:**

ECE 3741 Chip Set (Provided by GTL)

USB flash drive

**Attendance Policy:**

Attendance is mandatory.

Any unexcused absence will result in a grade of zero for both the laboratory report for that experiment and the laboratory quiz for that week.

Lab quizzes are administered during the first 10 minutes of the lab period. Students who arrive after the quiz is given will receive a grade of zero.

**Grade Policy:**

- 35% - Lab Reports
- 30% - Lab Quizzes
- 35% - Lab Exam

Letter grade assignments will be made by the instructor.

**Lab Reports:**

Lab procedures can be found on Canvas. No formal laboratory reports are required. At the end of each laboratory experiment, the questions and/or plots and tables of data taken in the lab for that experiment are to be turned in to the lab instructor. Each student should submit a lab report. The work must be submitted by the beginning of the next lab period.

**Lab Quizzes:**

The lab quizzes are 10-minute timed quizzes and are held at the beginning of the laboratory. The quizzes may cover material from both the current experiment and the previous experiment, so read the lab procedure before coming to class. Quizzes are open book, but must be completed individually.

**Lab Exam:**

The laboratory exam is a 1.5 hour comprehensive exam covering all of the experiments and will be completed individually on the specified day in lab.

**Tentative schedule for the entire semester will be announced during the first week of the class.**