

ECE 460L – Introduction to Communications Lab  
Course Syllabus  
Fall 2019

Note: This syllabus is for the lab portion of the course only.

Instructor: James Flynn  
Office: In JD1536  
Office Hours: During class or by appointment  
Email: james.flynn@csun.edu  
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Corequisite: ECE 460

**Textbook:** Lathi, B.P., "Modern Digital and Analog Communication Systems," Fourth Edition, Oxford Press.

**Lab Manual:** [www.csun.edu/ece](http://www.csun.edu/ece)

Grading: 10 Lab Reports on a ten point system. Two points for spelling, grammar, and eight points for the report content. Lab reports are due one week following the performance of the experiment in the lab. Late reports will not be accepted.

One of the goals of this class is to improve students' written and verbal skills. Students are encouraged to meet with the instructor during his office hour to review their lab reports before or after submission.

Students will work in teams on most labs. However, some labs will be performed as a team, but each student will be required to turn his/her own lab report. These experiments will be announced at least one week in advance.

**Each student's grade will be based upon his/her own work. Any student found cheating on any graded material (whether in class or take home) will not be considered to have met the basic requirements of this course and thus will receive the grade of F. Cheating will also result in the appropriate disciplinary action being taken. +/- grading will be used. Properly cite and credit any and all sources for text and/or graphics used in the report.**

Exams: No exams will be given in this lab.

No student will be allowed to drop this course after close of business, September 16, 2016.

Relationship to Electrical and Computer Engineering Program Outcomes: This course supports the achievement of the following outcomes:

- (a) An ability to apply knowledge of mathematics, science, and engineering to the analysis of electrical and electronic engineering problems
- (c) An ability to design systems which include hardware and/or software components.
- (e) An ability to identify, formulate and solve engineering problems.
- (i) A recognition of the need for and an ability to engage in life-long learning
- (k) An ability to use modern engineering techniques for analysis and design
- (m) An ability to analyze and design complex devices and systems containing hardware and software components.
- (n) A knowledge of advanced mathematics related to electrical engineering, including differential equations, linear algebra, complex variables, and discrete math.