

ECEN 474/704 Lab Syllabus (Spring 2018)

TA Contact Info

Ashkan Roshan Zamir

Office 315A WERC

Email: ashkanroshan@tamu.edu

Office hours: Tuesday 4 pm to 6 pm

Lab Hours

501,601: W 10:20 am-1:10 pm

502,602: W 1:50 pm-4:40 pm

700: Distance Education : TBA

Class Website:

<http://www.ece.tamu.edu/~spalermo/ecen474.html>

Lab Schedule (Subject to change)

Lab #	Subject	Date/Duration
1	Introduction to Cadence & MOS Device Characterization	1/31 – 2/7 (1 week)
2	Layout Design	2/7 – 2/14 (1 week)
3	Advanced Layout Techniques	2/14 – 2/21 (1 week)
4	Current Mirrors	2/21 – 2/28 (1 week)
5	Frequency Response of Inverting Amplifiers	2/28 – 3/21 (2 weeks + Spring Break)
6	Differential Pairs	3/21 – 3/28 (1 week)
7	Operational Transconductance Amplifiers	3/28 – 4/4 (1 week)
8	Two-Stage Miller Operational Amplifier	4/4 – 4/18 (2 weeks)

Attendance:

Regular class attendance is obligatory. Lab starts on time. Repeated tardiness will be accrued as absence and will affect your participation grade.

Make-ups

Make-ups are difficult to schedule. The TA will not authorize a make-up unless it is fully justified. In rare situations, a make-up will be arranged by your TAs. Because of the heavy lab schedule of the class, as well as the fact that your TA has his/her own schedule of classes to attend a make-up may have to take place at a time inconvenient for the student. In no case are you allowed more than one make-up. After you have received approval to make-up a lab from the instructor, work with you TAs to schedule the make-up.

Grading Criteria

No late work is accepted.

Prelab (30%, Doesn't have to be typed),

Postlab report(50%, should be typed with experiment results, layout, schematic, etc.),

Participation and attitudes (20%, Quiz, This includes safety measure in the lab, as well as absence and tardiness)

Intellectual Integrity

Do NOT copy other 's write-up or let others copy yours.

An Aggie does not lie, cheat, or steal or tolerate those who do.

Honor Council Rules and Procedures: <http://www.tamu.edu/aggiehonor>

Americans with Disabilities Act (ADA) Policy Statement:

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Department of Student Life, Services for Students with Disabilities, in Room 126 of the Koldus Building or call 845-1637.

No drink, No food in the Lab.