ECE 325  
Spring 2015 Lab Policy

Section 500: W 08:00 AM - 10:50 AM (CVLB 423, Noah)  
Section 501: M 08:00 AM - 10:50 AM (CVLB 423, Gihoon)  
Section 502: T 02:20 PM - 05:10 PM (CVLB 423, Noah)  
Section 503: T 05:30 PM - 08:20 PM (CVLB 423, Gihoon)  
Section 504: M 03:00 PM - 05:50 PM (CVLB 423, Gihoon)  

Recitation: W 03:00 PM – 04:00 PM (ETB 1034, Noah)  
- Attendance is MANDATORY. There will be pop-quizzes at random times

TA: Noah Hae-woong Yang  
Office: WERC 015F  
Office Hours: T 10AM – 12PM  
Email: hwyang@tamu.edu

TA: Gihoon Choo  
Office: WERC 235H  
Office Hours: F 1-3PM  
Email: jujjh0127@tamu.edu

Grading:  
Pre-labs 40%  
- One report per person  
- Due at the beginning of the lab  
- No late pre-labs will be accepted without a valid excuse (24 hrs in advance)  

Lab Reports 60%  
- One report per group/person  
- Due at the beginning of the following lab session, 30% penalty for one day late and after that no credit

Policies  
- Pre-labs may be hand written but they need to be legible and understandable.  
- Pre-labs must be:  
  ➢ Clean sheet of paper (do not use paper that has been previously used for printing unrelated text)  
  ➢ Clear handwriting (consider typing the text part of your pre-labs)  
  ➢ Follow the same components labeling as in the lab manual  
  ➢ Numbered equations  
  ➢ Boxed final results  
- Reports must be TYPED, please do not cut-and-paste from the lab manual. Make sure all plots/schematics have LIGHT background by inverting color if necessary.  
- Plots/Pictures need to have captions, axis names, and annotations if needed.  
- No food or drink in the lab.
## ECEN 325 Lab Schedule, Spring 2015

**Location:** CVLB 423  
**TA:** Gihoon Choo ([juijb0127@tamu.edu](mailto:juijb0127@tamu.edu))  
**Office Hours:** Friday 1-3PM

<table>
<thead>
<tr>
<th>Lab No.</th>
<th>Lab Time</th>
<th>Report Due</th>
<th>Topic</th>
</tr>
</thead>
</table>
| 1 | Feb 9 M (08:00AM-10:50AM)  
Feb 9 M (03:00PM-05:50PM)  
Feb 10 T (05:30PM-08:20PM) | Beginning of next lab | Network Analysis and Bode plots |
| 2 | Feb 9 M (08:00AM-10:50AM)  
Feb 9 M (03:00PM-05:50PM)  
Feb 10 T (05:30PM-08:20PM) | Beginning of next lab | Introduction to NI Elvis Environment |
| 3 | Feb 16 M (08:00AM-10:50AM)  
Feb 16 M (03:00PM-05:50PM)  
Feb 17 T (05:30PM-08:20PM) | Beginning of next lab | Operational Amplifiers-Part I |
| 4 | Feb 23 M (08:00AM-10:50AM)  
Feb 23 M (03:00PM-05:50PM)  
Feb 24 T (05:30PM-08:20PM) | Beginning of next lab | Operational Amplifiers-Part II |
| 5 | Mar 2 M (08:00AM-10:50AM)  
Mar 2 M (03:00PM-05:50PM)  
Mar 3 T (05:30PM-08:20PM) | Beginning of next lab | Operational Amplifiers-Part III |
| 6 | Mar 9 M (08:00AM-10:50AM)  
Mar 9 M (03:00PM-05:50PM)  
Mar 10 T (05:30PM-08:20PM) | Beginning of next lab | Introduction to Diodes |
| 7 | Mar 23 M (08:00AM-10:50AM)  
Mar 23 M (03:00PM-05:50PM)  
Mar 24 T (05:30PM-08:20PM) | Beginning of next lab | Characterization of the BJT |
| 8 | Mar 30 M (08:00AM-10:50AM)  
Mar 30 M (03:00PM-05:50PM)  
Mar 31 T (05:30PM-08:20PM) | Beginning of next lab | BJT Amplifiers: Basic configurations |
| 9 | Apr 6 M (08:00AM-10:50AM)  
Apr 6 M (03:00PM-05:50PM)  
Apr 7 T (05:30PM-08:20PM) | Beginning of next lab | BJT amplifiers: Design project |
| 10 | Apr 13 M (08:00AM-10:50AM)  
Apr 13 M (03:00PM-05:50PM)  
Apr 14 T (05:30PM-08:20PM) | Beginning of next lab | Characterization of the MOS transistor |
| 11 | Apr 20 M (08:00AM-10:50AM)  
Apr 20 M (03:00PM-05:50PM)  
Apr 21 T (05:30PM-08:20PM) | Apr 27  
Apr 28 | CMOS amplifier configurations |

**Final Design Project**  
Project Report due: TBA
### ECEN 325 Lab Schedule, Spring 2015

**Location:** CVLB 423  
**TA:** Noah Hae-woong Yang (hwang@tamu.edu)  
**Office Hours:** Tuesday 10AM-12PM

<table>
<thead>
<tr>
<th>Lab No.</th>
<th>Lab Time</th>
<th>Report Due</th>
<th>Topic</th>
</tr>
</thead>
</table>
| 1       | Feb 10 T (08:00AM-10:50AM)  
          | Feb 10 T (03:00PM-05:50PM)  
          | Feb 11 W (05:30PM-08:20PM) | Beginning of next lab  
          | Network Analysis and Bode plots |
| 2       | Feb 10 T (08:00AM-10:50AM)  
          | Feb 10 T (03:00PM-05:50PM)  
          | Feb 11 W (05:30PM-08:20PM) | Beginning of next lab  
          | Introduction to NI Elvis Environment |
| 3       | Feb 17 T (08:00AM-10:50AM)  
          | Feb 17 T (03:00PM-05:50PM)  
          | Feb 18 W (05:30PM-08:20PM) | Beginning of next lab  
          | Operational Amplifiers-Part I |
| 4       | Feb 24 T (08:00AM-10:50AM)  
          | Feb 24 T (03:00PM-05:50PM)  
          | Feb 25 W (05:30PM-08:20PM) | Beginning of next lab  
          | Operational Amplifiers-Part II |
| 5       | Mar 3 T (08:00AM-10:50AM)  
          | Mar 3 T (03:00PM-05:50PM)  
          | Mar 4 W (05:30PM-08:20PM) | Beginning of next lab  
          | Operational Amplifiers-Part III |
| 6       | Mar 10 T (08:00AM-10:50AM)  
          | Mar 10 T (03:00PM-05:50PM)  
          | Mar 11 W (05:30PM-08:20PM) | Beginning of next lab  
          | Introduction to Diodes |
| 7       | Mar 24 T (08:00AM-10:50AM)  
          | Mar 24 T (03:00PM-05:50PM)  
          | Mar 25 W (05:30PM-08:20PM) | Beginning of next lab  
          | Characterization of the BJT |
| 8       | Mar 31 T (08:00AM-10:50AM)  
          | Mar 31 T (03:00PM-05:50PM)  
          | Apr 1 W (05:30PM-08:20PM) | Beginning of next lab  
          | BJT Amplifiers: Basic configurations |
| 9       | Apr 7 T (08:00AM-10:50AM)  
          | Apr 7 T (03:00PM-05:50PM)  
          | Apr 8 W (05:30PM-08:20PM) | Beginning of next lab  
          | BJT amplifiers: Design project |
| 10      | Apr 14 T (08:00AM-10:50AM)  
          | Apr 14 T (03:00PM-05:50PM)  
          | Apr 15 W (05:30PM-08:20PM) | Beginning of next lab  
          | Characterization of the MOS transistor |
| 11      | Apr 21 T (08:00AM-10:50AM)  
          | Apr 21 T (03:00PM-05:50PM)  
          | Apr 22 W (05:30PM-08:20PM) | Apr 28  
          | CMOS amplifier configurations |
| Final Design Project | Project Report due: TBA |