This is the organizational page for the Physics Introductory Labs PHY 124 for Spring 2016.

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Teaching Assistants

Scope
The scope of the introductory labs is to give an understanding of basic experimental methods applied in physical sciences. The experiments performed during the lab sessions are closely related to the topics covered in the lecture.

Overview
You will perform each week an experiment as indicated in the Calendar section. You have 1 hr 50 min time to perform each experiment. This time includes finalizing your report for the session that you will have to submit to your teaching assistant at the end of the session.
Your performance in the lab session will be evaluated by your teaching assistant. The evaluation is based on an interview that will be conducted in form of a quiz at the beginning of the session and your performance during the experiment that includes a final report to be submitted at the end of the session. Each week before your lab you should complete a lab preparation exercise (Maple T.A.) that you will find on the Blackboard area for your PHY 124-L## lab section under Assignments. The assignment will typically go “live” Thursday (around 1:15 pm) of the week before the lab for which it is the pretest. Note that the assignment will be available to you until the end of M_F classes (Friday, May 05 at 11:59 PM). The lab preparation exercise will not be graded per se. Please familiarize yourself with Maple T.A. syntax. Note: this page will guide you to the PHY123 Maple T.A. page, however, the Maple T.A. syntax is the same. The interview will determine how well you are prepared for that particular experiment which is very important for the successful accomplishment of the experiment. The interview will count 20% toward your grade on the particular lab experiment.

Your performance/report will count 80% toward your grade on the particular lab experiment.

You are required to perform each lab experiment by yourself, mostly together with a lab partner. If you need to be absent for a lab experiment you will have to provide written documentation for a significant reason to be absent, e.g., a medical note from your doctor, a written document about jury duty, and similar. You will then have that opportunity to make up the lab experiment in the dedicated make-up week. You have to arrange with your teaching assistant for a make-up session. If you are absent for a non-excusable reason your lab grade for that particular experiment will be Zero (0) points!

Calendar

The first lab sessions will take place in the week starting from Monday, January 25.

For grading policy and methods please refer to:

The sequence of Labs in PHY 124 is the following:

Lab 0: January 25 - 28 Introduction to the laboratory and Uncertainty, Error & Graphs

Lab 1: February 01 - 04, 2016 The Oscilloscope

Lab 2: February 08 - 11, 2016 The Electric Field

Lab 3: February 15 - 18, 2016

Midterm Exam week, NO LAB: February 22 - 25, 2016 Make-up labs 1 - 3.
Lab 4: February 29 - March 03, 2016

Lab 5: March 07 - 10, 2016

Spring Break, **NO LAB**: March 14 - 18, 2016

Lab 6: March 21 - 24, 2016

Lab 7: March 28 - 31, 2016

Midterm Exam week, **NO LAB**: April 04 - 07, 2016 **Make-up labs 4 - 7.**

Lab 8: April 11 - 14, 2016

Lab 9: April 18 - 21, 2016

Lab 10: April 25 - 28, 2016

Last week of classes, **NO NEW LABS**: May 02 - 06, 2016 **Make-up labs 8 - 10.**

LABORATORY SCHEDULE & TEACHING ASSISTANTS:

Please read the following list carefully: some times might not be in order with lab sections!

<table>
<thead>
<tr>
<th>Lab Sec.</th>
<th>When</th>
<th>Where</th>
<th>Teaching Assistant</th>
</tr>
</thead>
<tbody>
<tr>
<td>L01</td>
<td>Mo 12:00PM - 1:50PM</td>
<td>PHYSICS A120</td>
<td>Julio Moreno Virrueta</td>
</tr>
<tr>
<td>L02</td>
<td>Mo 12:00PM - 1:50PM</td>
<td>PHYSICS A118</td>
<td>Dongwon Han</td>
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<td>L03</td>
<td>Mo 2:30PM - 4:20PM</td>
<td>PHYSICS A120</td>
<td>Yanzhu Chen</td>
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<td>Mo 2:30PM - 4:20PM</td>
<td>PHYSICS A118</td>
<td>Julio Moreno Virrueta</td>
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<td>Mo 4:30PM - 6:20PM</td>
<td>PHYSICS A120</td>
<td>Joonhyuk Kwon</td>
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<tr>
<td>L06</td>
<td>Mo 4:30PM - 6:20PM</td>
<td>PHYSICS A118</td>
<td>Jun-Sik Yoo</td>
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<tr>
<td>L07</td>
<td>Tu 6:00PM - 7:50PM</td>
<td>PHYSICS A120</td>
<td>Michael Cochran</td>
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<td>L08</td>
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<td>Behrad Taghavizanjani</td>
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<td>PHYSICS A120</td>
<td>Behrad Taghavizanjani</td>
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<td>Irina Petrushina</td>
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<td>Yanzhu Chen</td>
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<td>Jun-Sik Yoo</td>
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<td>Joonhyuk Kwon</td>
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<td>PHYSICS A120</td>
<td>Michael Cochran</td>
</tr>
<tr>
<td>L16</td>
<td>Th 1:00PM - 2:50PM</td>
<td>PHYSICS A118</td>
<td>Irina Petrushina</td>
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</tbody>
</table>

Reporting Problems

Please report any problem to either, your corresponding lab instructor or Professor Dehmelt.

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