

Hi Analyt 2 Lab students!

**The course homepage is here:**

<https://www.geneseo.edu/~pogo/Analyt2Labs/Phys126Lab.htm>

You can get a syllabus, schedule, etc. there. Bookmark it!

You won't ever use BrightSpace for anything.

As you can see on the schedule, our first meeting is this coming Tuesday, January 23, 2024!

You have to bring your computer, a pencil, a calculator, any assignments, your logbook, and your lab manual every week.

**Computers**

Part of the process of storing electronic documents is that you need to be in control of your own documents. Although some people allow their computer to decide everything for them, you are training to be a scientist rather than a peasant laborer. At the most primitive level, this means that you will create and manage at least one properly-named folder for this course. It may contain subfolders. It may not have the word "downloads" associated with it. You must be able to locate this folder quickly on your own computer. Whether you create a document on your own, or download something from the course home page, it all goes there! Similarly, files from other courses or topics may never be found in this folder.

**Logbooks**

You need a quad-ruled logbook. You may continue to use your notebook from Analyt 1 Lab, if you used less than half of it last semester. Also, you need a 3-ring binder to store your manual...

**Lab Manual**

The lab manual will be distributed to you for free in stages each week. Generally, on week "n", you'll get the manual for week  $n+1$ . You must put it into a 3-ring binder. You will lose points weekly whenever your manual is not in a 3-ring binder. On the first day of lab, you will be given paper pages of the manual for the first two weeks. So that you can get started earlier than that, here are the first 17 pages of the manual in pdf format:

<https://www.geneseo.edu/~pogo/Analyt2Labs/phys126manual01.pdf>

**Current Grade Status?**

Occasionally, I will post letter grades for the course so far, at this site:

<https://www.geneseo.edu/~pogo/Analyt2Labs/Phys126GradeStatus.htm>

By default, you are not included in these results. If you want to be included, fill out this form:

<https://forms.gle/FfNU6ZfVWS19yxEN8>

**Paper Submission of Work: Quizzes**

Each week when you arrive in lab, you must submit the "pre-lab" quiz for that week. Submissions will be on paper. There will be some grace for late submissions for week 1, but in general, you must complete the "quiz" before arriving in class. Even though I'm calling it a "quiz", they are open notes, and are really more like a pre-lab assignment. You should expect to be able to answer every quiz question by reading the lab manual for that week. Most quizzes will involve computation using equations from the lab manual.

### **Paper Submission of Work: Worksheets**

Each week when you arrive in lab, you must submit a worksheet from the previous week's lab. Submissions will be on paper. Obviously, there is no submission required during the first week!

### **Paper Submission of Work: Abstracts**

You will write five abstracts this semester. Abstracts will be submitted on paper along with the accompanying worksheet, as discussed above. You can see which labs require abstracts on the syllabus or the course home page. Note that an abstract will be due on week 2 for lab 1!

### **Electronic Preparation of Work for submission: Logbooks**

Each week when you arrive in lab, you must have already submitted an electronic copy of your logbook pages to accompany your worksheet from the previous lab. Obviously, there is no submission on the first day of lab! You must create a multi-page pdf documents containing all the relevant logbook pages. You may use the free "camscanner" app to create these pdf's. You don't need the "premium" version. Dr. Marcus has created some help videos to get you started on this process.

For iphones: <https://www.youtube.com/watch?v=zjrBuNPpJp0>

For android phones: <https://www.youtube.com/watch?v=-GYOLRkpttE>

### **Electronic Preparation of Work for submission: Excel Documents**

You are expected to use Excel each week, running on your laptop. You may not use the online version of Excel. There's no way you'll get credit for anything if you use Google "Sheets" or other weakened off-brand products.

To show some of the power of Excel, I've already created your first Excel workbook for you.

Download it here: [https://www.geneseo.edu/~pogo/Analyt2Labs/01-Strings\(YourName\).xlsx](https://www.geneseo.edu/~pogo/Analyt2Labs/01-Strings(YourName).xlsx)

Be sure to change the filename (what to change should be obvious) before working with it!

In this document, you just enter stuff into green cells. Note that there are two tabs at the bottom of the workbook, representing different parts of the lab work.

### **Google Submissions**

Your scanned logbooks and Excel documents will be submitted in a Google drive created for you. Go to this folder, and then to the subfolder with your name. Drag your Excel and logbook files directly in! Here's where they go:

[https://drive.google.com/drive/folders/11IA1Sa5RUZrMnSujO1NTCjtX-\\_dtVypH?usp=sharing](https://drive.google.com/drive/folders/11IA1Sa5RUZrMnSujO1NTCjtX-_dtVypH?usp=sharing)

Here's an example of me using it:

<https://www.geneseo.edu/~pogo/Analyt2Labs/GoogleSubmissions.mp4>

### **Office Hours**

Office hours times are listed at the tippy top of the syllabus. Here's a graphical summary:

<https://www.geneseo.edu/~pogo/Schedule/Schedule.htm>

Office hours will use Discord, and my office hours time will be shared across all my classes using this "server": <https://discord.gg/GjkWREU>. Office hours are primarily audio, and operate on a "first-come, first served" basis. However, each student may only ask one question in turns whenever other students are waiting patiently.

Here are some instructions to set up Discord: <https://www.geneseo.edu/~pogo/Discord.pdf>

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