

Hi Analyt 2 Lab students!

The course homepage is here:

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

You can get a syllabus, full schedule, etc. there. Bookmark it in your browser right now!

You won't ever use BrightSpace for anything.

As you can see on the schedule, our first meeting is Monday, January 26, 2026.

You have to bring your laptop, a pencil, any assignments that are due, your logbook, and your lab manual in a 3-ring binder 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. If you want to get started earlier than that, here are the first 17 pages of the manual in pdf format:

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

Current Grade Status?

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

<https://tildesites.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.

So, you already have a quiz due on Monday, January 26, 2026:

<https://tildesites.geneseo.edu/~pogo/Analyt2Labs/Quiz01.pdf>

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 four 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! See Page 1 of this checklist so that you can pre-grade your own abstract before submitting it:

<https://tildesites.geneseo.edu/~pogo/Analyt2Labs/GradingGuides.pdf>

In-person submission of Logbooks

Logbooks are intended to be maintained in lab, *while you are actually doing the work*. After graduation, "backfilling" logbooks to make them neater or more complete is evidence of deliberate fraud, which will result in various penalties, including fines, jail, and/or termination from your job.

At unannounced times during the semester, I will grade your logbook "so far" in a 3 minute interview. The interview will consist of questions like "show me your plot from lab 5", or "show me the contact info for your lab partner from lab 3", or "show me your raw data from lab 6", and so on. See page 2 of this same checklist so that you can be sure you are including all the relevant info each week: <https://tildesites.geneseo.edu/~pogo/Analyt2Labs/GradingGuides.pdf>

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://tildesites.geneseo.edu/~pogo/Analyt2Labs/01-Strings\(YourName\).xlsx](https://tildesites.geneseo.edu/~pogo/Analyt2Labs/01-Strings(YourName).xlsx) After downloading it, be sure to change the filename (what to change should be obvious) before working with it!

In this document, you just enter data into green cells. Note that there are two tabs at the bottom of the workbook, representing different parts of the lab work. In the future, you are expected to bring pre-made Excel documents like this one before even coming to lab.

Google Excel Submissions

Your Excel documents will be submitted in a Google drive created for you. To submit your file each week, go to this link: <https://forms.gle/cdE429dBywNLhV3r5>

The directions are fairly self-explanatory.

Office Hours

Office hours times are listed at the tippy top of the syllabus. Here's a graphical summary of the times: <https://tildesites.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 and use Discord professionally rather than for gaming:

<https://tildesites.geneseo.edu/~pogo/Discord.pdf>

-Pogo