

Lab 0: Intro to Python - Preliminary Survey

This class has no prerequisites, but the lab component does require some knowledge of programming. We don't assume that any student taking this class will have any coding experience, so we will be offering workshops in Python basics. This survey is meant for us, the instructors, to see what you, the students, already know or don't know so that we can make these workshops as useful to you as possible!

Don't forget to copy the code at the end of the survey for Canvas credit :-)

* Required

1. Have you taken a dedicated programming class before? *

Mark only one oval.

- ☐ Yes, so many classes [CS student option]
- ☐ Yes, one or two dedicated classes
- ☐ No, but I've taught myself programming for another course
- ☐ No, but I've taught myself for fun/profit
- ☐ No, and I haven't learned to code from another class

2. How would you rate your programming proficiency? *

Mark only one oval.

	1	2	3	4	5	
I have never programmed before in my life.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	I am an expert, a master of code.

3. What programming languages are you comfortable with, if any?

Check all that apply.

- ☐ Python
- ☐ MATLAB
- ☐ R
- ☐ Java
- ☐ C/C++
- ☐ Racket

Other: ☐ _____

4. For each of these programming concepts/terms, please rank your familiarity. *

Mark only one oval per row.

	Unfamiliar: Haven't heard of it	Sounds familiar: Have heard of it, not sure what it is	Somewhat familiar: Know what it means, not sure about implementation	Familiar: Know what it means and how to use it in at least one language
Variable	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Data Type	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Method	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Conditional Statement (if/then /else)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Function	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Loop	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Array	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Object	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Library	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

5. How important do you think programming skills are and will be to your personal success as a student/scientist/engineer? *

Mark only one oval.

	1	2	3	4	5	
Completely irrelevant, waste of time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Essential, could not get anywhere without them

6. What is your primary Major?

Mark only one oval.

- ☐ Actuarial Mathematics
- ☐ Aerospace Engineering
- ☐ Applied Physics
- ☐ Architectural Engineering
- ☐ Biochemistry
- ☐ Bioinformatics & Computational Biology
- ☐ Biology & Biotechnology
- ☐ Biomedical Engineering
- ☐ Business
- ☐ Chemical Engineering
- ☐ Chemistry
- ☐ Civil Engineering
- ☐ Computer Science
- ☐ Data Science
- ☐ Economics
- ☐ Electrical & Computer Engineering
- ☐ Environmental & Sustainability Studies
- ☐ Environmental Engineering
- ☐ Humanities & Arts
- ☐ Industrial Engineering
- ☐ Interactive Media & Game Development
- ☐ International & Global Studies
- ☐ Management Engineering
- ☐ Management Information Systems
- ☐ Mathematical Sciences
- ☐ Mechanical Engineering
- ☐ Physics
- ☐ Psychology
- ☐ Robotics Engineering
- ☐ Society, Technology & Policy

7. Is there anything else you would like the lab or Python instructor(s) to know?

This content is neither created nor endorsed by Google.

Google Forms