

Lab -1: Python Experience Survey

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
- ☐ Materials Science and Engineering
- ☐ Mathematical Sciences
- ☐ Mechanical Engineering
- ☐ Physics
- ☐ Psychology
- ☐ Robotics Engineering
- ☐ Society, Technology & Policy

7. Did the Python resources provided (workshops, slides, links) adequately prepare you for the programming components of the labs? *

Mark only one oval.

☐ Yes

☐ No

8. If so, what aspects of the Python training were especially helpful? If not, what could we do better to support you? *

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

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