

Pre/Post Survey

Background, Demographic, and Disability Information

* indicates a required question

1. *XXX University email address:
2. *Select the course in which you are taking this survey. If you are enrolled in multiple courses listed here, only select the one in which you are attending at this date and time.

☐ xxx
☐ xxx
☐ xxx
3. *What is your year at XXX University? Provide your year as it corresponds to your expected graduation date, not according to credit hours.

☐ First-year
☐ Sophomore
☐ Junior
☐ Senior
4. *What is your major (or planned major) at XXX?

☐ Major #1 _____
☐ Major #2 (if applicable) _____
☐ Undecided
5. What is your minor (or planned minor) at XXX (if applicable)?

☐ Minor #1 _____
☐ Minor #2 (if applicable) _____
☐ Additional minors (if applicable) _____
☐ Undecided
6. What is your prior experience in computer science (check all that apply)?

☐ Major coursework
☐ Minor coursework
☐ High School coursework
☐ Personal study
☐ Internship or work experience
☐ Research experience
☐ None

If you feel comfortable doing so, please provide the following demographic information.

7. How do you identify? Check all that apply.

- ☐ African American/Black
- ☐ Asian
- ☐ Hispanic/Latino
- ☐ Native American/Alaska Native
- ☐ Pacific Islander or Native Hawaiian
- ☐ White/Caucasian
- ☐ Not Listed _____
- ☐ Prefer not to respond

8. How do you identify? Check all that apply.

- ☐ Female
- ☐ Male
- ☐ Transgender
- ☐ Non-Binary
- ☐ Not listed _____
- ☐ Prefer not to respond

If you feel comfortable doing so, please provide the following information about cognitive conditions and other disabilities.

9. Do you live with a diagnosed cognitive condition?

- ☐ Yes
- ☐ No
- ☐ Other _____
- ☐ Prefer not to respond

10. Do you have a diagnosed disability?

- ☐ Yes
- ☐ No
- ☐ Other _____
- ☐ Prefer not to respond

11. Is there anything else you would like to share about your identity and/or disabilities with the researchers conducting this study?

Belonging and Inclusion Pre-Survey Questions

How strongly do you agree or disagree with the following statements:

[illegible]

20. I feel comfortable interacting with computer science majors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. I feel comfortable interacting with computer science professionals.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. I have the potential to succeed in a computer science class.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23. I expect to make important contributions in my computer science class or classes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24. I have the potential to make important contributions in the field of computer science in the future.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25. I consider myself a "computer science person."	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26. I have what it takes to become a computer science professional.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27. I tend to do better than the average student in STEM subjects.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

28. What, if anything, makes you feel included or excluded in your computer science or STEM courses?

The following questions apply to XXX's Computer Science department as a whole:

29. Do you have ideas for how we can make our computer science courses and department spaces in which diverse groups can find a sense of belonging?

30. Is there anything we are already doing well?

31. What do you think we should add, remove, or enhance?

32. Do you have any other comments on your experiences studying computer science at Elon?

33. Do you have any other comments on or questions about this research project?

Belonging and Inclusion Post-Survey Questions

Post-Survey includes questions 1-28 of the Pre-Survey, and the following:

The following questions are **specific to this course**. As you answer, consider your experiences in the class, with other students, and with your instructor during the semester.

How strongly do you agree or disagree with the following statements:

[illegible]

44. I felt like I belonged in this course.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
45. My contributions were valued in this course.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
46. I felt connected to other students in this course.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
47. I met with students outside of class to study.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
48. I have developed personal relationships with other students in this course.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

49. What, if anything, made you feel included or excluded in this class?

Approximately 8 minutes or less to complete survey using calculation here (shorter for pre-survey):

<http://question-science.blogspot.com/2012/07/how-to-calculate-length-of-survey.html>

Data and calculation here:  SurveyTimeCalculation