

Introductory Computer Science Participant Survey

F08-Pre-R

Thank you for participating in this study. Your individual responses will be kept confidential and WILL NOT affect your grade in this course. Please fill in each oval completely and be as honest and accurate as possible.

Demographic Information

1. What is your gender?

- Female Male

2. What is your major?

3. What is your ethnicity?

- Asian, not from Indian subcontinent
 Asian, from Indian subcontinent
 Caucasian
 African American
 Hispanic
 Other or mixed

4. What year are you?

- 1st (undergraduate)
 2nd (undergraduate)
 3rd (undergraduate)
 4th or more (undergraduate)
 Graduate

5. How many *semesters* of computer programming courses did you complete in high school?

- 0 2
 1 3 or more

6. How many *years* of math courses did you complete in high school?

- 0 3
 1 4
 2 5 or more

7. How many *years* of science courses did you complete in high school?

- 0 3
 1 4
 2 5 or more

8. Did you participate in an extracurricular program outside of high school that included programming or Computer Science concepts such as at a science camp?

- Yes No

9. What was your high school GPA (on a 4.0 scale)?

- 0.0 - 2.5 3.51-3.99
 2.51 - 3.0 4.0
 3.01 - 3.5 Prefer not to reply /
don't remember / N/A

10. What did you score on the math SAT section?

- 200 - 450 651-750
 451 - 550 751 - 800
 551 - 650 Prefer not to reply /
don't remember / N/A

11. What grade do you expect in this class?

- A
 B
 C
 D
 F

12. Have you written a computer program (of any size) before?

- Yes No

13. Which programming languages have you used before this class (fill in all that apply)?

- None Scheme
 Java Python
 C/C++ Visual Basic
 Other: _____

14. Rate your prior overall programming experience.

- No experience
 Beginner
 Intermediate
 Advanced

15. What type of computer / OS are you using?

16. Have you programmed a robot before?

- Yes No

Attitudes: Please use the scale below to rate the following statements.

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
20. Compared to students in this class, I feel I know a lot about computers.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
21. I am confident in my problem solving ability.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
22. I am confident in my ability to persist until a solution is found.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
23. I am confident in my ability to meet unexpected challenges with success.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
24. I enjoy being challenged by seemingly unsolvable situations or problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
25. I am confident in my math ability.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
26. I am confident in my science reasoning ability.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
27. I seek help in class before I become very frustrated.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
28. I am not afraid to ask for help.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
29. Computer Science and programming are the same thing.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
30. I took this course to see what computer science is all about.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
31. Other students in class know more about computers than I do.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
32. I dislike situations or problems that are seemingly unsolvable.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
33. I like technology.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
34. I regularly try out new experiences and products.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Open Ended Questions:

40. What do you hope to get out of this class?

41. What does computer science mean to you?

42. What factors influenced your decision to take this class?

43. Did you know that this class would use robots before you registered? Yes No
If yes, did this influence your decision to take the class (either positively or negatively)?