

## Prior Experience Survey

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Welcome to CS103! We hope that this will be an exciting and interesting quarter that will give you the skills necessary to tackle the interesting mathematical questions that arise in computer science.

Everyone arrives this course with a different prior knowledge and experience. In order to make this class as enjoyable as possible, we'd like to hear what you've seen before and what you feel comfortable with. Please take a minute to fill this out and turn it in at the end of class. We will use these answers to better tailor the course to you.

Thanks!

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**Name:** \_\_\_\_\_

**SUNetID:** \_\_\_\_\_

**How comfortable are you working with the following topics? Please provide a number between 1 and 5, where 1 means "I've never heard of this before" and 5 means "I'm extremely comfortable working with this topic."**

Sets	_____	Propositional Logic	_____
Diagonalization	_____	First-Order Logic	_____
Direct Proofs	_____	Finite Automata	_____
Indirect Proofs	_____	Regular Expressions	_____
Mathematical Induction	_____	Context-Free Grammars	_____
Graphs	_____	Pushdown Automata	_____
Relations	_____	Turing Machines	_____
Cardinality	_____	The Halting Problem	_____
Pigeonhole Principle	_____	<b>P and NP</b>	_____
Number Theory	_____	<b>NP-Completeness</b>	_____

*(Continued on the back...)*

**Which of these courses have you taken/are you taking?**

	<b>Currently Taking</b>	<b>Already Taken</b>
CS106A	___	___
CS106B/X	___	___
CS107	___	___
CS109	___	___
CS161	___	___
PHIL 150	___	___
PHIL 151	___	___
MATH 51	___	___
MATH 51H	___	___

**Is there anything in particular that you're looking forward to in this course?**

**Is there anything in particular that you're not looking forward to in this course?**

**Is there anything that you specifically want to get out of this course?**