Student Survey

How effective was the class environment in helping you to learn computer science? (Level 1)

Not at all effective
Slightly effective
Moderately effective
Very effective
Extremely effective

How confident are you that you'll be able to use what you've learned in future classes? (Level 1)

Not at all confident
Slightly confident
Moderately confident
Very confident
Extremely confident

How likely are you to recommend this course to a friend? (Level 1)

Extremely unlikely
Somewhat unlikely
Neither likely or unlikely
Somewhat likely
Extremely likely

How likely are you to continue learning computer science? (Level 2)

Extremely unlikely
Somewhat unlikely
Neither likely or unlikely
Somewhat likely
Extremely likely

Motivation items (one of the following based on random assignment; Level 2)

All scales measured using the following Likert scale:

Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree
1	2	3	4	5

Self-efficacy scale (Adapted from Pintrich, 1991, p. 13)

1. I believe I will receive an excellent grade in this course.

2. I'm certain I can understand the more difficult computer science concepts presented in this course.

3. I'm confident I can understand the basic concepts taught in this course.

4. I'm confident I can understand the most complex concepts presented in this course.

5. I'm confident I can do an excellent job solving the problems presented in this course.

6. I expect to do well in this course.

7. I'm certain I can master the skills being taught in this course.

8. Considering the difficulty of the concepts, the problems, the teacher, and my skills, I think I will do well in this course.

Value scale (Adapted from Pintrich, 1991, p. 11)

1. I think I will be able to use what I learn about computer science in other courses.

2. It is important for me to learn computer science concepts.

3. I am very interested in computer science.

4. I think computer science concepts are useful for me to learn.

5. I like the subject matter of computer science.

6. Understanding computer science concepts is very important to me.

Skepticism about the relevance for future success scale (Adapted from Midgley et al., 2000, p. 28)

1. Even if I understand computer science, it will not help me have the kind of life I want when I grow up.

2. My chances of succeeding later in life don't depend on learning computer science principles.

3. Doing well in computer science doesn't improve my chances of having a good life when I grow up.

4. Getting good grades in this course won't guarantee that I will get a good job when I grow up.

5. Even if I am successful in computer science, it won't help me fulfill my dreams.

6. Doing well in computer science won't help me have a satisfying career when I grow up.