

# DAPPIC - Two Week Survey

Welcome to the two-week survey for your course. This survey will ask you questions about a course that you are currently taking. **The person who sent you the survey should have provided you with a survey code. Please select this code in the next page.**

This survey is being administered by your institution to help them better understand your experience in their courses. This survey was developed by the Data Alliance on Persistence and Perception in Computing (DAPPIC), which is an NSF BPC Alliance led by Northeastern University's Center for Inclusive Computing (CIC) and CRA's Center for Evaluating the Research Pipeline (CERP).

Your responses are completely anonymous. The data is collected by CERP and will only be shared with your institution as an aggregate report.

Except for the questions asking you to specify the survey code and the institution you are attending, all questions are voluntary. You may skip any question you do not wish to answer and/or leave the survey at any time.

If you have any questions regarding this survey, please contact [cerp@cra.org](mailto:cerp@cra.org).

Your responses will benefit your institution greatly and help them improve your experience in your degree program.

This survey should take no more than 5-10 minutes of your time to complete. **Please click "Next" to start the survey.**

## Institution and Survey Code

Please select the institution from which you received this survey.

▼ [dropdown list of institutions]

Please select the survey code provided to you when you received this survey invitation.

▼ [dropdown list of survey codes]

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## Definition of Computing

Throughout this survey, we will use the terms "computing" and "computing-related".

"Computing" or "computing-related" includes the fields below and other similar fields:

- Computer Science
- Computer Engineering
- Software Engineering
- Electrical and Computer Engineering
- Systems Engineering
- Computer Hardware Engineering
- Computing Information Systems
- Information Systems, Information Science
- Informatics, Bioinformatics
- Cybersecurity
- Data Science/Data Analytics
- Machine Learning
- Robotics
- High Performance Computing
- Human-Computer Interaction
- Computational Science/Social Science
- Computational Biology
- Computational Economics
- Computational Mathematics
- Any other computing & technology field

## Major/Minor Status

Are you a computing major or pre-major?

- Yes
- No

Are you computing minor?

- Yes
- No

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## Experience in the Course

**While answering the questions in this survey, please consider the course from which you received this survey.**

Why did you enroll in this computing course? Choose up to 3 responses.

- It was required for my major/minor
- It fulfilled a university/college requirement
- Curiosity or interest in computing/course material
- My family encouraged me to
- A teacher or other mentor encouraged me to
- It helped build my computing skills for my other interests

Have you previously enrolled in this course?

- No, this is my first time enrolling in this course
- Yes, I previously enrolled in this course but withdrew/dropped prior to the end of the term
- Yes, I previously enrolled in this course but did not earn a passing grade

*[If Have you previously enrolled in this course? = Yes, I previously enrolled in this course but withdrew/dropped prior to the end of the term]*

How far into the term did you decide to drop this course?

- Within the first two weeks
- Between week two and the midterm (or about halfway through the term)
- After the midterm (or about halfway through the term)
- Near the end of the term

*[If How far into the term did you decide to drop this course? = After the midterm (or about halfway through the term)*

*Or How far into the term did you decide to drop this course? = Near the end of the term]*

What was your grade at the time of dropping the course?

- A-B
- B-C
- C or less
- Not passing

*[If Have you previously enrolled in this course? = Yes, I previously enrolled in this course but withdrew/dropped prior to the end of the term]*

Why did you drop/withdraw from this course? Choose up to 3 responses.

- I did not like the course
- I did not know where or how to get help
- It didn't meet my expectations
- It was too challenging
- It was not challenging enough
- I'm no longer interested in computer science.
- It was no longer a requirement for my degree
- I didn't enjoy the teachings style of my professor
- I felt unwelcome by other students in the course
- The TA/tutor did not make me feel welcome in the course
- The instructor did not make me feel welcome
- I had a scheduling conflict
- Other, please specify: \_\_\_\_\_

## Prior Activities

Which of the following experiences did you have prior to enrolling in this course? Select all that apply.

- Took AP Computer Science A
- Took AP Computer Science Principles
- Took AP Computer Science AB
- Took dual enrollment courses in computer science
- Learned a computer programming language
- Engaged in software or hardware related projects
- Took part in student groups related to computing
- Completed an online course(s) related to computing (e.g. MOOC)
- Attended workshop or other training in computing (e.g., through your local library, community center, etc.)
- None of the above

## Sense of Belonging

Please indicate the extent to which you disagree or agree with the following statements:  
(Strongly disagree, Somewhat disagree, Neither agree nor disagree, Somewhat agree, Strongly agree)

- I see myself as a “computing person.”
- I feel like I “belong” in computing.
- I feel like an outsider in computing.
- Computing is a big part of who I am.
- I feel welcomed in computing.
- I do not have much in common with the other students in my computing classes.

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## Self-Efficacy

Please indicate the extent to which you disagree or agree with the following statements:  
(Strongly disagree, Somewhat disagree, Neither agree nor disagree, Somewhat agree, Strongly agree)

- I am confident I can find a group of people to study with in this course.
- I am confident I can pass my computing course.
- I am confident I can learn the foundations and concepts of computing.

## Interaction with Instructors, TAs, and Classmates

Please indicate the extent to which you disagree or agree with the following statements:  
(Strongly disagree, Somewhat disagree, Neither agree nor disagree, Somewhat agree, Strongly agree)

- I feel comfortable reaching out to/meeting with teaching assistants.
- I feel comfortable reaching out to my instructor for help regarding this course.
- I feel comfortable reaching out to my instructor for help NOT regarding this course.
- I feel comfortable working with my classmates on required group assignments.
- I feel comfortable reaching out to my classmates for help regarding this course.

## Demographics

What is your gender identity?

- Man
- Woman
- Gender-queer/gender non-conforming/non-binary
- Agender
- Something else

Are you transgender?

- Yes
- No

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What is your ethnicity? Select all that apply.

- Not of Hispanic, Latinx, or Spanish origin
- Cuban
- Mexican, Mexican American, Chicanx
- Puerto Rican
- Another Hispanic, Latinx, or Spanish origin

What is your race? Select all that apply.

- African American/African/Black
- Native American/Alaska Native
- Indigenous or First Nations
- Native Hawaiian/Pacific Islander
- Arab/Middle Eastern
- Caucasian/European/White
- East Asian (e.g., Chinese, Japanese, Korean)
- Southeast Asian (e.g., Cambodian, Vietnamese, Hmong, Filipino)
- South Asian (e.g., Indian, Pakistani, Nepalese, Sri Lankan)
- Other Asian
- Something else

What type of disability do you have? Please check all that apply.

- I do not have a disability
- Attention deficit
- Auditory disability
- Autism spectrum disorder
- Blind or visually impaired (does not include near/far sightedness)
- Health-related disability
- Learning disability
- Mental health disability
- Mobility or orthopedic disability
- Speech or language disorder
- Something else

What is your citizenship status?

- U.S. citizen or permanent resident (includes dual-citizenship)
- Non-U.S. citizen with temporary visa
- Other non-U.S. citizen

What is the highest level of education attained by any of your parent(s)/guardians?

- Less than high school
- High school graduate or G.E.D.
- Some college (no degree earned)
- Associate degree
- Bachelor's degree
- Master's degree
- Doctoral degree
- I don't know

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Do any of your parent(s)/guardian(s) currently have, or have held, a career related to the following fields:

- Computer science/Information Technology
- Engineering
- Mathematics
- Any other STEM field
  
- Yes
- No
- I don't know

Growing up, what do you think your family's socioeconomic status was?

- Poor
- Below average/Lower middle class
- Average/Middle class
- Above average/Upper middle class
- Wealthy
- I don't know