



Address varied preparation/prior experience

Students entering your computing program will likely have varied levels of preparation and prior computing experience. Despite—or even because of—varying levels of preparation, they will bring valuable diversity in perspectives, skills, and learning needs with them. Thoughtfully recognizing and addressing these differences will support success for all students, enhance overall student outcomes, and strengthen your program’s learning community.

How each program addresses this challenge will depend on the program’s size, structure, resources, and their overall institutional context, **but examples include:**

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1. Providing summer bridge programs for accepted students.

 2. Separating courses for students with different experience levels (e.g., a true introductory or CS-0 computing course for novices).

 3. Separating sections of the CS-1 course based on experience level.

 4. Offering a spatial visualization or MediaComp course.

 5. Providing supplemental instruction or tutoring.
