Resources

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Have efforts to diversify CS "failed?"

No. There is evidence to the contrary.
NCWIT provides free, high-quality, research-based resources
NCWIT resources can help you:

- Inform others about the importance of CS
- Inform others about the need for diversity in CS
- Recruit and retain diverse students in your CS classes
- Find engaging and inclusive class materials

www.ncwit.org
NCWIT Resources

• ncwit.org/resources
NCWIT Resources for Community Colleges

• [https://www.ncwit.org/resources/ncwit-resources-community-colleges](https://www.ncwit.org/resources/ncwit-resources-community-colleges)

Community College Pathway to IT and Computing Careers


A Lucrative, Secure Computing Career: Community College Can Take You There

• [https://www.ncwit.org/resources/lucrative-secure-computing-career-community-college-can-take-you-there](https://www.ncwit.org/resources/lucrative-secure-computing-career-community-college-can-take-you-there)

Retention Resources

Quick
• [https://www.ncwit.org/resources/customcatalog/cco-retention-quick](https://www.ncwit.org/resources/customcatalog/cco-retention-quick)

In-depth
• [https://www.ncwit.org/resources/customcatalog/cco-retention-deep-read](https://www.ncwit.org/resources/customcatalog/cco-retention-deep-read)
• https://www.engage-csedu.org/

• An online collection of CS course materials to help recruit & retain diverse students in your courses.

• Browse & search 1000s of materials peer-reviewed for their use of research-based engagement practices.
Course Materials include:

- Projects
- Homework Assignments
- Tutorials
- Labs
- Assessments
- Lecture Notes
- Exercises
Search for materials by:

Course Level
  CS1, CS2

Material Type
  Assessment, assignment, lecture slides, lab, etc…

Programming Language
  C, C#, C++, Java, JavaScript, Python, etc…

Engagement Practices
  Meaningful and relevant context,
  Address misconceptions about CS,
  Effective encouragement, etc…
CS Teaching Tips

• [csteachingtips.org](http://csteachingtips.org)

• Twitter [@CSTeachingTips](http://twitter.com/CSTeachingTips)

Some examples of teaching tips related to student retention:

• Pair Programming for retention of female students
  [http://csteachingtips.org/tip/have-students-pair-program-increase-their-interactions-one-another-which-can-promote-retention](http://csteachingtips.org/tip/have-students-pair-program-increase-their-interactions-one-another-which-can-promote-retention)

• Develop a mentoring program with these key features
  [http://csteachingtips.org/tip/develop-student-mentoring-program-these-unique-features-assist-students-your-class-course](http://csteachingtips.org/tip/develop-student-mentoring-program-these-unique-features-assist-students-your-class-course)