



Implement student-centered teaching practices

Student-centered teaching practices prioritize learners' needs, experiences, and active engagement, making the classroom a space where all students can thrive. By empowering students to take ownership of their learning, these approaches foster deeper understanding, critical thinking, and a stronger sense of belonging in the learning community. For a framework specifically designed to meaningfully engage students, see the [NCWIT Engagement Practices Framework](#).

Evidence-based practices for student-centered teaching include:

1. Project-based assignments that allow students to choose options aligned with their interests.
 2. Content, examples, and assignments that use real-world, societally impactful topics, applications, and contexts (e.g., “computing for the social good”).
 3. Peer instruction, or similar in-class small group discussions.
 4. Guided, inquiry-based assignments that teach skills in practical contexts.
 5. Assessments that provide individualized feedback to help students improve, rather than only measuring performance.
 6. “Flipped classroom” formats where students learn the material at home, then apply their knowledge during in-class assignments.
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7. Examples and content that span a range of computing applications (e.g., MediaComp).
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