

The Urban Computing Collaborative

Increasing the 21st Century
Computing Skills of Urban Students



UCC Mission Statement

To increase the 21st century computing skills of urban students by providing partnerships, materials, training and support to pre-service and current urban teachers

We work towards this mission by pursuing four goals...

Goal #1

To increase the number and percentage of underrepresented students of color entering college and completing baccalaureate degree programs in computing related fields by promoting the creation of technology-oriented classes, and building pipelines from these courses into local colleges

Goal #2

To create, collect and host a large selection of curricular materials that can be used in core academic and/or technology classes to increase the computational skills of students

Goal #3

To increase the technology teaching skills of urban pre-service and in-service teachers by creating a replicable high school/ college faculty partnership model

Goal #4

To create a supportive community of practice among Denver educators by offering training, partnerships, communication forums and support

How have we been working towards these goals?

- We have created a tech based curriculum and pilot class at a DPS high school, co-developed and co-taught by high school teachers and college faculty
- We have created an online environment to share curricular materials, offer technical support and schedule community meetings and trainings

What are our next steps?

Spread the word! We want schools to know about and use our curricular materials, our partnership model, and our support network.

We would like YOU to become a part of the conversation!

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