

Goals

- Improve the adoption of PDC in early-CS courses
- Provide a database of PDC-enabled exemplar for early-CS courses
- Provide a database of non-PDC enabled exemplar for early-CS course
- Understand how CS courses are taught to build strategies for PDC adoption (what is missing, what is easy to adopt)

The CS Materials system

- A repository of materials (lecture slides, videos, assignment, exams)
- Materials are mapped to ACM CS 13, NSF/IEEE-TCPP PDC 12
- Tools to help classifying materials against guidelines
- Tools to inspect the coverage of a class or a set of materials
- Tools to inspect the difference in coverage between sets of materials
- Search functions

- Inputting a material
`http://cs-materials.herokuapp.com/material/105/edit`
- Harmonizing classification of a class
`http://cs-materials.herokuapp.com/matrix?ids=178`
- Studying the coverage of a class
`http://cs-materials.herokuapp.com/radial?ids=178`
- Studying alignment of your class
- Searching for new materials

We need your participation!

Why Participate?

- Help with the effort to get PDC adoption
- Help with Broader Impact of your pedagogical materials
- Using CS Materials can help you understand how your classes are formed, what they actually cover and what they could cover, and how that compares to the rest of the country
- Stipends are available for those who enter a full class

How To Participate?

- Entering materials in the system
- Providing feedback on the system
- Entering a class, or multiple classes in the system
- Publicizing the effort to colleagues
- Workshops to help people with the systems are coming. Drop us an email to be looped in: esaule@uncc.edu