



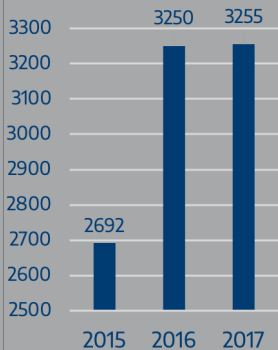
PRINCIPLE 4

Instruction incorporates evidence-based curriculum and pedagogy.

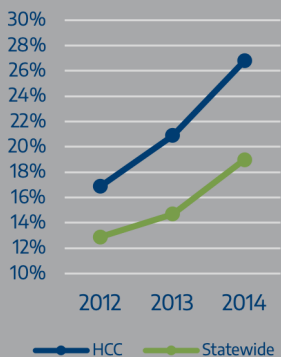
Houston Community College

Houston, TX
www.hccs.edu

Math Readiness Success Points



Underprepared Students Completing College-Level Math In 2 Years by Cohort



Texas Success Center

The Path to Evidence-Based Curriculum and Pedagogy

Examining Data



- An examination of institutional data showed students were struggling in developmental mathematics.
- A leadership team comprised of the vice chancellor of instruction, deans, department chairs, and faculty convened to commit to change that supports all students who enroll at HCC.

Research and Development

- The team looked for high-impact practices nationwide, using resources from Achieving the Dream and the Charles A. Dana Center.
- The curriculum was adjusted to reexamine learning objectives, include life experiences, and develop meaningful and frequent student feedback.
- Collaborative learning and supplemental instruction pedagogies were introduced due to evidence that students learn better when they talk to each other!



Faculty Development



- The math department provides strategic professional development activities for all full-time and adjunct faculty to support innovative pedagogy and learning.
- The college allots funds for all full-time faculty and raises funds for adjunct faculty to attend outside professional training. Adjunct faculty attend a year-long professional development program on pedagogy and implementation.
- Faculty are energized and engaged to support students through pathways.

Classroom Innovations

- Vanguard Classrooms: Faculty interested in using cutting-edge methodologies may hold class in rooms designed to be conducive to innovative learning practices.
- Innovation Fellows: Faculty may apply for fellowships to explore new curriculum and instruction on the horizon, and then return to conduct training and workshops.

