

Alternative Sequences for Developmental Mathematics

Designed to take students who would place into Elementary Algebra and put them in these alternative courses which combine the developmental mathematics they need with the college-level material and lead to completion of a college-credit math course - Elementary Statistics or Math for Liberal Arts - in two semesters.

These programs emphasize conceptual thinking and increasing students' intellectual sophistication through carefully designed and planned activities, homework, and assessments. They include other curriculum materials and some assessment materials. These are revised each year in response to teacher feedback.

<p>Carnegie Foundation for the Advancement of Teaching. The Pathways: Statway and Quantway</p> <p>Now in the third year of implementation. "Triple the success rates in half the time."</p> <p>http://www.carnegiefoundation.org/developmental-math</p> <p>See the "Descriptive Report" from that website for data.</p>	<p>The Charles A Dana Center: New Mathways Project</p> <p>Now in the first year of implementation. "Providing college mathematics pathways that support students' goals."</p> <p>http://www.utdanacenter.org/higher-education/new-mathways-project/</p>
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Both programs include many activities and supporting materials. The activities for the statistics courses are both developed from a preliminary version which is available under a Creative Commons license at the Dana Center website, from the end of this web page:

<http://www.utdanacenter.org/higher-education/new-mathways-project/new-mathways-project-curricular-materials/statistical-reasoning-course/>

Presentation for the Complete College America conference in West Virginia, January 2014. Presenter: Mary Parker, mparker@austincc.edu.