Redesign ABE Math & Math 22

Developmental Math Discipline Conference
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How Does Math Taste to You?
Motivation for the redesign

Since Spring 2009

- 58% Tested in higher math
- 26% Tested in Math 22
- 16% Tested in ABE
Motivation for the redesign

Future of Students Testing into ABE Math

- Took math: 216 (89%)
- Did not take math: 26 (11%)
Solution proposed

- Reduce lengthy progression to college-level math courses.
- Address study skills.
- Opportunity to complete ABE Math & Math 22 Pre-Algebra in one semester.
- Class meets 4 days, 5 hours each week.
- Students can advance to Math 24 upon successful completion.
Solution proposed - Achieving the Dream Initiative

Strategies addressed:

- “Revamp the developmental education curriculum to incorporate study skills and motivation”
- “Compress the developmental sequence from four courses to three”
- “Increase the use of active learning strategies”
How the Class Got Started

- Enrollment & recruitment:
  Collaborated with Trades & Technology Division

- Scheduling:
  Tried to fit all the Trades’ needs
  Will create 2 sections (a non-restrictive & a Trades-focused section) next semester
Math 21-Interactive Activities

Construction Activity:
Math 21-Interactive Activities

Algebra Tile
Math 21-Interactive Activities

Mixed Numbers (with money!)
Math 21-Interactive Activities

Combining Like Terms
Math 21-Interactive Activities

Peer Evaluation
Thanks!

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