

**KANSAS BOARD OF REGENTS**  
**Math Faculty Professional Development**  
MINUTES

November 15<sup>th</sup>, 2024, 2:00-4:00 p.m.

The November 15<sup>th</sup>, 2024, Math Pathways Professional Development session was called to order by Whitney Turner at 2:00 p.m. The meeting was held via Zoom.

MEMBERS PRESENT: 27 Institutions were represented. See page 4 for attendee list.

**Welcome (Whitney Turner, Associate Professor)**

Whitney Turner welcomed attendees and introduced Dr. Kathleen Almy, CEO of Almy Education, who presented on “Making Math Corequisites Work for You and Your Students.”

**Making Math Corequisites Work for You and Your Students**

Dr. Almy opened by soliciting participants' goals for the session and addressed a common question about pathways for undecided students. She recommended non-STEM options, such as Statistics or Quantitative Reasoning, citing her dissertation research. Dr. Almy emphasized that:

- Corequisite courses should be flexible yet intentional.
- These courses provide student support, not additional teaching.

Dr. Kathleen Almy emphasized best practices for implementing corequisite courses, tailoring strategies for both STEM and non-STEM pathways. For non-STEM courses, she recommended two hours of just-in-time support with the same instructor, ideally scheduled after the main course, to focus on applying skills to college-level content. For STEM pathways, she highlighted the importance of limiting enrollment to students needing College Algebra or Precalculus, providing support before the main course, cohorted groups, and using tools like bootcamps or software for algebra remediation. Across both pathways, Dr. Almy advocated for a backwards design approach, which prioritizes essential course objectives, critical prerequisite skills, and well-aligned assessments to inform support content.

Building effective corequisite content relies on Dr. Almy's three pillars: prerequisite skills, student success tools, and college-level content support. She illustrated these principles through the successful model of Math Literacy, a developmental course featuring faculty-driven, tested content, active learning, technology integration, and relevant problem-solving applications. To help structure class periods, Dr. Almy introduced a five-step classroom implementation template: assess student needs, reteach prerequisite skills, equip students with success strategies, scaffold bridge problems, and apply college-level content. Participants learned about revising courses through backward design. Further, they learned about planning corequisite class periods that address student needs, reinforce essential skills, and effectively integrate success strategies.

**Closing and Adjournment**

Whitney Turner thanked Dr. Almy for her insights and reminded participants of the next professional development opportunity in December. For further questions, participants can contact Dr. Kathleen Almy at [almy@almyeducation.com](mailto:almy@almyeducation.com). The meeting concluded at 4:00 p.m.

<b><u>Name</u></b>	<b><u>Institution</u></b>
Joseph Harrington	Barton Community College
Marcia Williams	Barton Community College
Ange Davied	Barton Community College
Marcia Williams	Barton Community College
Bethany Chandler	Butler Community College
Ben Bunck	Butler Community College
Cindy Bond	Butler Community College
Robert Zavala	Butler Community College
Sandy Derry	Butler Community College
Stacie Stricker	Butler Community College
Lisa Payne	Coffeyville Community College
Shelby Eytcheson	Coffeyville Community College
Kendall Payne	Coffeyville Community College
Ryan Willis	Coffeyville Community College
Shelby Eytcheson	Coffeyville Community College
Adam Wilson	Colby Community College
Loretta Waldroupe	Cowley College
Rachel Bates	Cowley College
Stephanie Gruver	Dodge City Community College
Kindra Wells	ESU
lori turner	Flint Hills Technical College
Amber Meis	Fort Hays Tech North Central
Sean Keady	Fort Hays Tech North Central
Amber Meis	Fort Hays Tech North Central
Rachel Schears	Fort Hays Tech Northwest
Sonia Gugnani	Fort Scott Community College
DeeAnn VanLuyck	Fort Scott Community College
Perla Salazar	Garden City Community College
Nicole Dick	Garden City Community College
Ben Gershon	Garden City Community College
Thuy Nguyen	Garden City Community College
Nicole Dick	Garden City Community College
Carol White	Highland Community College
Michelle Hurn	Highland Community College
David Bosworth	Hutchinson Community College
Allen Pinkall	Hutchinson Community College
Casey Worley	Hutchinson Community College
Erin Beaverse	Hutchinson Community College
Kimberly Shea	Hutchinson Community College
Terri McQueen	Hutchinson Community College
Allen Shockley	Independence Community College
Brian Southworth	Independence Community College

Mary Rack	Johnson County Community College
Whitney Turner	Johnson County Community College
Brenda Edmonds	Johnson County Community College
Cathy Sutherlin	Kansas City Community College
Stephanie Walker	KU
Kodithuwakku Indika	KU
Lindsey Weiland	KU
Kenneth Elliott	Labette Community College
Allie Reynolds	Labette Community College
Kimberly Withroder	Manhattan Area Technical College
Steve Dowell	Neosho County Community College
Doug Joseph	Neosho County Community College
Paul Walcher	Neosho County Community College
Doug Joseph	Neosho County Community College
Rita Drybread	Neosho County Community College
Sarah Jackson	Pratt Community College
Tim Flood	PSU
Jennifer Callis	Salina Area Technical College
Alex Groves	Seward County Community College
Bonnie Merrihew	Seward County Community College
Nam Tran	Seward County Community College
Heather Hannah	Seward County Community College
Stephen Brady	WSU
Beth McNamee	WU
Sarah Cook	WU
Stephanie Herbster	WU
Stephanie Herbster	WU
Beth McNamee	WU