

**Kansas Mathematical Association of Two-Year Colleges**  
**Spring Conference . . . March 2, 2013**  
**Cloud County Community College (Geary County campus), Junction City, KS**

<b>Program</b>
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8:30 – 9:00                      Registration and Light Snacks

9:00 – 9:15                      Welcome and Introductions

9:15 – 9:35                      ***Working with what you have...and maximizing student success***

*Dr. Gwen Carnes, Cloud County Community College*

A typical elementary algebra class: Math anxiety, dyslexia, highly motivated/no motivation, anal retentive/no retention, on your lap/never in class ... how do we meet everyone's needs? The speaker will share her method of addressing varied student backgrounds and needs using stolen segments of mastery learning and technology, and other hair-brained schemes.

9:40 – 10:00                      ***Buying for Success: Cost-Saving Text Options for Students***

*April Yablonsky, Senior Course Consultant, Pearson Education*

Students have long complained about the price of their course materials, but do they consider the value that these materials can bring to their learning? Let's explore some pricing options available to students through Pearson, and also the proven successful outcomes these students are having when combining these materials into their courses.

10:00 – 10:35                      ***Discussion: Wading Through a Sea of Possibilities: Choosing a Textbook Option That's Best for Everyone***

*Sarah Jackson, Pratt Community College*

Prices of textbook resources have become prohibitive for many of our students. We need to think about alternatives to the traditional text. Let's discuss and share what strategies we are currently implementing to reduce the cost for our students.

10:35 – 10:50                      Break

10:50 – 11:35

***Barton ACEmath***

*Brian Howe, Barton Community College*

Interest in developmental education redesign has been spurred by studies from National Center for Academic Transformation (NCAT). States like Tennessee and Virginia have encouraged institutions to redesign developmental courses due to rising costs for students and the state. Barton Community College has recently gone through a course redesign in mathematics, reading and English. The presenter will share about the Academic Center for Enrichment (ACE) program at Barton. Data shared will primarily be anecdotal from the pilot.

11:40 – 12:00

***Flipping the Classroom***

*Chris Imm, Johnson County Community College*

I have been using an Inverted or “Flipped” Classroom Model for the last two years in my upper level math courses at JCCC. I would like to share my ideas, preliminary results, and student comments and perspectives based on the evolution of this model. My hope is to promote expectations in implementing this method and to share successful ideas as well as trials I have encountered. Discussion by interested colleagues and others currently utilizing this method will be encouraged.

12:00 – 1:00

Lunch

1:00 – 1:20

***Just in Time Teaching: Methods in Calculus I***

*Rekha Natarajan, Kansas State University*

"Just In Time Teaching" (JiTT) is a teaching practice that utilizes web based technology to collect information about students' background knowledge prior to attending lecture. In this talk, we present results from a study conducted at Kansas State University in spring 2012, in which modified JiTT techniques in the form of online college algebra review modules were applied to a first semester calculus course. Instead of being administered purely "just-in-time," the reviews were assigned ahead of time as part of the online homework component of Calculus-I. Student progress on weekly Calculus-I online assignments was tracked in spring of 2012 and compared to student scores from weekly Calculus-I online assignments from spring 2011, when modified JiTT instruction was not available. For select Calculus-I online assignments during the spring 2012 term, the review modules significantly increased the number of students receiving perfect scores. Implications for classroom instruction will also be discussed.

1:25 – 2:10

***Discussion: Implementing the Calculus standards***

*Paul Walcher, Neosho County Community College*

At the October 2012 KCOG Mathematics meeting, new state outcomes were approved, after much debate, for Calculus 1. Let's discuss the new outcomes and best practices for their implementation.

2:10 – 2:25 Break

2:25 – 3:10 ***WebEx in the classroom: Blending Hybrid, Online and face to face instruction***

*Sergio Maria-Fagundez, Garden City Community College*

WebEx, live online teaching: WebEx is an online meeting software that gives you the best of videoconferencing, desktop sharing and lecture recording. WebEx lets you teach and interact live with your off campus students. It works for Windows, Mac, iPhone, iPad, Android, Blackberry... Come and see how I am currently using this technology to teach my off campus students.

3:15 – 3:35 ***Cell Phone Apps in a Business Math Class***

*Steve Wilson, Johnson County Community College*

The presenter allowed his students to use a cell phone app in the classroom, in place of a financial calculator. He will share why he did it, the results of the attempt, student reactions, and his thoughts about the future.

3:40 – 4:15 KAMATYC Business Meeting