

Kansas Mathematical Association of Two-Year Colleges
Spring Conference . . . March 6, 2010
Hutchinson Community College, Hutchinson, Kansas

Program

8:30 – 9:00
STC Lobby

Registration and Light Snacks

9:00 – 9:10

Welcome and Introductions

DeeAnn VanLuyck, Fort Scott Community College

9:10 – 9:55

Clicking Your Way to Student Engagement

Libby Corriston, Johnson County Community College

The audience will participate in a clicker session with a variety of questions that the presenter has prepared. She will then demonstrate how easy it is to create a clicker session and will discuss the particulars of having success in a clicker session. She will be using the Turning Point clicker software, and will share details on the cost of using clickers in the classroom with Turning Point. (The software itself is free!) Clickers will be provided for participants for this session. Handouts will be distributed.

9:55 – 10:25

Topical Discussion: Assessment in College Algebra

Brian Howe, Barton County Community College (moderator)

10:30 – 11:15

Mathematics, Medicine, & Imaging

Mike Martin, Johnson County Community College

The life sciences are transforming into a more quantitative, computationally-oriented discipline. It has been said that physics was to math in the last century as biology will be to math in the current century. This presentation will outline some of the approaches mathematicians can take in training aspiring biologists in new or existing courses. By focusing primarily on applications in medicine, it will be shown how relatively simple applications can connect with algebra, pre-calculus, calculus, and statistics. Interactive websites, developed by the presenter and media will be used and shared for visual and simulation purposes. The biotechnology initiatives in the state of Kansas and workforce readiness programs will also be discussed as they relate to the mathematics classroom.

11:20 – 12:05

Using MyMathLab to Make the Most of Your Class Time

April Patti & Jim Stamegna, Pearson Education

Rachel Bates, Wichita Area Technical College

MyMathLab is a series of online courses that accompany Pearson's textbooks in mathematics and statistics. The program provides instructors with a rich and flexible set of course materials and tools, and it offers students a personalized interactive learning environment, where they can learn at their own pace and measure their progress. Since 2001, MyMathLab has helped over 5 million students succeed at math at more than 1,850 colleges and universities.

"MyMathLab has changed teaching mathematics for me forever. I only want to teach courses where I can use it because of what it offers me and my students. It saves me time in and out of class. More importantly, my students DO more math which makes them more prepared when they come to class. That ultimately makes our class time more productive."

Kathleen Almy, Rock Valley College

12:05 – 12:55

Blue Dragon Room

Buffet Lunch

Pre-registrants with lunch tickets are invited to the buffet in the Blue Dragon Room of the Parker Student Union.

1:05 – 1:50

Confessions of an Integermaniac

Steven J. Wilson, Johnson County Community College

Are you familiar with the Four Fours problem? (Write each of the positive integers from 1 to 100 using exactly four 4s, and elementary operations.) The presenter will explore similar types of arithmetic puzzles, and discuss which solutions are "better" than others, how many solutions exist, and how to qualify as an integermaniac. Some insights into decimal numeration and a systematic (and computerizable) approach to finding solutions will also be examined. Bring your calculator.

1:55 – 2:40

Technical Colleges and Technical Mathematics

Rachel Bates, Wichita Area Technical College

Technical Colleges face specific academic challenges with regards to mathematics. The mission and vision of traditional technical education has evolved to meet the needs of business and industry.

2:40 – 2:55 *Afternoon Break and Light Snacks*

2:55 – 3:40 *Enhancing Instruction through Screen Casting*

Kimberley Miller, Labette Community College

This session will explore how professors can accomplish a virtual connection with students on any size budget through screen casting. We will introduce several different computer programs that are designed for mathematics specifically and how they can be incorporated in the screen casting process. Some of the topics explored will include the following: help your online students feel like they are sitting in your classroom, turn your desktop pc into a tablet pc, make the most of your publisher's online homework delivery system, and show your students how to use websites and other applications.

3:40 – 4:10 *KAMATYC Business Meeting*

DeeAnn VanLuyck, Fort Scott Community College

A big thank you for the **door prizes** goes to

- AMATYC
- Hawkes Learning Systems
- Hotmath, Inc

Between sessions, be sure to visit our **exhibitors**

- April Patti, Pearson Education