

Preliminary Program

- 8:30 – 9:00 Registration and Light Snacks
- 9:00 – 9:15 Welcome and Introductions
- 9:15 – 10:00 ***Inquiry-Based Learning in Mathematics; the Moore Method***
Chris Imm & Jeff Lewis, Johnson County Community College
- Your presenters will provide a short introduction of their experiences and a video outlining the Inquiry Based Learning (IBL) method, followed by time for comments, questions, and concerns. The hope is to provide awareness of the IBL method and hopefully create interest in IBL teaching.
- 10:00 – 10:45 ***Hot Topics: Liberal Arts Math/Alternative to College Algebra***
DeeAnn VanLuyck, Fort Scott Community College
- As the Carnegie Foundation moves towards the development of a Mathway curriculum, it's important that as an organization we are ready for these challenges. Be prepared to share elements that you think are important for a alternative course for College Algebra.
- 10:45 – 11:00 Break
- 11:00 – 11:45 ***Implementing Mastery Learning***
Jim Brunner & Wayne Mackey, University of Arkansas
- It may be possible to rescue mathematics education in the United States. Come learn what Mastery Learning is, some new variations, all the ways that it can help students, and how you can implement it in your classes.
- 11:45 – 12:15 ***Course Redesign***
Claire Kozar & April Yablonsky, Technology Specialist and Publisher Representative, Pearson
- We will provide a brief overview of Course Redesign, including specific needs for and goals of Redesign. The talk will highlight schools that have pioneered Redesign. We will also include Pearson's resources for Course Redesign including efficacy data. The talk will wrap up with the Models of Redesign which include: the Supplemental Model, the Replacement Model, the Emporium Model, the Fully Online Model, the Buffet Model, and the Linked-Workshop Model.
- 12:15 – 1:15 Lunch

1:15 – 1:45

Using a Tablet for Effective Teaching

Sandy Derry, Wichita State University

Tired of chalk dust everywhere? Dry erase marker on your clothes? Ready to use some technology? Explore how you can use a tablet computer to present information to your classes and say goodbye to the chalk dust and dry erase markers. Information will be presented on how to use a tablet to enhance your instruction. Topics include how to project your class notes using Windows Journal Writer and Classroom Presenter, using a graphing calculator emulator, saving your notes for future reference, and posting the notes for your students on your class management platform (i.e. Blackboard). Students will appreciate the access to your class materials outside of class and have the opportunity to be more successful in mastering the material.

1:45 – 2:30

Creating a Chance to Learn – College Classroom Discipline

Connie Buller, Metropolitan Community College, Nebraska

As more students are coming to community colleges fresh out of high school, discipline problems are arising. Why, then, do teachers have to participate in discipline? The reason is simple: if a student wishes to learn, he or she should have a fair chance to learn, and not have that chance taken away by distractions caused by such things as pairs of students whispering or talking—even “about math!”—while the class as a whole is trying to learn a concept. Students with disabilities are at particular risk of being prevented from learning when classroom discipline is not present. Get handouts and share ideas.

2:30 – 2:40

Break

2:40 – 3:25

You Borrowed at What Rate?!

Steve Wilson, Johnson Community College

The presenter will look at how the APR of a loan is calculated, and some situations when the APR might not accurately portray the effective rate a borrower experiences. Bring your TI-84 or other financial calculator.

3:25 – 4:10

National Academic Committees and Position Statements – Helping Kansas

Connie Buller, Metropolitan Community College, Nebraska

AMATYC wants to help individual colleges. What about course/program assessment—without personal fear for our jobs? Does AMATYC have a position about on-line proctored testing? Attending academic committees at national conference is fun, informative, and allows for networking face to face. But we can still work together, finding and sharing solutions to common problems by e-mail and at regional conferences like KAMATYC.

4:10 – 4:40

KAMATYC Business Meeting