

"Integrating Technology in the College Mathematics Curriculum"
 Sponsored by the Kansas City Regional Council of Higher Education

SCHEDULE OF EVENTS

- 8:15 Registration begins and will continue throughout the day. COM 319
- 8:45 Welcome and Introductions COM 319B
 Penny Seavertson - Program Director, Mathematics, JCCC
 Larry Rose - President, KCRCHE
- 9:00 - 9:50 Keynote Address - "A Leaner and Livelier Algebra" COM 319B
 Dr. Darrel Thoman (William Jewell)
 Introduction - Martha Haehl (MapleWoods Community College)

Parallel Workshops I:

- 10:00 - 10:30 A. "Use of MINITAB in Statistics Classes" OCB 343A
 Presenter - Felix VanLeeuwen (JCCC)
 Presider - Jean Moran (Avila)
- 10:00 - 10:50 B. "Workshop using the GyroGraphics Software Package" OCB 343B
 Presenter - William L. Grimes (Central Mo. State)
 Presider - Kay Weiss (KCKCC)
- C. "How to Use and Not Use Derive" COM 309
 Presenter - Richard Delaware (UMKC)
 Presider - Ken Eichman (Metropolitan C.C. ,Blue Springs)
- D. "Workshop Using Mathematica in a Calculus Laboratory" EMC 224
 Presenter - Daryl George (Rockhurst)
 Presider - John Koelzer (Rockhurst)

Panel Discussion

- 11:00 - 11:50 "How and When Technology Should be Used in the Classroom" COM 319B
 Moderator - Martha Haehl (MapleWoods)
 Panelists - Bob Adams (University of Kansas)
 Jo Ann Fellin, OSB (Benedictine College)
 Anita Salem (Rockhurst)
 Larry Sherwood (Penn Valley)
 Gerald Ulrich (KCKCC)

Lunch

11:50 - 12:

50 A box lunch will be delivered to COM 319B for those that reserved a lunch.
If you did not order a box lunch, feel free to buy lunch (in either of the JCCC cafeterias in the Commons building, or off campus), and return to COM 319B for the continuing conversations over lunch.

Parallel Workshops II:

- 1:00 - 1:50
- A. "Introductory Workshop on the TI81 Graphing Calculator, COM 319B
Algebra and Trigonometry Applications"
Presenter - Mike Koehler (Blue Valley North High School)
Presider - Kay Weiss (KCKCC)
 - B. "Math Lab Calculus - OCB 343B
An Introduction to a Powerful Software Package"
Presenters - Mike Gutowski and Jeff Frost (JCCC)
Presiders - Larry Sherwood (Penn Valley)
 - C. "Vectors and Vector-valued Functions, COM 309
using Computer Technology"
Presenter - Beth Henkle (Avila)
Presider - Darrel Thoman (William Jewell)

Parallel Workshops III:

- 2:00 - 2:50
- A. "Advanced Workshop on the TI81 Graphing Calculator" COM 319B
Presenter - Mike Koehler (Blue Valley North High School)
Presider - Kay Weiss (KCKCC)
 - B. "Practice and Exploration of OCB 343B
MicroCalc, Derive, and True Basic Calculus"
Presenter - Richard Delaware (UMKC)
Presider - Noah Rhee (UMKC)
 - C. "A Comparison of the HP Calculator and Mathematica" EMC 224
Presenter - Bob Adams (University of Kansas)
Presider - Martha Haehl (MapleWoods)

Parallel Sessions:

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| 3:00 - 3:30 | A. "The Use of MINITAB in Statistics Classes"
Presenter - Felix VanLeeuwen (JCCC)
Presider - Ken Eichman (Metropolitan C.C., Blue Springs) | OCB 306 |
| 3:00 - 4:00 | B. Continuation of Richard Delaware's Workshop
on MicroCalc, Derive, and True Basic Calculus | OCB 343B |
| | C. Project Sharing Session
This session will be devoted to displays and hands-on
demonstrations of uses of technology in teaching math.
The Project Sharing Room will be set up all day. We
encourage informal sharing any time during the Expo.
Facilitator - John Koelzer (Rockhurst) | COM 319A |

The planning committee listed here would like to thank all the presenters, panelists and participants for making the first Greater Kansas City Mathematics Technology Expo a success.

Martha Haehl (MapleWoods), chair
Ken Eichman (Metropolitan Community College - Blue Springs Campus)
Libby Holmgren (Johnson County Community College)
John Koelzer (Rockhurst College)
Jean Moran (Avila College)
Larry Sherwood (Penn Valley Community College)
Noah Rhee (UMKC)
Darrel Thoman (William Jewell College)