

Traveling Workshops

Equip your full- and part-time mathematics faculty with the curricular, pedagogical, and technology tools to ensure that all students will have the mathematics they need to succeed in the 21st century.

Traveling Workshops are a cost-effective way to bring customized professional development workshops to your college or affiliate. There are three strands of traveling workshops: Traveling Technology Workshops, Traveling the Crossroads Workshops and Traveling Teacher Preparation Workshops.

Why should my college schedule an AMATYC Traveling Workshop?

- **CUSTOMIZED:** Workshops can be tailored to fit the needs of your department.
- **COST EFFECTIVE:** Your entire department, including part-time faculty, can participate instead of only a few faculty traveling to an off-campus site.
- **EASY:** We bring the curriculum, instructors, and materials to you!



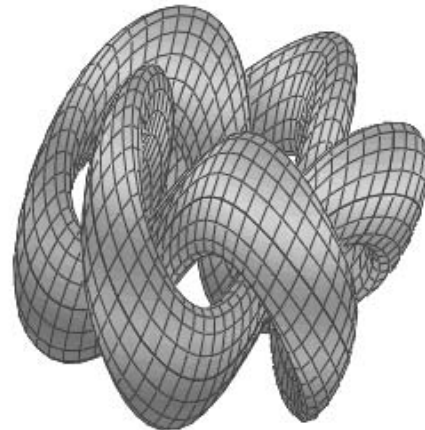
Do you have a “Faculty Development Day” scheduled at the beginning of the academic year or semester?

That is an ideal time to host an AMATYC Traveling Workshop!

Technology

Traveling Technology Workshops offer hands-on workshops using current technology for undergraduate mathematics instruction. Workshop presenters stress the application of the technology to instruction in undergraduate mathematics courses. Sample classroom materials and bibliographies are presented at each workshop. Our instructors can train your faculty to teach with:

- Distance Learning
- Course Management Software
- Graphing Calculators
- Calculator Based Laboratories
- CAS Software
- Mathematical Software



Crossroads

Traveling the Crossroads Workshops help you and your colleagues implement recommendations from the *CROSSROADS IN MATHEMATICS: Standards for Introductory College Mathematics Before Calculus* in your classrooms. These are hands-on, interactive workshops based on the needs of full-time and part-time faculty at your college. Some of the topics are:

- Teaching Problem Solving
- Using Group Methods
- Assessing Student Learning
- Meshing Teaching and Learning Styles
- Evaluating Your Program
- Developing Curricula
- Building a Department Team
- Integrating Technology



Teacher Preparation

Traveling Teacher Preparation Workshops offer institutions a way to address issues of mathematics content, technology, pedagogy, research, and assessment for future teachers. These workshops focus on the mathematics and technological preparation of prospective K-8 teachers at two-year colleges and the broader issue of two-year college involvement in teacher preparation. Topics covered include, as appropriate to mathematics courses for prospective teachers:

- Standards-based courses
- The mathematics that prospective teachers should know and be able to do
- Integrating technology into the teacher preparation curriculum
- Pedagogical models that deliver appropriate Standards-based mathematical content
- Examination of current research
- Issues of course creation and articulation of coursework with four-year institutions



Start your institution on the road to improved mathematics instruction by setting up a workshop custom-designed to meet your faculty's needs. Contact:

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Roscommon, MI 48653
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An informal process will be used to identify your college's needs and establish workshop goals that will then be matched with the talents of our facilitators.

Costs include the instructors' travel, lodging and per diem, duplication, and an honorarium of \$500 per instructor per day.

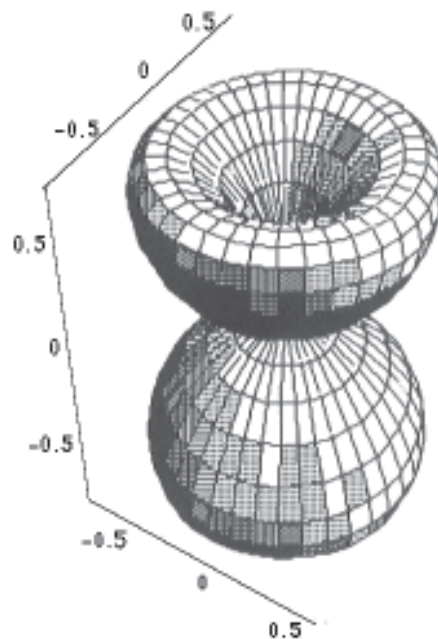
For more information contact:
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Southwest Tennessee Community College
5983 Macon Cove
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Phone: 901.333.4643
Email: amatyc@amatyc.org
Website: www.amatyc.org

AMATYC provides other professional development opportunities for two-year college mathematics faculty. Future AMATYC Annual Conferences will be held in:

- Orlando, FL Nov. 18-21, 2004
- San Diego, CA Nov. 10-13, 2005
- Cincinnati, OH Nov. 2-5, 2006
- New Orleans, LA Nov. 15-18, 2007
- Washington, D.C. Nov. 20-23, 2008

Watch for Institutes during the summer as well as affiliate conferences during the academic year to support your needs as a professional.

For further information on AMATYC Professional Development opportunities and AMATYC, please visit our website at www.amatyc.org.



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American Mathematical Association of Two-Year Colleges



AMATYC Traveling Workshops

Customized,
Cost Effective
Professional Development
for
Mathematics Faculty