

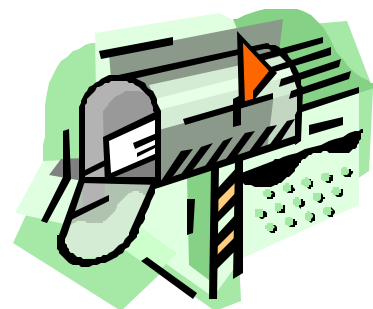
ArizMATYC NEWS

VOLUME 1, No. 1

SEPTEMBER 2003

A Letter from the ArizMATYC President

This is an exciting time for AMATYC and ArizMATYC. It is the new election season for both organizations. If you are a member of AMATYC, please make sure that you send your ballot back by October 1. You may have noticed our very own Tom Adamson is running for Secretary. Good luck, Tom! If you are not a member of AMATYC, please consider joining. It is the one organization that is especially for math teachers at two-year colleges.



ArizMATYC is starting to have discussions of how best to serve its members. If you would like to see us do certain things, please come to the next business meeting at the Fall ArizMATYC meeting at Scottsdale Community College, October 10th. If you can't make it, please e-mail suggestions to me. In addition, ArizMATYC will be holding elections for president-elect, secretary, and treasurer this year. If you would like to be more involved in the organization, please consider running. Let Dan Rusow at Arizona Western College know that you are interested in running and for which office. Dan is the current president-elect and will be getting the slate together for the next election.

Also, the new Arizona Math Directory 2003-04 has been published. It lists the names, addresses, phone numbers, and e-mail addresses of all two-year math faculty (and some others) from around the state. In addition the websites for every Arizona public college and university are also included. The directory is available at www.arizmatyc.org. Please let me know if you know of any changes.

I hope to see you all at the Fall ArizMATYC meeting.

Kate Kozak

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2003**

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**ArizMATYC Fall Conference and Math ATF Meeting
Friday, October 10, 2003**

**Scottsdale Community College
9000 E. Chaparral Road
Scottsdale, AZ 85256**

The theme of this fall's conference at Scottsdale CC is *Art of Mathematics/Mathematics of Art*. The day will begin at 7:30 am with on-site registration and a continental breakfast at the SCC Performing Arts Center. (The \$5 registration fee pays for a one-year ArizMATYC membership.) Dr. John Neibling, SCC Dean of Instruction, will welcome the participants at 8:30 am, and campus roll call will follow. The Math ATF meeting is scheduled for 10:00 am in the Performing Arts Center. Sessions will follow throughout the day in the Computer Technology and Mathematics Building.

Carol Edwards, the "Bubble Lady," will present her fascinating Bubble Show at the conference. She will discuss two unsolved math problems in everyday language and with hands-on activities. Publishers will display their products in the Math/Science Tutoring Center.

Luncheon will be prepared by the SCC Culinary Arts program. The cost will be \$10.00, which includes tax; luncheon registrations are due by September 26. There will also be a TGIF event at the Inn at Pima, with free appetizers and a no-host bar.

A registration form and additional information about the conference is available at <http://www.sc.maricopa.edu/math/>

We hope to
see YOU in
Scottsdale on
October 10!



ArizMATYC Business Meeting Minutes

Arizona Western College, Yuma

April 11, 2003

Kate Kozak called the meeting to order at 1:20pm.

The minutes of the October 2002 business meeting were approved on a voice vote.

The Treasurer's report was distributed and approved. Since we have no plans to spend \$1000 in the coming year on t-shirts as we have for the past two years, the balance should stabilize a bit. We may have to revisit the idea of conference registration fees in the future. Anne Dudley will need a list of attendees at this conference, as each paid for ArizMATYC membership.

Currently the ArizMATYC website is not working. Shay Cardell is trying to get it back up. If the AMATYC board decides in favor at its April meeting, we may be able to use the AMATYC site. It was suggested that our website provide links to the handouts presented at this conference. Dan Russow will look into doing this.

The ArizMATYC statewide directory needs to be updated. Kate will e-mail a contact person at each college to get current information (name, school address, phone number, e-mail address) for all permanent math faculty members. It was suggested that we each make a point of asking our colleagues to join ArizMATYC.

The ArizMATYC newsletter was discussed. In the past, the newsletter editor's college has paid the cost of printing and mailing the newsletter. Since this may no longer be possible due to tight college budgets, it was decided to try to publish the newsletter online. The newsletter should contain campus reports and business meeting minutes from state conferences, delegate reports, news from other groups such as AMATYC and MAA, and stories about innovations, ideas, and experiments on the campuses. There are lots of interesting things being done - we need folks to take the time to write a paragraph or two about what they're doing and send it to the editor.

It was suggested that the statewide numbering system be published online and in the newsletter, as many new math faculty are unaware of it.

The Fall 2003 Conference of ArizMATYC will be held at Scottsdale on October 10. There will be a voluntary \$5 registration fee that will go toward a raffle. Each college is asked to supply an item to be raffled. The conference theme is *The Mathematics of Art* or *The Art of Mathematics*. The Spring 2004 Conference will be held jointly with MAA in Flagstaff. The Fall 2004 Conference will be at Northland Pioneer in Show Low, exact date to be announced.

The meeting was adjourned at 2:00pm.

Respectfully submitted,
Sue Jensen, Secretary

Campus Reports

April 11, 2003

NAU: No longer using ALEKS, now using MyMathLab in College Algebra; hiring three faculty members.

Yavapai: New buildings, due to having passed a \$69M bond issue.

Scottsdale: New building for math and technology; testing three new books in College Algebra; may begin two tracks (College Algebra Plus One – with lab); will host ArizMATYC meeting in October 2003 with theme “Art of Mathematics.”

Pima: Academic Systems in some dev ed courses; due to budget problems, not hiring replacements for those who retire or transfer to another campus; problem with designating MAT 122 as a dev ed course.

Phoenix: Using Maple in Calculus; hiring as many as three; David Dudley to have surgery on April 12.

Northland Pioneer: Floyd Winslow, instructor at Winslow campus, died October 21, 2002; possibly no new hiring due to budget constraints; new building at Holbrook almost finished, also new buildings at Winslow, Whiteriver and Snowflake; phasing out MAT 121 in favor of a two-semester Algebra I and Algebra II sequence (MAT 112)

Mohave: Drastic downsizing, including loss of several fulltime math faculty members.

Glendale: Hiring new faculty, using Maple in calculus and differential equations, offering a tutoring class.

Embry Riddle: Now have 6 fulltime math faculty, college is growing and building.

Eastern: New building, seeking to create an engineering degree program.

Coconino: First web course (MAT 142) has 100% retention so far, offering Precalculus as ITV course; will no longer use MyMathLab due to cost and availability; selecting new textbooks for 082, 086, 092; seeking new Business Calculus ideas, enjoying new campus.

Arizona Western: Hiring; running out of room; using Excel in MAT 142; offering 082, 086 with a Spanish text; offering summer nine-credit immersion math program for elem. ed majors.

Visitors present: Mary Robinson, Southwest Region VP, AMATYC
Faculty from University of Mexicali and from San Luis HS District

No reports from UA, ASU, Tohono O’Odham, south Mountain, Rio Salado, Mesa, Paradise Valley, Grand Canyon, Gateway, Estrella Mountain, Diné, Cochise, Chandler-Gilbert, or Arizona Central.

Arizona Community College Common Numbering System for Mathematics Courses

Dan Russow
Arizona Western College

Approximately 7 years ago, a group of math educators from around the state of Arizona met at Central Arizona College to discuss a common numbering system for the state community colleges. I was one of those educators and from what I remember about the others who were present that day, many of those folks are now retired. The reasons were numerous for such a numbering system, but the main one revolved around advising and placement of students who transferred from one community college to another and from a community college to one of the state universities. With a common numbering system in place, an advisor or school official would immediately recognize what course the student was trying to receive credit for and also how many credits the student earned for that course.

I believe that we left some leeway on what to number both Pre-algebra and Beginning Algebra since these courses were nontransferable at the time.

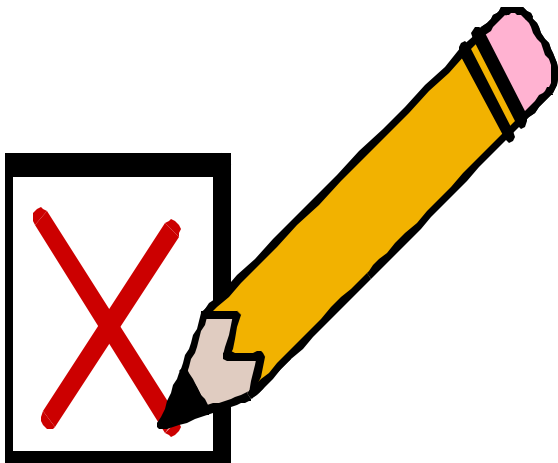
Adhering to the new numbering system, Arizona Western College has the following numbering system for mathematics. Note that both Pre-algebra and Beginning Algebra may have different numbers at your college.

Course Name	Course Number	# of Semester Credits
Math Essentials with Review	MAT 070	5
Math Essentials: Standard	MAT 071	4
Math Essentials: Accelerated	MAT 072	3
Beginning Algebra with Review	MAT 080	5
Beginning Algebra: Standard	MAT 081	4
Beginning Algebra: Accelerated	MAT 082	3
Intermediate Algebra with Review	MAT 120	5
Intermediate Algebra: Standard	MAT 121	4
Intermediate Algebra: Accelerated	MAT 122	3
College Algebra with Review	MAT 150	5
College Algebra: Standard	MAT 151	4
College Algebra: Accelerated	MAT 152	3
Finite Mathematics	MAT 172	3
Plane Trigonometry	MAT 181	4
Plane Trigonometry	MAT 182	3
Plane Trigonometry	MAT 183	2
Precalculus	MAT 187	5
Brief Calculus	MAT 212	3

Course Name	Course Number	# of Semester Credits
Calculus I with Analytic Geometry	MAT 220	5
Calculus I with Analytic Geometry	MAT 221	4
Calculus II with Analytic Geometry	MAT 230	5
Calculus II with Analytic Geometry	MAT 231	4
Calculus III with Analytic Geometry	MAT 240	5
Calculus III with Analytic Geometry	MAT 241	4
Differential Equations	MAT 252	3

Note that when the last digit of the course number is added to the number of credit hours for that course, the result should be 5.

Our Mathematics for Elementary Education Teachers courses are numbered MAT 130 and MAT 135, but no common number was assigned to these courses. This numbering system was put in place in 1997 at Arizona Western College. Most colleges in the state have changed over to the new numbering since this system was adopted. Our common numbering system, combined with our great articulation with the state universities has made mathematics a model program for all others to look up to in the state of Arizona.



Don't forget to
vote in the
AMATYC elec-
tion!
Your ballot must
be returned by
October 1.

2004 AMATYC Mathematics Excellence Award Call for Nominations Deadline: November 3, 2003

Nominations are now open for the next AMATYC Mathematics Excellence Award, which will be presented at the 2004 AMATYC Annual Conference in Orlando, FL. Nomination materials include a resume or vita (not to exceed 3 pages) and three letters in support of the nomination, one of which is a letter of nomination. At least one of the three letters should be from outside the nominee's AMATYC region.

Letters of support that elaborate on those qualities mentioned in the resume or point out additional exemplary characteristics of the nominee are more helpful to the committee than letters that reiterate items mentioned in the resume. In an effort to compare all candidates on the same basis, any additional materials submitted will not be considered.

The Mathematics Excellence Award Committee will consider each of the nominations in accordance with the following criteria:

- National reputation (20 points)
- Leadership and activities in professional organizations (20 points)
- Professional talks and presentations (10 points)
- Awards and grants received (10 points)
- Publications (10 points)
- Professional activities on a regional, state, and national scale (10 points)
- Teaching Expertise (15 points)
- Other contributions to mathematics and/or mathematics education (5 points).

Nomination materials should be submitted to: Susan S. Wood, AMATYC Past President, J. Sargeant Reynolds Community College, PO Box 85622, Richmond, VA 23285-5622. Contact Susan at swood@jsr.vccs.edu if you have questions. For more information about the AMATYC Mathematics Excellence Award, visit www.amatyc.org.

