



TexMATYC News

Texas Mathematical Association of Two-Year Colleges

Fall 2018

President's Message



On behalf of the TexMATYC Board, I would like to welcome everyone to the Fall 2018 semester! We are in the midst of some really big changes happening in our world of mathematics education: Dual Credit courses are now a normal offering at most of our colleges, technology is abundant in our classrooms, and active learning strategies have literally flipped our role as educators in the classroom and the expectations of our students.

House Bill 2223, passed in 2017, requires that all colleges in Texas offer co-requisite course options for

students in Developmental Mathematics at a growing rate through the year 2020. As of this fall, 25% of all Developmental Mathematics course offerings must be designed as a co-requisite course. Next year the statute will be 50% of all developmental course offerings and by fall of 2020, 75% of our developmental classes will be co-requisite. While many schools have successfully implemented these new course designs in recent years (via initiatives such as the New Mathways Project), there are many of us who are trying this new design at a large scale for the first time this year! With these changes occurring state-wide at all IHEs, this provides an opportunity to invite each of you to gain more information about what others are doing by attending the AMATYC conference in November (Orlando, FL), TCCTA/TexMATYC sessions in March 2019 (Houston, TX) and the AMATYC Southwest Regional Conference in June 2019 (Frisco, TX).

Our everyday world, and students are heavily dependent on technology and the availability of instant information at the touch of a fingertip! This reality plays a major factor in our current pedagogical course design and assessment methodologies. Many of us have worked to adapt to these changing times and are now incorporating both out-of-class homework assignments as well as examinations via software (some available freely and some via publishing company textbooks & resources).

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While some instructors have shied away technology and prefer a true mathematical lecture, the conundrum that is created is that our students nowadays want (some might argue that they 'need') some sort of technology interface to engage them in learning. A two-hour lecture doesn't hold the same attention value with today's millennial students who are more adept with short 10-15 minute presentations before they become disengaged. How are we to find the right balance? While there is not a silver bullet for this concern, I believe that we're all working to find the flexibility in our teaching that can present, engage and challenge our students continually as we all demonstrate the ability of life-long learning!

Flipped classrooms, group work, scaffolding, wikis & blogs are all now the norm as our community of mathematics educators work to create & implement active learning strategies in our mathematics classes. While our intent is without question, how we communicate and connect with our students as well as how we create opportunities for them to discover and apply mathematics is ever-changing!

There's lots for us all to engage-in and learn and the TexMATYC Board is working hard to create and promote positive and constructive opportunities for us all to share and support one another!

Let's bring TexMATYC's 40th year as an organization to a spectacular close!

Mario Morin
TexMATYC President

News from AMATYC



Hello my fellow TexMATYC friends! I hope your fall semester is off to a great start and that you are making plans to attend the AMATYC Conference in Orlando, FL on November 15-18.

There are several updates from AMATYC that I'd love to share with you. First, AMATYC has finalized our latest document called *IMPACT: Improving Mathematical Prowess and College Teaching*, and it is now available for download at <https://amatyc.site-ym.com/mpage/IMPACT>. All attendees at the AMATYC Conference in Orlando will receive a hard copy of *IMPACT*. Please share this document broadly with your colleagues! Next, don't forget that the National Math Summit will be held just prior to the AMATYC Conference on November 13-14 at the same hotel as the AMATYC conference in Orlando, FL. Registration is open and more information is online at <http://amatyc.org/>.

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Are you interested in getting involved in AMATYC? We need you! AMATYC is seeking volunteers for the following positions:

- AMATYC Assistant Program Coordinator – This position was previously known as the Presider Chair, but has since been renamed. The Assistant Coordinator will assist the Program Coordinator in many aspects of the planning of the program for the annual conference and serves as a member of the conference committee. More details are available at: <https://tinyurl.com/yd8464w8>.
- AMATYC News Editor – This position is responsible for coordinating the AMATYC News, soliciting articles, and editing submissions. AMATYC is seeking a wonderfully organized and energetic person to take on this role. This position received conference support to attend AMATYC and is a 3-year position beginning at the end of the AMATYC conference this November. If you are interested, please email me at april.strom@cgc.edu.

If you are attending the AMATYC Conference in November, please plan to attend the Southwest Regional Meeting and Luncheon on Friday, November 16 to network with colleagues from all over our region. This year's SW meeting will be a bit different than previous years, so come join us to learn and have fun!

Finally, if you or your colleagues have never been a member of AMATYC and would like to join, please reach out to me at april.strom@cgc.edu. I can provide you with a first-time member discount code for 50% off a one-year membership. A great deal for all new AMATYC members!

Happy fall, y'all!

April Strom

Vice President AMATYC Southwest Region



T3AMS

Texas Association of Academic Administrators in the Mathematical Sciences (T3AMS) Fall 2018 meeting will be held at Central Texas College on Oct. 12-13, 2018. The meeting is for current, past and future math administrators to discuss math curricular and program issues in Texas. The organization holds meetings each year in Fall and Spring semesters. The fall meeting begins on Friday evening and concludes at noon on Saturday.

Through an NSF grant awarded to the University of Texas at Arlington, we have secured a limited amount of travel funds for 2-year community colleges and minority serving institutions, with priority going to those who are new to the association. We normally support one team (chair and a faculty) in each school. Please send request to Dr. Cynthia Martinez, T3AMS president, cymartinez@templejc.edu.

TexMATYC Wants You!

The Texas Mathematical Association of Two-Year Colleges (TexMATYC) is the affiliate organization of the American Mathematical Association of Two-Year Colleges (AMATYC) and provides professional development and professional policy guidance for mathematics teachers of two-year colleges. It is our goal to offer various opportunities for the preparation and development of Texas mathematics faculty in andragogy and policy guidance from the Texas Higher Education Coordinating Board (THECB).

Membership is merely \$10 per year or \$150 for a lifetime membership! All you have to do is visit our website: www.texmatyc.org and click on "Join Now." Payments can be made online with a credit/debit card or via PayPal.

Membership Benefits:

- Have your thoughts, concerns and interests represented at the AMATYC conference
- Receive up-to-date news and discussion regarding current trends in mathematics education in Texas
- TexMATYC Newsletter two times per year with legislative updates and changes from the Texas Higher Education Coordinating Board, highlights of exciting programs at various Texas community colleges, and information regarding professional development opportunities
- Annual TexMATYC conference (held in conjunction with TCCTA), where there'll be plenty of networking with other educators, professional development opportunities and great speaker presentations.

We hope that you'll consider joining TexMATYC and contributing to our organization. We look forward to working alongside all of our members for this upcoming year!

AMATYC Southwest Regional Conference

SAVE THE DATE!!

Join us in Frisco, TX to attend the Southwest AMATYC Regional Conference. Located in the Dallas-Ft. Worth metroplex, Collin College - Frisco Campus will be our school away from school for the weekend. "Big Ideas in Texas" is what we hope you will gain by attending sessions presented by colleagues across our region as well as across regional boundaries!

Conference Dates:

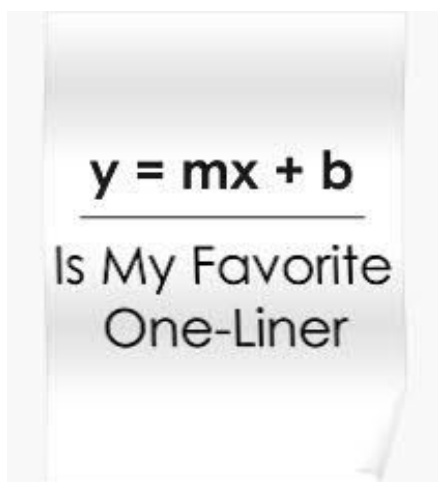
Friday, June 7, 2019 (11am-5pm)

Saturday, June 8, 2019 (9am-1pm)



Upcoming Conferences

- National Math Summit (in conjunction with AMATYC)
November 13-14, 2018. Orlando, FL
- 44th Annual AMATYC Conference
November 15-18, 2018. Orlando, FL
- Joint Mathematics Meetings (AMS/MAA)
January 16-19, 2019. Baltimore, MD
- TexMATYC/TCCTA
February 28 – March 2, 2019. Houston, TX
- MAA Texas Section Meeting
March 28-20, 2019. Stephenville, TX



Got News?

If you know of any exciting news or events happening in the world of mathematics, have it published in the next TexMATYC Newsletter!

Submit your articles to Kyle Kundomal at kkundomal@collin.edu.

Visit us at www.texmatyc.org

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