

THE GREAT 58 CONNECTION

NORTH CAROLINA MATHEMATICS
ASSOCIATION OF TWO-YEAR COLLEGES

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Fall 2025 Newsletter

The NCMATYC BOARD is bringing back the Newsletter to help improve communication between all NCMATYC members in hopes to encourage more involvement by members in the organization. The plans are to email out three newsletters per year to be sent out in the Fall, and the Winter, and the Spring.

NCMATYC Conference 2026 - hosted by Cape Fear Community College

Submitted by Caroline Greenough, Cape Fear Community College

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 **2026 NCMATYC Conference: *Waves of Change***

March 5–6, 2026 • Cape Fear Community College, Wilmington, NC

Are you ready to step away from the hustle and bustle and recharge your teaching inspiration? Join us in Wilmington this spring for the **2026 NCMATYC Conference, “Waves of Change: Surfing the Currents of Mathematical Discovery.”**

This year’s program promises exciting sessions led by colleagues from across North Carolina, covering:

- **Developmental Math & placement testing**
- **Artificial Intelligence as a classroom tool**
- **High-impact math activities**
- **Technology & strategies that support student learning**
- ...and much more!



Of course, the conference wouldn't be complete without our **vendors, the Faculty Math League competition, and the always-popular Student Panel**. Whether you're attending for professional growth, networking, or just to recharge with colleagues, this conference has something for everyone.

🔔 **Cape Fear Community College wants YOU!**

Be on the lookout for registration details and join us for what promises to be a fantastic event.

☀️ **Explore Wilmington While You're Here**

When you're not in sessions, Wilmington has plenty to offer:

- 🧩 **Escape Rooms** – Test your logic in one of the 15 escape rooms near CFCC.
- 🏐 **Beach Volleyball** – Head to Captain Bill's for sandy courts, great food, and maybe even a celebrity sighting.
- 🚶 **Riverwalk Adventures** – Stroll the Riverwalk, take a riverboat cruise, or catch views of the USS North Carolina Battleship.
- 🎭 **Entertainment** – Catch *Mamma Mia!* at the Wilson Center or *Mutts Gone Nuts* at Thalian Hall.
- 🏰 **Local Attractions** – Visit the Wilmington Railroad Museum, NC Aquarium at Fort Fisher, or the Fort Fisher State Historic Site.
- 🌅 **Coastal Beauty** – Don't miss a sunrise or a wave at nearby **Topsail, Wrightsville, Carolina, or Kure Beach**.

Mark your calendars, start planning your trip, and get ready to **ride the waves of change with NCMATYC in Wilmington!**



NCMATYC–NCCCS Advocacy Committee Update

Submitted by Caroline J. Cook, Committee Chair, Rowan Cabarrus Community College

✉ caroline.cook@rccc.edu

I am honored to serve as the newly appointed Chair of the **NCMATYC–NCCCS Advocacy Committee**. In addition to this role, I currently teach **Calculus III, Calculus I, Precalculus, and Statistics** at Rowan Cabarrus Community College.



The purpose of our committee is to serve as a voice for community college math faculty by drafting requests and recommendations to the NC Community College System (NCCCS). We welcome all who are interested in helping us advocate for faculty concerns and priorities. If you would like to get involved, please email me or join us at our next meeting in September!

Committee Highlights

Our **introductory meeting was held on April 7, 2025**, where we began identifying important topics for discussion, including:

- Reviewing and suggesting improvements to the **System Office document on class modalities**.
- Identifying a clear **point of contact** at the System Office for faculty-related concerns.
- Exploring ways for NCMATYC to provide **input before changes are made** to developmental education and placement options.

Committee Goals for 2025–2026

- Develop more accurate and up-to-date descriptions of class modalities.
- Address concerns related to **faculty workload**.
- Provide a forum for **faculty concerns of all types**—we want to hear from you!

I look forward to working together to strengthen the voice of math faculty across North Carolina's community colleges. Wishing you all a successful **2025–2026 academic year!**

📌 Quick Details – How to Get Involved

Upcoming Meeting (Fall 2025)

- 📅 **Tuesday, September 23, 2025**
- 🕒 **3:30 PM – 4:30 PM**
- 📍 **Zoom Virtual Meeting**

👉 **Interested in joining?**

- Email Caroline Cook at caroline.cook@rccc.edu
- Or simply attend our September meeting!

Introduction of the State Legislative Advocacy Committee

Submitted by Joseph D. Lloyd, Committee Chair, Wake Technical Community College

✉ jdllloyd@waketech.edu

As we begin the **2025–2026 academic year**, I am honored to reintroduce myself as the newly appointed **Chair of the NCMATYC State Legislative Advocacy Committee**. I currently serve as a Mathematics Instructor at Wake Technical Community College, where I teach **Quantitative Literacy, Precalculus Algebra, and Trigonometry**.



This role comes at a pivotal time, as the voices of community college faculty must be heard in shaping education funding and priorities in North Carolina.

Committee Goals

The Advocacy Committee is committed to:

- **Tracking and responding** to state-level policy changes impacting community college mathematics instruction.
- **Educating and informing** faculty on key issues such as funding, curriculum mandates, and faculty support.

Proposed Initiative

One of our first initiatives will be to **draft an open letter**—with input and approval from the NCMATYC Board—that reflects the collective concerns and priorities of our membership. After finalizing the draft, we plan to circulate it for signatures and then deliver it to the appropriate NC House and Senate Chairs.

This effort, along with future initiatives, will strengthen our presence in legislative conversations and highlight issues most critical to our profession: **program funding, compensation, and health plan benefits**.

Fall Kickoff Meeting

We invite anyone with an interest in legislative advocacy to join us! Whether you want to help shape the letter, share policy updates, or simply stay informed, we'd love to have you involved.

📅 **Tentative Date:** Thursday, September 25, 2025

🕒 **Time:** 4:00 PM – 5:00 PM

📍 **Location:** Virtual (link to be shared by email in early September)

👉 To be added to the committee contact list, email me at jdllloyd@waketech.edu.

Together, we can ensure that the perspectives of North Carolina's community college math faculty are heard at the state level.

NCMATYC Competitive Mathematics Committee

Submitted by Seth McElvaney, Committee Chair, Wake Technical Community College

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The **NCMATYC Competitive Mathematics Committee** is about much more than just the Student Math League. Our mission is to **expand opportunities for North Carolina community college students to participate in mathematics competitions**—from local contests to national challenges.



AMATYC Student Math League

One of the most popular events is the **AMATYC Student Math League**, a national competition that features two exams each year (one in the fall and one in the spring). Each exam consists of 20 multiple-choice questions—non-calculus, but creative and challenging—that are administered on campus.

📌 **Early registration deadline:** September 30

💰 **Fee:** \$35 per school

🔗 Learn more and see past exams here: [AMATYC Student Math League](#)

NCMATYC Mathematics Competition

Closer to home, NCMATYC also hosts its **own annual competition**. This year, it will take place at **Wake Tech South Campus on Saturday, November 1, 2025**.

The event is modeled after the **University of North Georgia Math Tournament**, and details—including format and competition guidelines—can be found here:

🔗 [NCMATYC Math Competition](#)

🔗 [UNG Math Tournament](#)

Other Opportunities

In addition to these, students may also participate in:

- **AMATYC Student Research League** – [Details here](#)
- **AMATYC DataFest** – [Details here](#)
- **Wake Tech Community College Math Competition** – [Event details](#) (late March 2026)

Get Involved

In order to get students involved, we need **faculty involvement**. If you're interested in:

- Joining the **NCMATYC Competitive Mathematics Committee**
- Helping students participate in competitions

- Or even starting a **Math Club** on your campus

👉 Please contact me at shmcelvaney@waketech.edu.

I have been involved with the **Wake Tech North Campus Math Club for 14 years**, and I look forward to expanding opportunities for math students statewide through this committee.

NCMATYC Board Redesign Committee

Submitted by Lynne Yellin, Committee Chair, Durham Technical Community College

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I am honored to introduce myself as both a new member of NCMATYC and the chair of the newly formed **Board Redesign Committee**.

I joined **Durham Technical Community College** in August 2024, where I teach both developmental and gateway math courses, and became an NCMATYC member in the spring of 2025. Before coming to Durham Tech, I spent about 20 years working in the airline, banking, and health care industries and taught mathematics at two community colleges in western New York. Throughout my career, I've served on several nonprofit boards, and I am excited to bring that experience—and a fresh perspective—to this important initiative.



Why a Board Redesign?

The current NCMATYC board structure is modeled after AMATYC, with roles including President, President-Elect, Past President, Secretary, Treasurer, and Regional Vice Presidents. This structure has supported the organization's success for decades—fostering growth, hosting conferences and competitions, and creating strong professional connections across the state.

So why review it now? Simply put, **NCMATYC has grown and changed**. The Redesign Committee is taking a thoughtful look at whether the current structure still best serves our needs today. Areas under review include:

- Effectiveness of the board in achieving the **six purposes of NCMATYC** outlined in our constitution.
- Challenges and time commitments required of board members.
- **Equity of opportunity** for leadership across all regions and college sizes.
- Clarity and efficiency of the functions of each board role.

Our goal is to present both an **analysis of the current structure** and a **recommendation for possible improvements** to the Board at the **2026 NCMATYC Conference**.

Committee Work in Progress

To guide this process, the committee is:

- Reviewing the structures of other AMATYC affiliate boards.
- Interviewing current and past NCMATYC board members.
- Surveying the full membership (coming this fall!).
- Conducting a literature review on modern board structures and best practices.

A special thank you goes to our committee members—**Holly Bass, John Bennett, Amanda Klinger, and Luke Walsh**—for their dedication, expertise, and enthusiasm.

How You Can Get Involved

Your voice matters! Here's how you can participate:

- 📄 **Complete our survey** later this fall—your responses are essential.
- 💡 **Send ideas anytime**—email me directly with thoughts and suggestions.
- 🤝 **Join the committee**—our next meeting is **Friday, September 12 at 9:30 AM**. If you'd like to attend (or be involved even if you can't make that date), send me an email. We would love to have you join the conversation.

I welcome any questions and comments related to the Board Redesign Committee. Together, we can ensure that NCMATYC's board structure continues to support the growth, equity, and success of our great organization.

Developmental Education Committee Update

Submitted by Regina Price, Committee Chair, College of the Albemarle (Elizabeth City Campus)

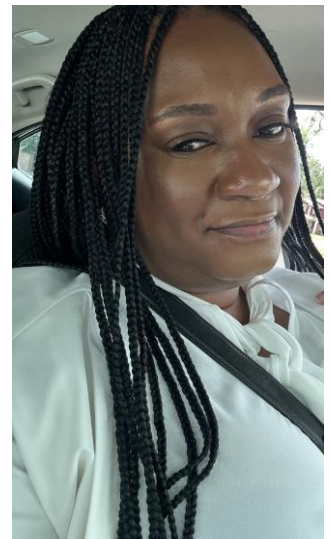
✉️ regina_price32@albemarle.edu

Hello everyone! My name is **Regina Price**, and I serve as the Chair of the NCMATYC **Developmental Education Committee**. I am also the Chair of Mathematics and Engineering at the College of the Albemarle, based on the Elizabeth City campus.

Developmental Education: New Changes for Fall 2025

As many of you know, **Developmental Education in North Carolina has been revamped once again**. Beginning this fall, all 58 community colleges are rolling out the **new and improved developmental courses** in both mathematics and English. Colleges now have the flexibility to choose from **three different models**:

- **Prerequisite**
- **Hybrid**
- **Corequisite**



I'm eager to hear how implementation is going at your colleges and to learn about the successes and challenges you're facing with these new courses.

Committee Goals

The Developmental Education Committee exists to:

- Provide a space for faculty to **share experiences** and insights with the new models.
- Explore **software options from different publishers**, evaluating what works best for students.
- Keep all faculty **informed of updates** and ensure that instructors across the state feel supported during this transition.

Whether your college was an early adopter or is just now beginning, your input is valuable. Together, we can help one another navigate these changes and support student success.

Upcoming Meeting

 **Wednesday, October 8, 2025**

 **2:00 PM**

 **Zoom Meeting:** [Click here to join](#)

If this time doesn't work with your schedule, please email me to suggest alternatives. I look forward to connecting with colleagues across the **Great 58** as we move forward together.

Board Perspectives From an Outgoing VP

Submitted by Nolan Outlaw, Eastern VP NCMATYC, Wake Technical Community College

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Are you interested in serving NCMATYC but not sure where to start? One of the best ways to get involved is by running for an elected position on the Board. As I finish my second two-year term as Eastern VP, I've been reflecting on my experience—and I can honestly say it has been both rewarding and transformative.

Serving on the Board comes with its share of challenges, but each one brings opportunities for growth, collaboration, and reflection. Our top priority is coordinating the annual conference. At first glance, that may sound straightforward—secure a host school, reserve a few rooms, and plan a social event. But the reality is much more complex and, ultimately, much more rewarding.

Behind the scenes, we work on everything from securing hotels, sponsors, and vendors to promoting the event across all 58 community colleges. We plan room layouts, decorate the main venue, design name badges, and ensure dietary needs are met for meals. Every detail matters because every detail contributes to the experience of our members.



Conference planning starts almost a year in advance—May of one year for the following March's event. The Board spends a few days onsite to launch the planning process, set a budget, and brainstorm a theme (often one of the most challenging parts!). From there, we meet monthly in the fall, biweekly in the spring, and weekly in the final stretch leading up to the big event. Yes, it's a lot of work—but it's meaningful work, and the dedication of this Board is what keeps NCMATYC thriving.

Beyond the conference, the Board also supports membership growth, oversees student math competitions, coordinates committees, and connects our community with updates from AMATYC. Serving here is a chance to influence the direction of math education in North Carolina and to be part of something that truly has statewide impact.

As I finish my fourth year in this role, I feel nothing but gratitude—for the opportunity to serve, for the dedication of my fellow Board members, and for the future leaders who will step forward to carry on this important work. If you're ready to make a difference and grow alongside a community of passionate educators, I encourage you to consider running for the Board. This year is an election year for NCMATYC, so do consider getting involved and growing along with our organization!

MINT: Freshening Connections Across NCMATYC

Submitted by Luke Walsh, Catawba Valley Community College

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At the 2025 NCMATYC Conference, Amanda Klinger and Luke Walsh highlighted one of the organization's most enduring strengths: the power of personal connection among mathematics educators. Their session, *Math Educators Unite*, tackled the challenge of isolation in teaching and demonstrated how short virtual meetups can foster ongoing support, collaboration, and inspiration.

Participants brainstormed potential discussion topics—ranging from teaching first-time courses to managing co-requisites—that could keep conversations flowing throughout the year. The idea struck a chord, sparking the creation of a new professional community.



In their first virtual gathering, members chose the name **Mathematics Instructors Networking Together (MINT)** to reflect their shared mission of connection. Members were paired by interests, with those commonalities shaping the focus of monthly meetups planned across the next year.

MINT topics have included:

- Workplace context and approach
- Student engagement strategies
- Project-based assessment
- Adventure, food, and global perspectives

- Teaching approaches in MAT 143, MAT 171, MAT 152
- Technology integration in the classroom

The wide variety of topics encourages “water cooler” style conversations—informal yet meaningful exchanges that remind us of the human side of teaching. While simple in structure, these connections can grow into lasting professional relationships.

By refreshing connections among NCMATYC members, MINT aims to not only strengthen individuals but also reinforce the community.

Contacts:

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Luke Walsh – lwalsh@cvcc.edu, Catawba Valley CC

Perkins Grant Awarded to CORD and NCMATYC

Submitted by Jay Martin, President Elect NCMATYC, Wake Tech Community College (retired)

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The Center for Occupational Research and Development (CORD) and the North Carolina Mathematical Association of Two-Year Colleges (NCMATYC) have been awarded Perkins funding from the North Carolina Community College System (NCCCS). This initiative will integrate real-world, workplace-based content into both gateway math and technical courses across the state.

The project addresses a long-standing challenge: the gap between how math is traditionally taught in classrooms and how it is applied in industry. By embedding authentic, employer-informed applications into instruction, the program will help students better grasp the relevance of math in their future careers while deepening their mastery of key concepts.



A demonstration project in Wake County has already shown promise. Math and CTE instructors collaborated to design and teach lessons rooted in authentic workplace scenarios, producing engaging, video-enhanced learning experiences aligned with NCMATYC’s recommended teaching practices.

The new initiative centers on three core components:

1. **Professional Development** – Seven pairs of math and CTE faculty from NCCCS colleges, each partnered with a local employer, will receive training on contextual teaching practices using industry-based math applications.
2. **Classroom Implementation** – Faculty will use existing, standards-aligned, interactive math lessons in MAT 110, MAT 143, and MAT 152, while also reinforcing essential math skills in CTE courses.
3. **Lesson Development** – Faculty will create new math-in-CTE lessons tailored to local workforce needs, building on the contextualized approach tested in the demonstration project.

This CTE-in-Math project will help students clear one of the biggest hurdles to completing credentials and earning an Associate of Applied Science (AAS) degree: entry-level math courses. The initiative strongly supports the statewide **My Future NC** goal of increasing educational attainment, while also aligning with the mission of the **North Carolina Network for Excellence in Teaching (NC-NET)**, which provides professional development and faculty-created resources across NCCCS.

All lessons—both existing and newly developed—will be made available through the NC-NET website (nc-net.info). Lessons will follow the NCTM “Launch, Explore, Discuss” pedagogy and build on work from the NSF ATE–funded **Connecting Industry to Mathematics Instruction (CIMI)** project, which created industry-inspired lessons for NC Math 4, MAT 110, and MAT 121. (These lessons are available at *CIMI Program Student Activities | Wake Tech*.)

This year, seven colleges—Catawba Valley, Randolph, Wilson, Wayne, Johnston, Stanly, and Gaston—are creating and piloting new lessons. Results will be shared at the spring NCMATYC conference. With success, the initiative may expand in the coming year to include MAT 171, MAT 121, and MAT 112.

Winter Issue Request for Articles

To submit articles for the Winter Issue of The Great 58 Connection Newsletter, please send your article to Jay Martin at jamesemartin59@gmail.com no later than October 31, 2025.