

THE GREAT 58 CONNECTION

NORTH CAROLINA MATHEMATICS
ASSOCIATION OF TWO-YEAR COLLEGES

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Winter 2025 Newsletter

This Winter Newsletter highlights our 2026 conference, the new proposed K-12 NC Math Standards, our NCMATYC committee updates, our upcoming NCMATYC elections, and a few special interest articles. The conference and election articles we hope will propel you into action to consider submitting a presentation and even running for a position on the 2026-2027 NCMATYC Board!

NCMATYC Conference 2026 - hosted by Cape Fear Community College

Submitted by Caroline Greenough, Cape Fear Community College

 cwgreenough984@mail.cfcc.edu

Are you ready to MARCH into 2026 and attend an A-WAVING conference for NCMATYC?!

- **Theme for NCMATYC 2026:** *Waves of Change: Surfing the Currents of Mathematical Discovery.*
- **Wednesday March 4 - Social sponsored by Pearson** at the **Azalea Station**, 1502 Castle St. Come join us for drinks, food and a first hand look at a business made out of shipping containers, AWESOME!! (www.azaleastation.com)
- **Thursday March 5 - Dinner sponsored by McGraw Hill** at **Jungle Rapids**, 5320 Oleander Dr. Skee-Ball anyone? Join the fun with arcade games, indoor laser tag, outside mini golf, go-karts and MUCH more! Drinks and buffet dinner will be served. (www.junglerapids.com)



● **Hotel information: *Hampton Inn***, 225 Grace St., Wilmington, NC 28401 [Website](#)

- Rooms will be blocked for our conference attendees.
- Walking distance to CFCC campus - Union Station
- Other hotels in the downtown area, if needed
 - Courtyard by Marriott, 229 N 2nd St [Website](#)
 - Aloft Wilmington, 501 Nutt St [Website](#)
 - Best Western Plus, 503 Nutt St [Website](#)
 - Many, many Airbnb's [Vrbo](#)

● **Donations to CFCC Ray's Trays** - Donate goods or non-perishable food items to the CFCC food pantry. This service provides food and hygiene products to students and it operates year-round to help alleviate food insecurity within the college community.

Looking for something to do after the conference or over the weekend in Wilmington?

● **Attractions in the Port City**

- Broadway production *Mama Mia!* at the [Wilson Center](#)
- [Riverboat Tours](#)
- [NC Aquarium](#) - Fort Fisher
- [Battleship](#) - USS North Carolina
- Escape Rooms
 - [Green Light Escape Room](#)
 - [The Exit Games](#)
 - [Game Over Escape Room](#)
 - [iEscape Rooms](#)
- More information and places to visit: [Wilmington and Beaches](#)



NCMATYC Conference 2026 Speaker Proposal and Registration Links

Registration is officially open!

Register during our **Early Bird period** to receive a 2026 conference t-shirt, available only to early registrants. Early Bird registration closes on **Friday, February 1st**, so don't miss out! Online registration will remain open until **Thursday, February 26th**, and you can also register in person at the conference.

[CONFERENCE REGISTRATION LINK](#)

CALL FOR PRESENTERS!

We want *you* to present at the 2026 NCMATYC Conference! Share your expertise and passion by submitting a presentation proposal. Presentations can be a full 50-minute session or a 20-minute mini-presentation. Proposals submitted by **Friday, December 12th** will receive priority consideration. The final deadline for proposals is **Friday, January 23rd**.

[PRESENTATION PROPOSAL LINK](#)

To see more conference details and NCMATYC information, please visit our website at [NCMATYC](#) .

Update on North Carolina's K–12 Math Standards Revision

*Submitted by **Dr. Charles Aiken**, NCDPI Section Chief for Math, Science, and STEM*

 [*Charles.aiken@dpi.nc.gov*](mailto:Charles.aiken@dpi.nc.gov)

In February 2022, the NC State Board of Education adopted new internal procedures for reviewing and revising all K–12 content standards. In October 2025, these procedures were updated, and the Board officially launched the revision of the K–12 Mathematics Standards. Because these standards shape the preparation of our incoming community college students, the work has important implications for our system.

The review phase began with a 16-month study of the current standards, national trends, and student achievement data. Surveys, interviews, and focus groups captured feedback from teachers, students, and families. A statewide Data Review Committee analyzed the feedback and identified key concerns: limited clarity in how standards progress from grade to grade, a sense that the required content is too broad, and a need for stronger connections between foundational math skills and real-world applications.

Stakeholders consistently asked whether the current high school math sequence—NC Math 1, 2, and 3, plus a fourth credit—meets the needs of *all* graduates. The committee reported that while individual standards were often viewed positively, the overall structure was hard to navigate and did not always help students see the relevance of math to future careers.

In April 2025, the State Board approved the move into the revision phase. A 48-member writing team was assembled, representing K–12, universities, and community colleges. Their charge: revise the standards and propose course options that better reflect student goals and pathways after high school. This work is informed in part by North Carolina’s participation in the national **Launch Years Initiative**, which seeks to align high school math with college and career pathways—including community college programs.

Key Draft 1 Recommendations

- Maintain the expectation that all students complete four high-school math credits.
- Revise NC Math 1 and Math 2 to focus more sharply on essential skills all students need.
- Restructure higher-level course options by replacing NC Math 3 and Math 4 with two new pathway-friendly courses:
 - **Applied Statistics and Data Science**
 - **Mathematical and Statistical Modeling**
- Update and rename Discrete Math for Computer Science as **Applied Logic and Reasoning**.
- Expand the role of statistics, data science, and applied mathematics across high school.
- Strengthen vertical alignment and create clearer domains—including a dedicated data and statistics domain.
- Streamline Precalculus by adopting the new AP Precalculus framework statewide.

These changes would allow students to select rigorous math courses aligned with their interests—such as engineering, cybersecurity, business, or workforce entry—while still enabling traditional calculus pathways. Most proposed upper-level courses would require only NC Math 2 as a prerequisite, giving students more flexibility.

Timeline and Next Steps

Three full drafts of the standards will be developed through the 2025–2026 school year. The State Board of Education is expected to consider the final draft no earlier than September 2026. If adopted, a two-year installation phase would follow, meaning the new standards would take effect in the **2028–2029 school year**.

How Community College Faculty Can Participate

Because these changes directly affect the preparation of our future students—and the math pathways feeding into community college programs—NCDPI is seeking feedback from all stakeholders, including community college faculty.

To review any grade level or course and provide input, please use the link below:

All-Stakeholder Survey for Draft 1 of the Proposed NC K–12 Math Standards

<https://go.ncdpi.gov/4cpvx>

Questions may be directed to **Dr. Charles Aiken**, NCDPI Section Chief for Math, Science, and STEM.

Reflections from an NCMATYC Board Member

Submitted by **Laurie Keatts**, Catawba Valley Community College

 lkeatts@cvcc.edu

It's hard to believe that I am wrapping up my *sixth year* on the NCMATYC Board. I served two terms as the Western Vice President and am currently the acting Past President. You probably know me best as The T-Shirt Girl from the conferences.



Discovering NCMATYC

I was first introduced to NCMATYC by a colleague of mine at Catawba Valley Community College. We attended the 2017 conference together with several other CVCC faculty. From there, I was hooked. NCMATYC was a marvel to me – individuals across the state of North Carolina who were passionate about mathematics and wanting to make a difference in students' lives. There was so much to take away from this initial gathering: tools to use in my classroom, perspectives I had never considered, and newly-formed friendships. This was definitely an organization I wanted to belong to!

In addition, being part of NCMATYC led me to have greater involvement with AMATYC. I have attended six AMATYC conferences across the country and am a proud alum of Project ACCCESS (Cohort 14). I was the Southeastern Representative of the AMATYC Equity Committee from 2018 – 2020, and I even won the Leila and Simon Peskoff Award in 2022. This came with a lifetime membership to AMATYC!

Serving on the NCMATYC Board

Serving on the NCMATYC Board has been super fulfilling. While it's hard work, especially when conference time is approaching, it's a great feeling to know that I am contributing to such an amazing organization. Some of my main tasks as a Board member include attending regular Board meetings, a yearly summer Board retreat where the upcoming conference will take place, and conference planning. I also organize the travels grants for both NCMATYC and AMATYC. In a couple of weeks, I'll be sending out a Call for Nominations for new Board Members.

Why You Should Join the NCMATYC Board

Please consider running for office! It takes many people to keep our organization strong, and North Carolina has one of the best AMATYC affiliates in the country. We support students by offering scholarships and coordinating the Student Math League Competition. We support NCMATYC members by providing networking opportunities as well as travel grants. And back to our conferences – well, let's just admit it. They're awesome.

There are currently eight Board positions – Western Vice President, Central Vice President, Eastern Vice President, Treasurer, Secretary, President Elect, President, and Past President. All terms are two years with an option to run for a second term. The exception is the trifecta of President Elect / President / Past President which is a 6-year commitment. If anyone is interested in learning more or wants to discuss further, please reach out to me at lkeatts@cvcc.edu. I can't wait to see you in March for Waves of Change!

NCMATYC–NCCCS Advisory Committee Update

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

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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.



Our committee's recent goals:

1. To address class modality definition of Hyflex.
2. To find a point of contact at the system office.
3. To ascertain if NCMATYC could offer input BEFORE the system office makes changes.
4. Does NCMATYC have a stance on proctoring (or lack thereof) for online classes?

Suggestions from the committee

- Our committee has met three (3) times this year. We had a lot of great input from faculty members on how to improve Hyflex. Overall, we did not think the problem was the definition of Hyflex.

"Hybrid Flexible (HyFlex)" – A multi-modal instructional delivery method where the college has the option to deliver the online portion of a curriculum course synchronously, asynchronously, or both as long as 100% of the instruction is offered face to face with the instructor in a physical classroom. Students may choose to attend the regularly scheduled in-person session or the online option on a session-by-session basis.

- I. The general consensus is that we need to **advocate for better technology** in the classrooms. Having the opportunity to teach the seated students while simultaneously allowing students to enter the classroom virtually where they can also participate in the instruction synchronously.
- II. Another big point of contention is the 8-week Hyflex model. This model presents huge challenges to scheduling, not only for faculty, but also for students. Is it possible to advocate for some **flexibility** on this 100% face-to-face requirement in the 8-week model? Could some of this be moved to asynchronous instruction for the 8-week model?

- We now have a point of contact at the system office. Her name is **Ashley S. Parrot**
 - parrotta@nccommunitycolleges.edu
- Could NCMATYC have some input on placement for curriculum and developmental courses before changes are implemented?
 - There is a lot of concern that Mat 035 in its current format is too much for students. This is especially true for those colleges utilizing the 8-week format. We would like to advocate for the class to be 4 contact hours rather than 3. Giving the students more time to be successful in the course would be very beneficial.
 - Currently, students have the option to take Mat 025 or Mat 035 in any order. But students with very low GPAs who are taking the Mat 035 first are performing poorly. Is there a way to mandate that the students with low GPAs (less than 2.4) take Mat 025 first or take a placement test before taking Mat 035?
- Online Proctoring (or lack thereof)
 - The lack of proctoring in online classes at community colleges across North Carolina has become a point of contention. We would like to get input from other community college faculty on this issue. Has it been discussed or considered in the past?

We plan to continue these discussions and considerations in the spring and hope you can share your opinions when we meet at the spring conference!

NCMATYC - State Legislative Advocacy Committee

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

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As we approach the end of the year, I want to provide a brief update on the status of the State Legislative Advocacy Committee, recent developments, and plans as we look ahead to Spring 2026.

Committee Update

Given recent developments in the General Assembly, the committee is **temporarily pausing for the remainder of the year**. Our next meeting is tentatively planned for **February** (see details below), where we will regroup, review any new legislative movement, and prepare for an information session at the **NCMATYC Conference at Cape Fear Community College**.

Our goal at the conference is to present updates on any current policy, highlight areas of concern, and build additional interest and involvement in the committee's efforts. I will continue to share any important developments that occur in late November or December.



State Budget News

There has been significant uncertainty surrounding the state budget over the past few months. The House and Senate have not reached a final agreement on the comprehensive budget. According to House Speaker Hall and other representatives, **it is highly unlikely that an agreement will come this year**, and both chambers are expected to hold only brief skeletal sessions in November and December. Senate leader Phil Berger has stated that state employee raises will only be included as part of a full budget agreement, not as a standalone measure. Major points of disagreement in the ongoing negotiations include scheduled income tax cuts, Medicaid funding allocations, and funding considerations related to the new Children's Hospital in Apex.

Looking Ahead

Thank you to everyone who has expressed interest and support as we build momentum for this committee. **If you would like to join the committee's contact list or participate in the February meeting, please fill out the following interest form: [Register Here](#).**

Tentative Date: Thursday, February 5th

Time: 3:00 PM – 4:00 PM

Location: Virtual (link to be shared by email in January).

NCMATYC Competitive Mathematics Committee

Submitted by Zac Beckstrom, Durham Technical Community College

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The 14th annual NCMATYC Mathematics Competition was held on Saturday, November 1st, 2025, at Wake Technical Community College – South Campus. Students from seven community colleges in North Carolina (nine distinct campuses) competed in a morning calculus exam and an afternoon team competition.

There were some exciting highlights during the afternoon's team competition. With two rounds left to go, Forsyth Tech Team 2, Wake Tech - North, and Durham Tech Team 1 were battling for first place. At the end, a tiebreaker was announced between Wake Tech - North and Durham Tech Team 1. Both teams were given 10 minutes to solve a final problem. With around two minutes to go, Durham Tech turned in their solution about three seconds before Wake Tech - North, and both teams solved it correctly.

The overall winner of the afternoon team competition was Durham Tech Team 1, consisting of students Salvador Colopy, Graham Kingston, Clark Beckstrom, and Roderick Salbus-Pollard.



For the morning calculus test, William Hickman of Wake Tech – North came in first, Xalvador Colopy of Durham Tech came in second, Sam Sanford of Wake Tech – South came in third, and Bella Yuan of Forsythe Tech came in fourth.

The overall winner with 111 points was Durham Tech. The second-place winner with 109 points was Wake Tech – North, and the third-place winner with 107 points was Forsyth Tech.

Other Competition Opportunities

In addition, students may also participate in:

- **AMATYC Student Research League** – [Details here](#)
- **AMATYC DataFest** – [Details here](#)



NCMATYC Board Redesign Committee

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

 yellinl@durhamtech.edu



In the last newsletter, we introduced the new, ad-hoc Board Redesign Committee, formed this past summer. Our primary purpose is to assess if the current board structure of President, President Elect, Past President, Secretary, Treasurer, and Regional VPs best matches the current needs of the organization, with a goal to present an analysis of the current board structure and a recommendation of a possible new board structure to the current board at the 2026 conference. More details regarding our goals and the steps we are taking towards these goals can be found in the last newsletter.

This month we would like to share with you our progress and next steps.

Phase I: Conduct a review of other board structures and best practices: Status - completed.

Phase II: Interview current/past NCMATYC Board Members. Status - completed.

Details of Phase II Interviews:

To better understand the experiences of our dedicated NCMATYC Board members and explore ideas for the future, the NCMATYC Board Redesign Committee conducted a series of interviews with current and past leaders. This initiative aimed to gather valuable perspectives on their involvement, the effectiveness of our current organizational structure, and potential redesigns.

The interview process involved a set of thoughtful questions covering several key areas:

- **Sharing Your NCMATYC Story:** We asked board members about their journey with NCMATYC, including how and why they got involved, their board positions and tenures, nomination processes, and their specific responsibilities. We also explored how their schools supported their roles and whether their responsibilities aligned with the by-laws. A crucial question addressed their views on term lengths, asking if they felt their terms were "too short," "just right," or "too long," and why. Finally, we discussed the major accomplishments of the board during their tenure.
- **Reflecting on the Current Executive Board:** We delved into the current structure, which includes the President Elect, President, Past President, Treasurer, Secretary, and Regional Vice Presidents. Interviewees were asked to consider the strengths and weaknesses of this model, its effectiveness in achieving goals, and the equity of the leadership structure, taking into account factors like school size, location, and various privileges.

- **Imagining the Future Executive Board:** Looking ahead, we encouraged board members to envision a redesigned NCMATYC Board. This included recommending new positions and explaining how these changes would contribute to a better, stronger organization.

These interviews provide a valuable foundation as we continue to evolve and strengthen NCMATYC for the future. **We extend our sincere gratitude to all the board members who shared their time and insights.**

Phase III: Interview non-board members. Status: In progress!

Details of Phase III Interviews:

The Board Redesign Committee seeks to send out a survey to all non-board members who are eligible for membership in NCMATYC (both current members and non-members) to learn about how well NCMATYC functions in different capacities, which of those capacities are important to our contingency, and to explore equity of opportunity for leadership in NCMATYC.

We are working to get these surveys out to you, our membership, in the coming weeks. We greatly appreciate your time in responding as your input will be invaluable as we put together our final recommendations. **Please be on the lookout for your survey!**

I would like to thank the current Board Redesign Committee members Holly Bass, John Bennett, Amanda Klinger, and Luke Walsh. Your continued dedication, enthusiasm, and prior work on these topics is invaluable.

Would you like to help and get involved? You can! Ways to help include:

- Look for a survey to come out later this year. Your responses to this survey are key!
- Have more ideas, or can't wait for the survey? Send your thoughts and ideas to me via email.
- Want greater involvement? Want to join our committee? Our next meeting is November 21st at 11:00am. Send me an email if you would like to join the conversation. Even if you can't make that meeting, let me know if you are interested in helping out. We would love to have you!

All correspondence related to this committee can be sent directly to my email at yellinl@durhamtech.edu. I look forward to hearing from you!

AMATYC Conference Highlights – Reno, NV

NCMATYC was well represented at the 2025 AMATYC Conference held this past November in Reno, Nevada. NCMATYC awarded travel grants for two NCMATYC members to attend the national meeting. This is an annual award, so you should consider applying next year for the Philadelphia AMATYC Conference.

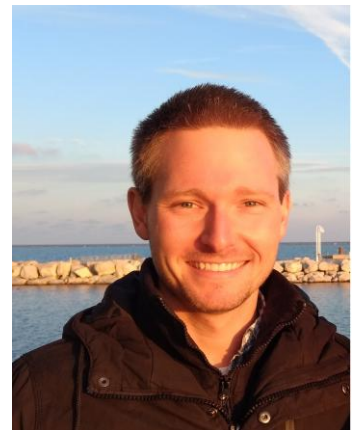


Nolan Outlaw not only attended AMATYC but served his first year on the AMATYC Conference Committee. In this capacity, Nolan learned of the openings available in Project ACCCESS and shares his perspective below.

 nloutlaw@waketech.edu

While I was at this year's AMATYC conference, I was reminded about what really sparked my interest in getting involved in the math community outside of my college, and that was Project ACCCESS. ACCCESS stands for Advancing Community College Careers: Education, Scholarship, and Service. I was in Cohort 15 of Project ACCCESS, and through this program I met many wonderful people who are now leaders at their colleges, within their state affiliate organizations (including NCMATYC), and within AMATYC. This program provides many unique opportunities for its participants, and if you are new to community college teaching (or know someone who is), I encourage you to consider applying (or encouraging them to apply).

Project ACCCESS is a cohort-based program that provides fellows with the opportunity to travel to two annual AMATYC conferences. During Conference #1, the incoming cohort has an intensive collection of sessions organized by the Program Coordinator that are designed just for them. These



are separate from the general conference sessions and are exclusively for Project ACCESS fellows. In the time between Conference #1 and Conference #2, fellows, with the support of an AMATYC-assigned mentor, complete a research project on a topic they are interested in. Then, at Conference #2, they present their work in a session at the conference.

This is a broad overview, and Project ACCESS offers far more than simply attending the conference and presenting a session. You'll be able to network, engage with other faculty, and complete a research project—all while showcasing your work at a national conference.

If you are new to community college teaching, I encourage you to consider applying to Project ACCESS. If you are in a leadership position, I encourage you to share this opportunity with new faculty at your college. For each fellow, AMATYC also offers financial support to help you attend the conference! To learn more about Project ACCESS, please use the link below.

Program Webpage: <https://www.amatyc.org/professional-development/project-access/apa-general-information/>

Dustin King, mathematics department chair at Catawba Valley CC, attended AMATYC and presented a session.

 dking250@cvcc.edu

Dustin's session was titled **"AI Powered Solutions for Equitable Math Tutoring."** The focus was on how AI can expand access by removing barriers tied to cost, time, and availability. The main message was that AI can offer personalized, scalable support that helps create more equitable learning opportunities for all math students.

I also ran a poll during the session asking attendees how they feel about using tools like ChatGPT or Copilot in their classrooms.

Here are the national results:

- 50 percent – "Not yet, but my students probably are."
- 36 percent – "I am giving it a try. Sometimes it works."
- 9 percent – "Absolutely! My AI and I pretty much co-teach."
- 3 percent – "No way, that is cheating."



Where **do you** fit in this poll as we continue learning how AI can support our teaching? I attended several additional sessions focused on AI, active learning, and authentic assessments.

Luke Walsh is known for his Ignite presentations! If you ever get the chance to go to Ignite at AMATYC, you will certainly see Luke Walsh as one of the Ignite Presenters. Ever since this SHOW started at AMATYC in Jacksonville, Luke has been a performer!



Perkins Grant Update – CORD and NCMATYC Collaboration

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

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NCMATYC and CORD (Center for Occupational Research and Development) are partnering to lead the Perkins-funded project “**Math in CTE.**” The goal of this initiative is to contextualize entry-level math courses across North Carolina by integrating authentic workplace applications. This year’s focus is on **MAT 110, MAT 143, and MAT 152**. Six community colleges are developing and piloting lessons that incorporate real industry tasks into their coursework.

Throughout the fall, math and CTE instructors at these colleges have been collaborating with local industry partners to design CIMI-inspired lessons that highlight how mathematics is used in actual jobs within their communities.

Professional relationships between math and CTE faculty and industry partners are being established from the meetings and site visits that have been occurring. In September, participating faculty attended a two-day workshop at Camp Caraway to explore CIMI lesson design and to begin planning new lessons in partnership with local companies.



This fall, both math and CTE faculty are implementing one existing CIMI lesson and one newly created lesson in their classes. They are also planning to integrate **three** industry-inspired lessons during the spring semester.

Below is the list of participating colleges, the math courses they are impacting, their industry partners, and the lesson contexts currently under development:

Collaborating College	Industry Partner	Lesson Context
Wilson CC (MAT 152)	CMP Pharma	Biopharmaceutical Production Data
Wayne CC (MAT 110)	Franklin Bakery Co.	Hot Dog Roll Large-Scale Production Analysis
Catawba Valley CC (MAT 143)	Johnny on the Spot Heating & Air	HVAC System Designs to Meet Air Exchange Requirements
Randolph CC (MAT 152)	Randolph DSS	Analysis of Demographic Data
Gaston CC (MAT 152)	Terracon Engineering	Statistics of Concrete Testing for Construction Sites
Stanly CC (MAT 143)	Advocate Health	Respiratory Therapy – Calculating Ventilator Settings

As this work continues, the project team looks forward to gathering feedback from instructors and students, refining lessons, disseminating their lessons and experiences, and expanding partnerships across the state. By connecting classroom math to real workplace applications, “Math in CTE” aims to strengthen student engagement and better prepare learners for North Carolina’s evolving workforce.

The two pictures below were taken at our fall workshop and at the site visit at Franklin Bakery Company, the Industry partner of Wayne Community College.



START Students Present Research at 2025 NCMATYC SConference

Submitted by Carrie Hoffman, Wake Technical Community College

 cehoffman@waketech.edu

Wake Tech Community College's National Science Foundation grant funded START (STEM Academic Research and Training) program offers undergraduate students the opportunity to engage in semester-long research projects guided by faculty and industry mentors. During the 2024–2025 academic year, Math faculty members Wendy Johnson and Jacqui Haddow-Green mentored students on collaborative projects with professionals from Raleigh's Department of Transportation (DOT). These partnerships provided students with hands-on experience applying mathematical concepts to real-world transportation challenges.



At the 2025 NCMATYC Conference, Wake Tech faculty and students presented on their research. Faculty mentors discussed their experiences guiding student-led research projects and highlighted the importance of exposing community college students to real-world industry applications of the mathematics they study. Students shared details of their projects, including collaboration with professionals from Raleigh's DOT.

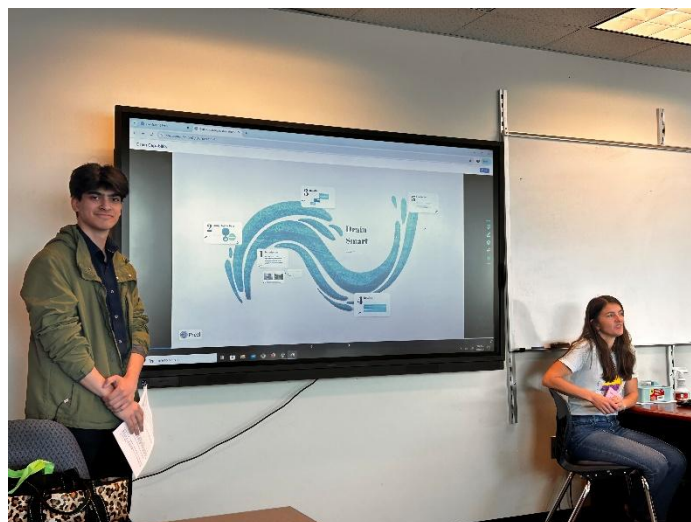
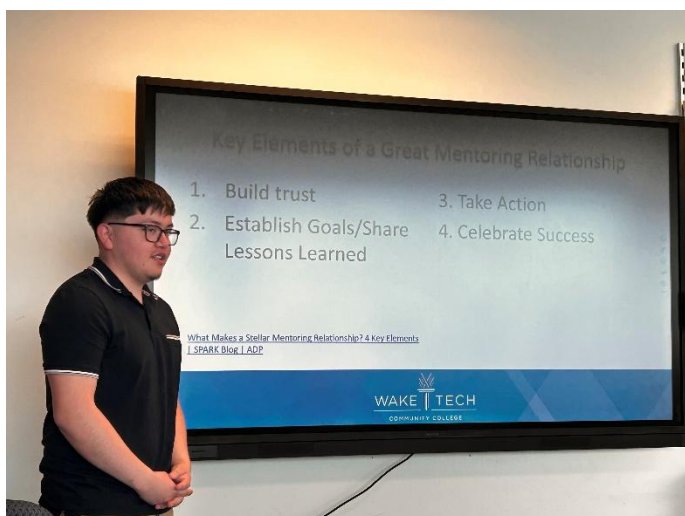
These projects involved collecting and analyzing actual positional data for a roadway identified for redesign. It offered these students a unique opportunity to apply mathematical concepts while highlighting the impacts of mathematical modeling and data driven decision making in the field of civil engineering.

WTCC START student Jose Alonso-Roblero presented his research on determining a safe operating speed for a curved roadway segment. His project involved using 3D imaging glasses and specialized software to collect precise location data. Jose then analyzed the data and calculated the superelevation and radius of curvature of the road—key factors used to determine a recommended speed limit based on industry standard guidelines.

Zaryab Chanda also presented his research conducted through the START program. His project focused on the methodology used by Raleigh's DOT to determine the optimal number of drainage inlets required along a roadway to efficiently manage runoff and prevent flooding. Zaryab explained how effective drainage design enhances safety by reducing hydroplaning risks and keeping roads open during heavy rain and extends the lifespan of roadways by minimizing damage caused by standing water.

This was an awesome experience for these two students! I would highly recommend if YOU have students do extensive projects or undergraduate research to present at our NCMATYC conference at Cape Fear CC!

The two pictures below were taken at our 2025 NCMATYC Conference.



SOCAMATYC 2026 Conference Invite

Greetings from the SC Mathematical Association of Two-Year Colleges (SOCAMATYC). Our annual conference will be February 27, 2026 - February 28, 2026 at the Tri-County Technical College Campus, 7900 US-76, Pendleton, SC 29670.

Our Conference Theme this year is: “All In On Math: The Smart Bet For Every Career.”

Conference Registration Link: <https://forms.gle/yxdwrryeq5UtyBuD8>

Once you register for the conference, our treasurer will send you an invoice for payment.

You can use the link below to reserve a room at the hotel. No payment needed. Reserve with a card on file. Special Rate ends January 27, 2025.

Hotel Reservation Link: <https://group.hiltongardeninn.com/31kzgr>

Hilton Garden Inn - Anderson

[115 Destination Boulevard, Anderson, SC 29621](#)

Group code: SOCAMA

King Bed or King Suite both at \$134 includes Breakfast for 1 person. If you do not see availability online, you can call the hotel directly at 864-964-0100 or email President Jennifer Aull at jenniferwaull@midlandstech.edu. Thank you.

We look forward to seeing you there! Also, if you would like, you can check out our new website over at <https://sites.google.com/view/socamatyc1/home>.

Spring Issue Request for Articles

To submit articles for the Spring Issue of The Great 58 Connection Newsletter, please send your article to Jay Martin at jamesemartin59@gmail.com no later than March 15, 2026. This deadline follows our NCMATYC conference and I would welcome articles highlighting your conference experiences!