



NCMATYC NEWS

Fall 2011

www.ncmatyc.matyc.org

The President's Message by Nancy Rivers, Wake Technical CC



Have you started your Holiday preparations? Personally, I have barely begun mine. How can a season that should be so joyful become so stressful? I know the end of the semester carries with it a large amount of stress – the grading crunch of those last unit tests, possibly projects and very quickly final exams, grade and attendance reports, institutional effectiveness data gathering, etc. I hope that each of you will find time this month to relax and truly enjoy the holidays.

Plans are well underway for our spring conference which will be held March 15 and 16 at the downtown campus of Cape Fear Community College in Wilmington. This newsletter contains information about the conference, the presenter application, and the registration form. It also includes the NCMATYC Travel Award application. See the article in this newsletter that tells you about this wonderful opportunity. These forms are also available on our website www.ncmatyc.matyc.org.

I would encourage you to get your presenter forms in early. The sooner we get these forms, the sooner we can put together a first draft of the program and get it posted on the website. We are aware that many schools only approve funding after the value of the conference is demonstrated through the program. So, please, help us out and get those presenter forms in quickly.

NCMATYC is continuing its involvement in the developmental math redesign currently under way in our state. We are attempting to keep you informed of developments in this area through postings to our website and articles in our newsletter.

For years we have provided a table at our conferences to the North Carolina Community College Faculty Association. They reciprocated this year at their conference, providing us with a table at which your board members promoted our organization. We developed an informational brochure about our organization and made available membership, conference presenter, conference registration and travel

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The NCMATYC NEWS is an official publication of the North Carolina Mathematics Association of Two-Year Colleges. Articles for publication and comments should be submitted electronically to dzemanek@email.pittcc.edu. The deadline for the spring issue is April 15, 2012.

The President's Message

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award forms. Perhaps some of you stopped by and enjoyed some chocolate with us. Candy is a great draw!

Our second Calculus Competition was a great success. See the article in this newsletter for a report from the competition. The students from Wake Tech seemed to really enjoy the competition. Please, consider participating in this competition next year. As plans are formulated we will post them on the website and include them in future newsletters.

North Carolina had a strong showing at the AMATYC Conference in November in Austin, TX. The Saturday Awards Breakfast Keynote Speaker was Terri Manning, Associate Vice President for Institutional Research and the Assistant to the Executive Vice President at Central Piedmont CC in Charlotte. Dr. Manning spoke on "The Millennial Generation: The Next Generation in College Enrollment". What she had to say about the different characteristics of the various generations around today really shed light on the behavior we see from our students. Conference attendees from North Carolina were involved in approximately 10 sessions. We also had three instructors from North Carolina accepted into the new cohort of ACCCESS fellows. You can learn more about ACCCESS in this newsletter. Other articles will tell you more about the AMATYC Conference.

The next big thing on our horizon... elections for the 2012 – 2014 NCMATYC board. We are looking for people interested in improving our organization who would like to run for office. Feel free to contact your current board and ask us about our experiences. I have found it exciting, inspiring and definitely worth my time. If you would be willing to serve as an officer, please contact Suzanne Williams, past-president, the chairperson of our nominating committee.

As you can see, there is a lot of good work being done. Remember that the strength of NCMATYC is directly proportional to the level of involvement of its members. We have two committees and campus reps. We need presenters at the conference, people to serve as officers, and people to contribute to our newsletter. Therefore, I urge you to find a way to plug in and get involved. If you have ideas for additional avenues of involvement, please share them with a board member.

I hope to see each of you at our Spring Conference!

2012 NCMATYC Conference by Valerie Melvin, Secretary, Cape Fear CC



Cape Fear Community College will be hosting the annual NCMATYC conference on March 15-16, 2012 at our downtown campus in Historic Wilmington. CFCC is convenient to the Atlantic Ocean, Wrightsville Beach, and only a few miles from Fort Fisher Aquarium. Downtown Wilmington is only minutes away from the USS NC Battleship. The Cape Fear Museum has a great discovery gallery of our hometown hero Michael Jordan and the Cotton Exchange has wonderful gift shops, restaurants and a Walk of Fame honoring locals such as David Brinkley, Charlie Daniels, Althea Gibson, and Roman Gabriel. You may also want to take a stroll down a mile long boardwalk along the Cape Fear River and enjoy shopping, dining, and site seeing. After hours, enjoy a cruise on the Henrietta Riverboat, see a show at Thalian Hall, or partake in one of many downtown ghost tours. Wilmington is home to beautiful Airlie Gardens; and, since 1984 has become a major center of American television and film production including the filming of "Iron Man 3" this spring.

Cape Fear Community College is grateful for the opportunity to host NCMATYC and we encourage you to take advantage of all Wilmington has to offer. We look forward to seeing you in March!

Site Coordinators: Caroline Greenough and Shannon Gunter

2012 NCMATYC Conference News

by Ann S. DeBoever, President-Elect, Catawba Valley CC

This is a reminder to put the 2012 NCMATYC Conference on your calendar so it will not be forgotten! The conference will be held at Cape Fear Community College in Wilmington on March 15 and 16, 2012. We are excited that we will be headed back to the beach!

The registration form can be found on the NCMATYC website as well as in this newsletter. If you plan to attend the conference, please submit your registration form and payment to John Bakken by February 25, 2012.

The NCMATYC Conference is considered by many to be one of the best state conferences in the nation. It is a high-caliber conference because the members of NCMATYC come together to share their expertise and knowledge. We need your continued support at the 2012 conference. Please consider giving a presentation at our upcoming conference. We are looking for presentations in the following areas:

- Developmental mathematics (including information on Redesign)
- Effective Teaching and Learning
- Emerging technologies (computers, calculators, cameras, podcasting, Smart Boards and other presentation technologies)
- Distance education/Web-assisted instruction/ Multimedia
- Assessment of course outcomes
- Methods of engaging students
- Any ideas you would like to share that will make us better instructors

If you would like to present at the 2012 conference, please submit the presenters form to Ann DeBoever by January 17, 2012. The form can be found in this newsletter and on the NCMATYC website.

Thanks for all you do for our NC Community College students and for NCMATYC. I look forward to seeing you in Wilmington!

Travel Assistance for 2012 NCMATYC Conference - Applications due January 15, 2012

by Suzanne Williams, Past-President, Central Piedmont CC

Cape Fear County Community College will host the NCMATYC annual Spring Conference. The NCMATYC board has been diligent in our continuing effort to improve the conference each year, keeping it as both a valuable professional development opportunity as well as a great value for the dollars spent! Once again, funding is scarce and we know many schools are struggling to provide travel expenses.

In order to enlarge our membership and to offer an opportunity to all community college math instructors in the state, we created NCMATYC Travel Grants. Applicants for the grant must be NCMATYC members. Preference will be given to applicants who have not attended NCMATYC previously and to applicants from schools that have historically been underrepresented at the conference. We will award up to \$250 to each of 3 grantees. These funds are to defray expenses for attending the conference, including mileage, meals, lodging, and registration. The application deadline is January 15, 2012.

You will find an application form in this newsletter as well as at the NCMATYC web site. If you are not currently a member, it is not too late to join before applying. In fact, you can send your membership form and dues in with your application, if you choose. The selected applicants will be notified during the week of January 24, 2011.

Seeds of Math Enrichment: Got S.O.M.E? by Luke Walsh, Catawba Valley CC

Each day on the campuses of the 58 community colleges of North Carolina, plenty of extra-curricular activities take place. Athletics, literary speakers, and multicultural events are just a few opportunities where students can participate. However, besides the occasional math club, one area of participation that appears to be missing is mathematics. Maybe this is on purpose, because let's face the truth: "Who wants to participate in mathematics outside of the classroom?" Even though the answer may appear obvious, the faculty, staff, and students of Catawba Valley Community College (CVCC) are attempting to change the usual answer of, "Nobody but math geeks."

CVCC created a lecture series entitled *Seeds of Math Enrichment: Got S.O.M.E.?* in order to begin involving community, staff, faculty, and students in mathematics. The time of the lectures is pi o'clock (3:14 p.m.) and each one occurs on the third Thursday of the month. Finance was chosen for the initial theme for the fall semester 2011 since most everyone deals with money daily on a first-hand basis. Another contributing factor for this choice was the fact that President Scott Rawls, along with community leaders, have discussed the lack of financial literacy in the community college system. The four financial topics selected were car buying, credit and debt, identity theft, and investments. Each talk has been hosted by various speakers from the community.

These representatives include sales managers from the local Ford and Honda dealerships, a counselor from Consumer Credit Counseling Services of Catawba Valley, and an investment advisor from Edward Jones. The series has been promoted by posting flyers in all mathematics classrooms, running details of each talk on campus TVs, posting events via Facebook, sending emails to faculty and staff, updating the CVCC department of mathematics webpage, and notifying students in a campus e-newsletter.

The first lecture, *Car Buying 101*, had participation from over 60 people in the CVCC community. The following lectures, *Wild World of Credit*, *Identity Theft*, and *Investments*, have had fewer participants, averaging about 30 people in attendance. Feedback from those that have attended the lecture series has been positive, yet convincing large numbers of people to participate has been challenging. Many people who are attending community college barely have enough time to succeed in their classes, and asking them for anything extra is nearly impossible. We want people to attend, furthermore, not because they have to be there, but rather because they want to be there. Overall, the attendance was lower than expected; yet, a strong support for the series has been shown and people have expressed their appreciation of having a financial lecture series through their attendance, email, and personal communication.

So, in closing, the original question posed at the beginning of this article can be answered differently. "Yes, faculty, staff, and students do want to participate in mathematics outside the classroom." The number of people currently might be low, which is realistic for a program starting from scratch, but the support is there. So, now the question has evolved: "Do you want to be one of these people who will support mathematics outside the classroom?" That is, would you be willing to start a *Got S.O.M.E.?* lecture series on your campus? True, mathematics opportunities, like calculus competitions, do already exist, but the time has come to build a program where all people, regardless of their mathematics understanding and ability, can participate. The people are here, so let's give them S.O.M.E.

**Articles for publication and comments should be submitted electronically to Daniela Zemanek at dzemanek@email.pittcc.edu
The deadline for the spring issue is April 15, 2012.**

Durham Tech Edges Four Others to Win NCMATYC Math Competition **by Chris Mansfield, Central Region Vice-President, Durham Technical CC**

Durham Tech nosed out four other schools and Gaston's Simon Nocher paced the field in the second annual NCMATYC Math Competition. The competition, which was held on Durham Tech's campus on Saturday, November 19, 2011, drew forty-one students from Catawba Valley, Durham Tech, Forsyth Tech, Gaston, and Wake Tech.

Students competed in an individual calculus exam in the morning and, after a large communal lunch, took part in the problem-solving portion of the competition, in which teams of three or four students collaborated to solve both theoretical and applied problems in subjects as varied as algebra, number theory, probability, geometry, and set theory. Teams needed to answer as quickly as possible to earn the maximum number of points for each round, leading to much frenzied discussion as well as a mixture of triumphant shouts and frustrated groans when the answer to each problem was announced.

Drawing enthusiastic cheers from his teammates, Simon Nocher of Gaston College earned the top score on the calculus exam, narrowly topping Joshua Padilla of Catawba Valley, William Newlin of Wake Tech, and Colin Campbell of Durham Tech. Each of the top finishers was awarded a plaque and a cash prize. Durham Tech's team of Colin Campbell, Risa Sayre, Stephen Pendergraft, and Donna Mu took honors in the problem-solving competition, besting Forsyth's Weston Ginn, Trevor McDonald, and Thomas Woosley. Each of these students received a gift card for an award.

The combined scores for each school were used to determine the overall winner of the competition, which went to Durham Tech largely on the strength of their afternoon success. The scores for the five schools were all very close; Wake Tech nosed out Forsyth for second place, with Gaston and Catawba Valley not far behind.

The competition was hailed as a success by all involved. Organizers and returning students are looking forward to do it again next year. If your school is interested in joining them for the third annual NCMATYC Math Competition, please contact Chris Mansfield at mansfieldc@durhamtech.edu.

AMATYC 37th Annual Conference November 10-13, 2011 Austin, Texas **by Ann S. DeBoever, President-Elect, Catawba Valley CC**

One of the sessions I attended at the recent AMATYC Conference was titled "Partial Credit: Friend or Frankenstein?". Anne Praderas of Austin Community College led a lively discussion regarding the helpfulness or harmfulness of partial credit. The attendees addressed the following questions regarding partial credit:

- What am I testing on this particular test?
- What does the answer tell me the student knows?
- Do I enable the student to continue to make the same mistakes?
- Can partial credit be a boost to the student's confidence?
- Does partial credit allow a student to score high enough to move to the next course without having good basic skills?

Ms. Praderas shared examples of her students' work. We saw that the mistakes our students make repeatedly are the same mistakes students everywhere make: squaring a binomial incorrectly, reducing polynomial rational expressions incorrectly, not showing sufficient supporting work. And the list goes on.

I enjoyed the session and again realized that students are the same everywhere you go!



37th AMATYC Annual Conference, “Shootin’ for the Stars,” Austin, Texas, 2011 **by Daniela Zemanek, the Recipient of the 2011 NCMATYC Travel Assistance Award, Pitt CC**

This year AMATYC’s conference was in Austin, the “live music capital of the world,” with nearly 200 live music venues. The conference theme was “Shootin’ for the Stars.” The organizers did an impressive job and made this conference a great experience for everyone. As usual for an AMATYC annual conference, it was hard choosing just one session from the many interesting options scheduled at the same time. Topics ranged from developmental redesign to statistics to calculus to implementing new technology in the classroom. AMATYC conferences are always a great opportunity to learn new things and network with colleagues from across the continent.

Keynote speaker Terri M. Manning gave an interesting talk about the Millennial Generation born between 1982 and 2002. We listened with nostalgia as she reminded us that this group will soon replace the Baby-boomers in our workforce. Society (schools, business owners, and managers) needs to be informed about the Millennials and be prepared to embrace them and their attitudes toward life as they enter college and navigate their careers.

I was absolutely fascinated to meet Jerry Woodfill, Apollo 13’s Warning System Engineer, and listen to his speech. A natural motivational speaker, Woodfill compared various goals of our students to events in the moon landing mission and Apollo 13 rescue. Drawing on his 45-year NASA career, Woodfill encouraged math faculty to use failure as an option leading to success. Like most instructors, I have a hard time watching any of my students grapple with failure. I want all to succeed and move on smoothly with their goals. Still, the lessons some learn after an unsuccessful situation can be priceless. Perseverance is the key to success when the initial attempt was a failure, and sometimes a setback can lead to development of special abilities. So we should encourage students to discover the talents which set them apart and help them achieve their unique dreams.

Thank you, NCMATYC, for awarding me the opportunity to attend this year’s conference. I know NCMATYC has many deserving members, and I am honored to have been chosen. I encourage all NCMATYC members to get as involved as your schedules allow. Your input is very important for the organization and for the mathematical community in our state. Consider applying for the travel award next year! Information on how to apply is included in the newsletter. You could be on your way to a great learning and networking experience in sunny Florida!

AMATYC 37th Annual Conference November 10-13, 2011 Austin, Texas **by Ann S. DeBoever, President-Elect, Catawba Valley CC**

A featured speaker at the AMATYC Conference was Jerry Woodfill from the NASA Johnson Space Center in Houston, Texas. Mr. Woodfill gave a very enjoyable presentation titled: “Failure “IS” an Option that Leads to Success.” With great animation and humor, Mr. Woodfill recalled the events in his life that might be considered failures. However, these failures set him on a path that led him to a great job with NASA. He was on the job as Apollo 13’s Warning System Engineer when he heard the now famous message, “Houston, we have a problem”. His work as an engineer helped to identify the problems Apollo 13 was experiencing.

Mr. Woodfill’s message is that failure can be an option that can lead to success. He left us with a quote to share with others:

“I will do my best not to be discouraged by fear, frustration and fear of failure in pursuit of my goals and I will encourage others to do the same.”

My Experience at AMATYC 2011 as an AMATYC ACCESS Fellow

by Larry Tingen, NCMATYC webmaster and AMATYC Project ACCESS Fellow, Cape Fear CC

This semester has proven to be a long one. I carried that baggage and far too much luggage as I stepped into my room for the 37th Annual AMATYC conference. I had been warned I would be busy, constantly on the go, and to be honest I was scared to death when I left the room for the first meeting with the other ACCESS fellows.

My mind running in circles trying to come up with small talk and still sounding intelligent. I'm not sure if I succeeded at that but the ice was broken very soon and before I knew it we were talking about our students, our classrooms, our bosses (in a nice way), and all the things that push and drive us as mathematics instructors, yet there was something different. Now all instructors talk about our classes and students quite often, but in this, and every other conversation I had at the conference, we were not just complaining about all the things that are wrong. Each conversation ended with an idea on how to fix a problem, deal with an issue, or another fellow sharing techniques he/she uses in class and how it works. Once I realized this I knew I was with some very special folks.

The schedule was quite busy and we covered an absolute ton of topics, but we found a way to grow together through the sessions we attended together as well as spent many meals together which were put together whenever we had a non-scheduled time. For me, those meals and drinks we shared were the key to building both professional and personal friendships. As I write this I am watching an on-going conversation unfold between many of the ACCESS fellows. I have spoken to a few others since I have returned and I am grateful for this group of colleagues with surprisingly similar stories and experiences in both work and in life.

The level of energy and willingness to try anything to make our classes better and helping students still remains higher than should be possible. It was this positive energy that brought me back to Cape Fear ready to take on the world I had left behind. I can't wait to see what this group of instructors does over the next few years and am glad to be able to call myself an AMATYC ACCESS fellow.

2011 AMATYC Faculty Math League

by Sharon Welker, Wake Technical CC

AMATYC Conference attendees have the chance to participate in a Faculty Math League (FML) contest, similar to the Student Math League (SML) that many of our community colleges support. Just as NCMATYC students place well in the Southeastern Region and even nationally, we have a repeat winner in the FML showing the strength of our faculty and program. Wake Tech's Mary Pearce represents our NCMATYC and Southeastern Region well as she placed 3rd in the contest in Austin, achieving this remarkable outcome for two years in a row. Mary is a big fan of math contests. She is the coordinator of our regional contest for Middle School and High School students that is part of the State Mathematics Contest. She provides questions for SML and calculus contests, and has been known to solve puzzles as a distraction from grading papers. When vocation and hobby align, good things occur. Congratulations to Mary!

Articles for publication and comments should be submitted electronically to Daniela Zemanek at dzemanek@email.pittcc.edu

The deadline for the spring issue is April 15, 2012.

AMATYC Project ACCESS

by Julia D. Head, AMATYC ACCESS Fellow, Wake Tech CC

It was a little over a year ago that I moved to North Carolina and began my new career as a community college educator after having taught at the junior high, high school, and university levels. It was with great anticipation that I attended my first NCMATYC conference last spring. I was thoroughly impressed with the sessions and other faculty I met. So when a colleague told me about Project ACCESS and encouraged me to apply, I decided to learn more.

Project ACCESS is a fellowship sponsored by AMATYC for math faculty new to full-time community college teaching. ACCESS Fellows attend the AMATYC conference for two years with special sessions for the fellows, complete a project during their first year which they present to the other fellows the following year, and attend local conferences during the two years. This all sounded terrific to me, particularly because of my great experience with NCMATYC. I also heard comments from previous ACCESS fellows about the benefits of the program, so I decided to apply.

With the support of my department, I submitted my application in the spring and found out that I was accepted this summer. I made my arrangements to travel to Austin, my first time there despite having lived in Texas for the past eight years. On our first night there we got to know each other and heard the previous year's fellows present their projects. In nearly every presentation I was able to find at least one idea I could use in my classes. We also had great sessions on giving partial credit, organizing ourselves, and free classroom resources just to name a few. As I experienced at NCMATYC, not only were the sessions great, but I had a great time meeting the other ACCESS fellows.

I am looking forward to continuing my fellowship: working on my ACCESS project, attending the NCMATYC conference this spring, attending the AMATYC conference in the fall where I will present my project, and attending next spring's NCMATYC conference. I hope that next year I will be joined by more NCMATYC ACCESS Fellows!

Travel Assistance for AMATYC Conference, Nov.8-11, 2012, Jacksonville, FL

Applications due April 30, 2012

by Suzanne T. Williams, Past President, Central Piedmont CC

Each fall hundreds of mathematics instructors come together to share ideas and network at the AMATYC conference. In an effort to support and promote faculty involvement and leadership in NCMATYC, we will offer a grant to attend the 2012 conference, which is in our own region. According to the program planners, the theme, "River of Knowledge, Ocean of Dreams" reflects both the unique physical setting for the conference as well as the professional development available through a wide variety of outstanding presentations designed to challenge and inspire conference participants. If you want further information about the conference, go to <http://www.amatyc.org/Events/conferences/2012Jacksonville/>



NCMATYC will offer travel assistance of up to \$1000 and AMATYC has provided a grant to cover the registration fee for one North Carolina community college instructor to attend this national conference. Criteria for selection include NCMATYC membership of at least two years, previous attendance at an NCMATYC conference, and an appropriate letter of support from an NCMATYC member. Those who receive the award are expected to share ideas gained at AMATYC by leading a session at the spring NCMATYC conference and by contributing an article to the NCMATYC newsletter.

The board of NCMATYC understands the importance of developing the leaders of tomorrow today. If you want to get more involved in shaping math education for the future, check out the application form enclosed in this newsletter. The form must be postmarked or emailed by April 30.

Teaching Excellence Award

by Jeanne McGinnis, Western Region Vice-President, Catawba Valley CC

The North Carolina Community College System is very fortunate to have a large number of outstanding mathematics educators across the state and it is once again time to recognize our outstanding educators. The NCMATYC Board is pleased to announce the Teaching Excellence Award to be awarded at the 2012 conference. Nominees must be NCMATYC members whose primary assigned duties are delivering instruction in an associate degree-granting program. Teaching excellence is the main focus of the award. Nominees must have a minimum of 5 years of full-time teaching experience. Criteria for selection are:

- Instructional Effectiveness and Support of Students
innovative teaching strategies, alternative assessment methods, curriculum development, creating a learning environment for all students, accessible to students in and out of the classroom, etc.
- Professional Involvement and Professional Development/Renewal Activities
active participation in professional organizations, speeches, articles, conferences, etc.
- Interaction with Colleagues
sharing and discussing ideas with other colleagues
- Service to Departments/Division/College
active contributor to college community such as serving on committees, advising a math club, participating in recruitment efforts, etc.

Nominations are invited from NCMATYC individual members or a non-member, such as a supervisor. A completed nomination packet addresses the above criteria and consists of the following items:

- (1) A resume or vita of the nominee (not to exceed three pages)
- (2) Three letters in support of the nomination, one of which is a letter of nomination. The three letters should be from a student, a colleague, and a supervisor (letters are not to exceed one page)

In an effort to compare all candidates on the same basis, any additional materials submitted will not be considered. Incomplete nominations will not be considered. Nominations must be received by January 20, 2012. The recipient will be chosen by a subcommittee of the NCMATYC Board.

**Submit nomination materials to: Jeanne McGinnis
Mathematics Department
Catawba Valley Community College
2550 Hwy 70 SE
Hickory, NC 28602
jmcginnis@cvcc.edu**

Articles for publication and comments should be submitted electronically to Daniela Zemanek at dzemanek@email.pittcc.edu

The deadline for the spring issue is April 15, 2012

2012 NCMATYC CONFERENCE PRESENTER'S FORM

NORTH CAROLINA MATHEMATICS ASSOCIATION OF TWO-YEAR COLLEGES

Hosted by

Cape Fear Community College (Downtown Campus), Wilmington, NC
March 15-16, 2012

If you are willing to present at the 2012 Conference, please complete the following form and return it no later than January 17, 2011.

(Please type or print neatly)

Name: _____

Title: _____ School: _____

Office Phone Number: _____ Email Address: _____

Work Address: _____

Title of Presentation: _____

Description of Presentation: _____

Is there any day/time you cannot present? _____

TYPE OF SESSION:

- Quick Presentation (15 min)
- Regular Presentation (45 min)
- Workshop (90 min)
- Other (Please specify on the back of this form.)

CONTENT CATEGORIE(S):

- Developmental
- Liberal Arts Math
- Math Intensive
- Statistics
- General
- Other _____

We expect all sessions to be in smart classrooms. Therefore, you will have internet access for your presentation or you can bring a flash drive. We ask that you provide your own calculators. Let me know if there is any other equipment that you need for your presentation.

PLEASE INDICATE HERE IF YOU NEED TO BE IN A CLASSROOM WITH COMPUTERS FOR PARTICIPANTS.

____ Computer Lab

Thank you for agreeing to enrich our conference with your experiences and expertise.

Send to: Ann S. DeBoever CVCC 2550 Hwy. 70 SE Hickory, NC 28602
or email: adeboever@cvcc.edu
Phone: (828) 327-7000, ext. 4455
Fax: (828) 324-5130

**Application for NCMATYC Travel Assistance Award
to attend the
2012 NCMATYC Conference**

Form must be POSTMARKED or EMAILED by January 15, 2012.

NCMATYC will offer travel assistance of up to \$250 for up to three North Carolina community college instructors to attend the Spring 2012 NCMATYC Conference. The travel assistance is intended to encourage membership and active participation in NCMATYC. People from underrepresented schools are encouraged to apply.

NOTE: Awardees are expected to contribute an article telling of their experience at the NCMATYC conference for the spring 2012 newsletter.

[A] Print or type the following information.

Name: _____
School: _____
E-mail Address: _____
Preferred mailing address:

[B] Member of NCMATYC? If No, please enclose membership application and dues.
____ Yes ____ No

[C] Please attach a brief statement (50 words or less) explaining why you would like to attend NCMATYC.

Mail form to:
Suzanne Williams
6936 Kimberton Dr.
Charlotte, NC 28270

You may also scan the completed form and email it to suzanne.williams@cpcc.edu.
If you have not received acknowledgement of receipt within one week, please call (704) 330-4297.

**Application for NCMATYC Travel Assistance Award
to attend the
2012 AMATYC Conference**

Form must be POSTMARKED by April 30, 2012.

NCMATYC will offer travel assistance of up to \$1000 for a North Carolina community college instructor to attend the AMATYC Conference in Jacksonville, Florida, November 8 – 11, 2012. NOTE: AMATYC will provide additional funds to cover registration. AMATYC desires that their award goes to an individual who has not previously attended an AMATYC Conference. The NCMATYC travel assistance is intended to support and promote faculty involvement and leadership in NCMATYC. Criteria include NCMATYC membership of at least two years, previous attendance at an NCMATYC conference, and an appropriate letter of support from an NCMATYC member. Those who receive the award are expected to share ideas gained at AMATYC by leading a session at the spring NCMATYC conference and contributing an article to the NCMATYC newsletter.

[A] Print or type the following information.

Name: _____
School: _____
E-mail Address: _____
Preferred mailing address: _____

[B] Are you an AMATYC member? ___ Yes ___ No

[C] Number of AMATYC Conferences you have attended _____

[D] Identify NCMATYC Conferences that you have attended _____

[E] Please attach a letter of support from an NCMATYC member.

[F] Please write a brief statement (50 words or less) explaining ways you have supported NCMATYC.

Mail form to:

**Suzanne Williams
6936 Kimberton Dr.
Charlotte, NC 28270**

**You may also scan the completed form and letter of support and email them to suzanne.williams@cpcc.edu.
If you have not received acknowledgement of receipt within one week, please call (704) 330-4297.**

Developmental Math Redesign in North Carolina **by Valerie Melvin, Secretary, Cape Fear CC and** **Ann S. DeBoever, President-Elect, Catawba Valley CC**

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Due to the low progression rate of students beginning in developmental mathematics, the NCCC System office determined that the sequence was in need of reconstruction. The system office concluded, based on research of current models, that a modular approach and detailed placement would best serve the needs of North Carolina Community College students. Based on the system offices' directive, a task force committee was formulated consisting of eighteen community college mathematics faculty from across the state. The task force committee was charged with modularizing the necessary developmental content in such a way that students could complete their pre-curriculum requirements in one academic year (two semesters).

In fulfilling the directive requirements, the task force committee met no less than twelve times in addition to convening for an entire weekend. During these meetings, the eight developmental modules were developed as well as the pedagogical shift of emphasizing a conceptual approach of instructional delivery.

Several schools have done Beta Testing during the fall semester of 2011. Pilot Testing will be done during the spring semester of 2012. The target date for the release of the modules in Colleague is February 15, 2012. All colleges will begin using the new developmental math curriculum during the 2012-2013 academic year.

The NCMATYC Board is committed to serving as a point of information and direction to the North Carolina Community College mathematics community as the developmental modules are fully implemented. Furthermore, the NCMATYC Board will function as a central point of communication to share execution strategies, logistical achievements and concerns.

Articles for publication and comments should be submitted electronically to Daniela Zemanek at dzemanek@email.pittcc.edu
The deadline for the spring issue is April 15, 2012.

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