

EXCEL LETTER

News of EXCEL TECC • Mayfield Excel Technical Education Career Consortium

Serving School Districts:
• Aurora
• Beachwood
• Chagrin Falls
• Mayfield
• Orange
• Richmond Heights
• Solon
• South Euclid-Lyndhurst
• West Geauga

Vol. XIII No. 2

Spring 2013

Director's Notes

by Nate Bishko

Summer is upon us and so closes another amazing year for Excel TECC! I am so proud of the accomplishments of our graduating class of 395 students as they move on to college, careers or the military. The class of 2013 accumulated an astounding \$8,420,091 in scholarships! They have collected hundreds of college credits through their tech prep programs. They have gained the skills and tools to make them immediately employable. However, what our graduating class learned most is real life. At Excel TECC, we pride ourselves in teaching our students how to come together and work as a team no matter what your background is. I wish our graduates nothing but greatness in your future and I am honored to have been your Principal and Director for the past two years!

Program Power

Business Academy Takes Care of Business

by Donna Fronck, Instructor

Seniors in the Business Academy have had a busy second semester and end of the school year. In February, March and April several students competed in Skills USA Contests. Regional competitors in the Job Interview Skill area included Robbie Jenkins from Brush High School. Robbie was awarded a Bronze Medal and qualified for the State contest in April.

The Business Academy Entrepreneurship Team competed at the State Skills USA Competition on April 23

and 24 in Columbus, Ohio. The Contest required students to develop an extensive 25 - page Business Plan for an original concept and to deliver a professional presentation of the business concept before

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CONGRATULATIONS NTHS 2013 INDUCTEES!

Congratulations to the 60 Excel TECC students inducted on Thursday April 18, 2013 into the National Technical Honor Society. To achieve this honor, students must carry a 3.5 GPA overall and a 4.0 GPA in their career technical program, as well as demonstrate the following traits: Skill, Honesty, Service, Responsibility, Scholarship, Citizenship and Leadership. The induction ceremony was held at Mayfield High School, followed by a reception.



ECE Sweeps State Contest!

by Patti Krupinski and Katie Ball, Instructors

Two teams from the Excel TECC Early Childhood Educaiton program, consisting of four senior students each, and seven other students all qualified to advance to the state level after the regional FCCLA contest. On April 18, their content knowledge on early childhood content standards and their presentation skills were judged by state officials, experienced early childhood teachers and professionals. This year the Excel TECC Early Childhood Education students took home 15 GOLD medals and 2 SILVER medals at the state leadership conference in Columbus, Ohio! Great job girls!



Back Row: Angela Csismatia (Solon), Alexandra Brooks (West G), Molly Lukehart (Aurora), Johanna Brazfield (West G), Ashley Murphy (Mayfield), Clarke Fann (Orange), Bridget Fiorello (Mayfield), Morgyn McCalligan (Mayfield) and Maggie Schneider (Mayfield). **Front Row:** Lauren Bartelme (Solon), Shannon Cahill (Mayfield), Mitsuki Fukamachi (Mayfield), Nicole Vance (Mayfield), Katy Yanda (Aurora), Nina Bober (Mayfield)

Cosmetology

by Maryanne Hummell and Debby Kall, Instructors

As the Cosmetology year came to an end we had many things happening. Our seniors took their State Board of Cosmetology Exam on May 20, 2013. All of our seniors who took the test passed the practical portion. Congratulations to the students who earned their Cosmetology licenses. We are so proud of them it is a great accomplishment. They also attended the Senior Send Off on May 22, 2013, where they received their certificates of completion. Many of our students have jobs lined up. A large majority of them will also head off to college in the fall. Good Luck Seniors!!!!

The juniors have taken their mock State Board so they can move on to the senior year of Cosmetology. The juniors are looking forward to taking over for the seniors. How exciting for the juniors to move up to senior status.

As the school year comes to an end we would like to thank everyone who has supported our program. We could not do it if it wasn't for everyone's support. Our customer clinic is closed for the year but will reopen after Labor Day. We hope everyone has a safe and enjoyable summer.



Cosmetology seniors prepare for their trip to Columbus for State Boards

CONGRATULATIONS EXCEL TECC WINNERS!!

Culinary Arts Wins at States

by Danette McHale, Instructor

Congratulations to Culinary Arts students Summer Kolt and Ryan dela Vega for placing 2nd and 3rd in the State of Ohio in the category of Pastry Arts Cakes.



Ryan [LEFT] and Summer [RIGHT]

They competed April 17, 2013 at the State FCCLA finals at OSU in Columbus.

Both students won \$4000 and \$2000 college scholarships respectively. Congratulations Summer and Ryan!

Stay tuned for the new Beachwood Bistro in the fall! The culinary arts is undergoing a renovation which will include a new dining room and classroom area. The Grand Opening will be October 16, 2013.



Winners: [L-R] Gavin, Robert, Geordi, Marissa and Mary



[LEFT] Marketing students at TJ Maxx; [RIGHT] Students at Mock DECA contest held at the Nia Center at Kalahari



DECA Marketing Takes National Stage

by Baylee Diedrich and Gavin Clark, Students

As the year comes to the end, Mrs. Getz's Beachwood Marketing class has a lot to reflect on and many memories. Not many students have had the chance to share their senior year with two neighboring schools, let alone work with an international business. This past year, twenty-two senior high school students from Chagrin, Beachwood, and West Geauga have worked with TJ Maxx, raised money for Muscular Dystrophy Association, competed at the DECA District, State, and International competition and still managed to make some great friends. During the school hours the class sold Chic-fil-A breakfast sandwiches at Beachwood High School to raise money for the marketing class. The students also raised money when the Chagrin students sold t-shirts at the rivalry football game against West Geauga, and all the students sold holiday cakes from Original Cheesecake Factory.

DECA was a huge part of the Marketing Class this year. DECA is an international organization for students with over 120,000 members worldwide. Through DECA, students compete, fundraise and learn leadership skills. This year everyone in the class competed at DECA District Contest. From there, nineteen students moved on to the state competition. After the DECA State Contest, two of the marketing students, Geordi Kogovsek & Robert Kaufman, advanced to the DECA International Competition. At DECA Internationals in California, where there were 16,000 students competing, Geordi Kogovsek placed in the top ten in the world for his competition! Geordi and Robert both placed in the top 80% in their events. These students should feel very proud of their accomplishments!



Robert and Geordi at DECA in California

At the end of the school year, the students worked hard to finish the final presentation for TJ Maxx. These students have proven that even though they may be seventeen and eighteen, they are savvy businessmen and women. This is a class that will not be forgotten.

ENTROVATION™

ENTREPRENEURSHIP AND INNOVATION

Marketing Class Announces Entrovation

by Andrea Wedren

FIRST ANNUAL ENTROVATION A HUGE SUCCESS

**5000 ATTENDED EXPO OF INNOVATIVE ENTREPRENEURS
ON FRIDAY, APRIL 19**

Cleveland, Ohio: On Friday, April 19, 2013 Beachwood High School's Junior Achievement Marketing Class pulled off a tremendous undertaking with its first annual ENTROVATION Expo. ENTROVATION attracted **170 businesses and 5,000 attendees** for a one-day showcase of out-of-the-box ideas, which connected today's most innovative entrepreneurs, organizations and businesses with thousands of engaged consumers at the Beachwood Community Center.

The Beachwood High School Marketing Education/Junior Achievement class created ENTROVATION. The students operated the class as a business and are recognized as the "World's Most Successful Junior Achievement Company." Through strategic school-business partnerships and with nearly **\$80,000** raised at the event, the students will build an innovative classroom and school-based enterprise.

ENTROVATION replaced and built upon the previous success of The Green Dream Eco-Friendly Showcase - which was recognized as Ohio's largest ecofriendly showcase.

Since ENTROVATION was all about innovative ideas and companies, there was an **Innovative**

Entrepreneur of the Year Award funded by the Burton D. Morgan Foundation. Attendees of ENTROVATION had the opportunity to vote for their favorite exhibitors through QR codes posted at booths. The winners are:

First place winner of \$3000 was awarded to My Wireless Lights

Second place winner of \$1500 was awarded to J. Riley USA

Third place winner of \$500 was Beachwood High School Robotics Team

Platinum Sponsors included Burton D. Morgan Foundation, University Hospitals Ahuja Medical Center, Clinical RM, Leikin Motor Companies, IGS Energy, and Bizdom.

For information on ENTROVATION please contact Mr. Greg Perry at 216.831.2080 ext. 114, gwp@beachwood-schools.org.

Check out www.entrovation.com for a complete listing of information.



Computers, Networking, and Electronics

by Steve Kaminsky, Instructor

When prospective students ask me what they will learn in the CNE Program, I tell them, "everything." Well, everything in electronics-based technology. In CNE, we start with the tiny electron, and end with the **world-wide** web. As our seniors prepare to graduate, now is a good time to look back over what they have learned over the past two years. The following list is the CNE curriculum. It is a natural progression. One technology naturally leads into the next technology:

- The electron •Current •Voltage •Resistance •Power •Capacitors •Inductors •Transistors •Gates •Flip-flops •Integrated circuits •Micro-processors •Machine language •Programming languages •Computers •Switches •Routers •Programmable logic controllers •3D computer graphics •Video game creation •Sensors •Servo-motors •Robotics •Computer networking (Cisco) •World-wide web •Html •Javascript •Php •Dreamweaver •Flash •Java •Sql databases

These studies introduce so many career opportunities to our students. New career fields constantly open up in technology, but the old ones don't go away. This creates a constantly increasing demand for knowledge workers in so many areas. Hopefully, our graduates will soon be able to take advantage of this demand.

CADD Students Participate in Several Hands-On and Real-Life Experiences

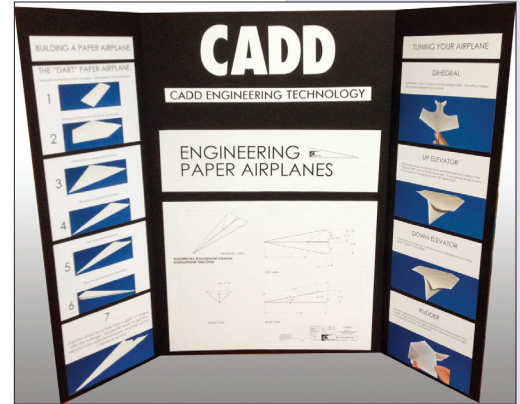
by Craig Schmidt, Instructor

CADD Engineering Technology students Alex Becker, Samantha Bishop, Raymond Douglas, Ben Hosler, Bobby Humanchuk, Lauren Kozich, Vince Nerone and Jaya Pickens participated in the 8th grade “Just Do It” assemblies at Mayfield, Memorial and West Geauga Middle Schools. Middle school students participated in hands-on projects illustrating engineering principles utilizing K’NEX at Mayfield and Memorial, and paper airplane engineering at West Geauga. Imagine building paper airplanes (and not getting in trouble for it) to study aerospace engineering!

In early 2013, we partnered with Bowden Manufacturing, of Willoughby, OH, to create a manufacturing internship program for CADD II students. This program gives CADD seniors an opportunity to work in a productive paid position, while gaining exposure to various aspects of engineering and manufacturing processes – an experience which would not be possible in a classroom setting alone. Eric Novick, CADD senior from Beachwood High School, is the first participant in this exciting program. We would like to thank Bowden Manufacturing for their interest in our program!

Lakeland Tech Prep invited the CADD I students to its annual Tech Prep Mock Interview day on May 22. Students experienced a valuable real-life experience, participating in mock interviews with area business professionals. The interviewers gave students written feedback on various aspects of their interview session. In preparation for the event, CADD I students created resumes and reference sheets, as well as practiced interviewing techniques.

CADD II student Michael Mehling partnered with the Excel TECC Business Academy Entrepreneurship Team to create drawings of their ZOOMZ Racing and Entertainment Center for use in the team’s presentation at the Skills USA Championship in Columbus. This project utilized the former Catalano’s space in Highland Heights. The team earned a gold medal for their project!



“Engineering Paper Airplanes” drawing and images, part of the “Just Do It” assembly at West Geauga Middle School

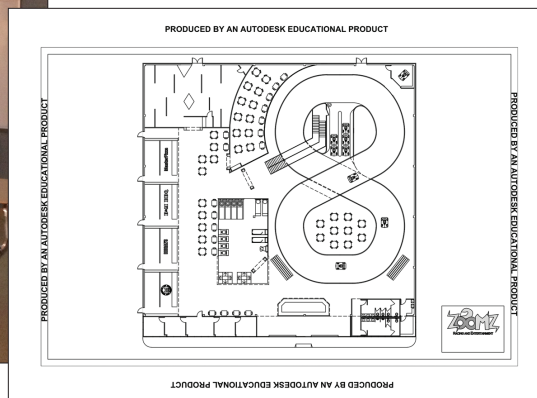
The second annual CADD/Building Trades Open House was held at Excel TECC on May 17. CADD Senior teams designed, and completed construction drawings, for the three modular homes constructed by the Building Trades program, and landscaped by the Environmental Education program. This was a truly collaborative project! Senior CADD students Imani Wells and Gabe Nock delivered a presentation outlining the CADD team’s processes and experiences with the project, and participated in a question and answer session after the presentation.

You can find the Excel TECC CADD Engineering Technology program on the web at <http://excelteccadd.weebly.com>. You will also find links to our Facebook page, YouTube channel and our Twitter feed in the upper right corner of each page on our site.

Senior CADD students Gabe Nock and Imani Wells deliver their presentation to visitors to the CADD/Building Trades Open House on May 17



ZOOMZ Racing and Entertainment Center drawing by senior CADD student Michael Mehling



Environmental Education

by *Becky Gardner, Instructor*

The Environmental Education students are busy wrapping up the 2013 spring season. Record sales were recorded for this year's Spring Open House. Students were busy all day demonstrating the skills they have obtained throughout the school year. From sales, to planting, to information and advice, our students displayed professionalism and pride in their accomplishments.



Congratulations to our seniors! At our Senior Awards Ceremony, seniors were awarded over \$10,000.00 in scholarships. Jacob Leitch (Mayfield), Dayanara Mikolic (West Geauga) and Curtiss Perkins (Shaker Heights) were our top winners. The trio will attend Cuyahoga Community College, Lakeland Community College and The Ohio State University – Agriculture Technical Institute respectively. Good luck to all of our graduates.

The students from the ACE program collaborated with members of the Highland Heights Green Task Force to design and install a raised garden that the students at Millridge Elementary will plant and maintain a pumpkin garden. ACE and CBI-Gates Mills students also worked alongside the preschoolers from MCHI to clean-up and plant garden flowers at the entrance way to the school.



Mr. Tuhela, Landscape Operations instructor, met with Mayfield City Schools Business Manager, John Folkman to discuss an opportunity for our students to design a set of landscape plans to enhance the curb appeal of several of the district buildings. Once the plans are board approved, all Environmental Education students will work with the Mayfield City Schools and install all plantings.

The staff would like to thank the following businesses for employing our students: Abate Greenhouses, Pinzone Landscaping, Eastside Landscaping, Gales Garden Center, Pattie Group, Mayfield Cement, Green Estates, Inc., Greenway Landscape, Quality S Irrigation, DTR Landscapes, Highland Gardens and Cowboy Earthworks.

Business Academy

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a panel of judges. The judging was rigorous and the competition stiff, but they finished in 1st Place in the State and were awarded a Gold Medal in the Contest for their Zoomz Racing and Entertainment concept. This win qualified them for the National Competition in Kansas City. On May 7, 2013 this team was invited to deliver its presentation to Mayor Scott Coleman and the Highland Heights City Council.

The four members of the team were: Imanuel Ishakbayev, Mayfield, Kai'Shayla Smith, Richmond Heights, Amber Steinberger, Aurora and Alex Weinberg, Mayfield.

Seniors in the Business Academy also completed a six-week internship experience at various businesses in the community. Thank you to the following businesses for supporting our students:

Maverick Insurance Group, Scott Mills; City of Richmond Heights, Dina Greisl, Fish Furniture, Dan Geller, Ohio Motorcycle, Kathy Maurer, D. Hayes, Fashion Designer and Wardrobe Stylist, RJR Properties, Rochelle Murray.

Students in the Business Academy will be furthering their education at many universities across the country. They will attend Northwood University, University of Toledo, Cleveland State University, Cuyahoga Community College, Lakeland Community College, Bethune-Cookman College, Kent State University and Akron University.

Good Luck Graduates!

Juniors in the Business Academy have spent the second semester exploring various areas of Business including Entrepreneurship. They attended an Entrepreneurial Symposium at Gilmour Academy in March. They were able to meet young, successful teen entrepreneurs



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Business Academy

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and talk about their journeys to establishing their own businesses. Students delivered professional presentations on a career of their choosing which will help them to narrow their interests as they choose a "Major" area of concentration for the 2013-1014 school year. A visit to Cleveland State's Monte Ahuja College of Business in May was very informative and helped students to narrow their choices. Everyone will be networking this summer to establish connections for internships for their senior year. If you are a business owner and are willing to sponsor an intern for next year, please contact Mrs. Fronck at Excel T.E.C.C.

The Business Academy will be welcoming 20 new juniors with a passion for all things Business in the Fall. Have a great summer everyone.



[TOP] Art by junior Larry Mitchell;

[LEFT] Art by junior Zoe Carlson;

[RIGHT] Art by senior Caleb Warren



Visual Art & Design

by Maureen Cavotta, Instructor

Visual Art & Design will send the Class of 2013 off to college with a total of \$1,229,400 in scholarship offers. They will be attending Columbus College of Art & Design, University of Pittsburgh, Kent State University, and Maryland Institute College of Art.

Congratulations to the Outstanding Senior for 2013, Alex Reynolds, and to the Outstanding Junior for 2013, Zoe Carlson, both from Orange High School.

The Visual Art & Design class experienced many successes this year, but among the best are:

- NTHS inductees: Izzy Carlson (Orange), Maggie Stickley (Mayfield), Zoe Carlson (Orange), Kara Moss (Orange), Rachel Tenney (Orange)

- Scholastics Art Show:

National Portfolio winner Alex Reynolds

National Silver Key winner Rachel Tenney

Local Gold and Silver Keys – Rachel Tenney

Local Gold and Silver Keys – Alex Reynolds

Local Gold Key – Tyler Harrison

Local Silver Key – Niko Miller, Heather Miller, Brandon Molica

Local Hon. Men.- Maggie Stickley, Joe Kowardy

We would like to welcome the following students to next year's junior class:

Brush - Nick Taylor, Kiara Harris, Ashli Smedley

Mayfield - Alexandria Domoracki, Sabrina DiBlasi, Chris Wason

Orange - Akbar Daiy, Alyssa Severt

West Geauga - Jordyn Lees, Jonathan Belcher

Chagrin - Shannon Driscoll

Richmond - Malcom Collins, Willie Davis

Beachwood - Nili Steinberg





TECHNICAL EDUCATION CAREER CONSORTIUM

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PSA at Fire Burn

Students in the Public Safety Academy had the opportunity to participate in a real-world house fire burn.

Successful Open House: CADD/ CONSTRUCTION TRADES

On Friday 17 May, 2013, the CADD and Construction Trades program held their Open House in the TECC wing at Mayfield High School. Landscaping was provided by the Environmental Education program. The day started with a presentation by CADD students on the process of designing and drafting modular homes and their collaboration with the Construction Trades students who followed the blueprints to build the houses.



Excel TECC SENIOR SEND-OFF Celebrates Success!

On Wednesday May 22, 2013 over 1500 people gathered in Mayfield High School gymnasium to celebrate the accomplish-

ments of 393 senior students in Excel TECC career technical programs. The Senior Send-Off event highlights the awards and



[TOP] Students enter gym; [CTR] Eric accepts his scholarship from Mr. Bishko; [BOTTOM] Culinary student caterers



achievements of the students and presents them with their Program Certificates of Completion for attaining career technical standards. The event began with the National Anthem sung by Zach Hizer of Richmond Heights in the Culinary Arts program. The Director's Scholarship winners were announced: Kelcie Coffey from Mayfield in the Medical Technologies program and Kaitlyn Yanda from Aurora in the Early Childhood Education program were awarded \$500 each and Eric Gilbert from Brush in the Public Safety Academy class was given \$2,000. The ceremony was followed by a reception prepared by the Culinary Arts class.

GO TO: <http://www.mayfieldschools.org> >ExcelTECC for news, program information & calendar of events