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Lt. Governor Helps CVCC Break Ground on RAMTEC Expansion

Brecksville, OH – Lt. Governor Mary Taylor joined the Board of Education and administration of Cuyahoga Valley Career Center (CVCC) in a ceremonial ground breaking for the center’s new RAMTEC facility. Approximately 150 guests attended the groundbreaking ceremony including Ohio Representatives Anielski, Celebrezze, and Howse and Ohio Senators Williams and LaRose. Also in attendance were seven of the nine mayors representing the CVCC communities, as well numerous township trustees, economic development directors and other distinguished guests.

The official ceremony began with a welcome from CVCC Superintendent, Dr. Celena Roebuck, and was followed by opening remarks from CVCC Board President Kathleen Mack. Following the brief comments the Board members, administrators, and Lt. Governor took to the shovels to move a symbolic scoop of dirt where the 3200 sq. ft. addition to CVCC manufacturing lab and instructional space.

Immediately following the ceremony the guests proceeded to the school commons, where they were joined by another 100 guests and representatives from the area Chambers of Commerce for a luncheon and joint Chamber networking event. Lt. Governor Taylor kicked off the luncheon, which was prepared and served by students in the CVCC Culinary Arts program, with a keynote address to the audience. Ms. Taylor shared with the audience that the mission of career technical education in general, and the RAMTEC center specifically, is in line with the administration's goal of getting more Ohioans into desirable jobs, and more work is needed to dispel the perception that a bachelor's degree is the only path to career success.

Following the keynote address, attendees watched a brief video highlighting the RAMTEC expansion. The video was produced by Catrell Simpson, a Nordonia Hills student enrolled in CVCC’s Media Technology program. As a major tenet of the grant is to partner with the industry leaders in automated manufacturing, several corporate representatives were on hand to share in the excitement. Three of the individuals took a few moments to share their thoughts on this unique industry-education partnership. Glen Goldney, Global Business Manager
for Allen-Bradley/Rockwell Automation, Bogdan Kozul, Group Manager for Parker Hannifin Corporation, and Paul Aiello, Director of Sales CERT Operations, FANUC, each addressed the audience.

The Career Center is part of a $15 million RAMTEC (Robotic & Advanced Manufacturing Technology Education Collaborative) Straight A grant recipient. The $1.5 million that CVCC received as its portion is being combined with local funds to build a world-class training facility in the arena of advanced manufacturing. The majority of the funds will go toward the purchase of needed equipment for training. The RAMTEC initiative specifically looks to train and certify individuals in numerous areas of manufacturing such as FANUC and Haas CNC, FANUC and Motoman Robotics, pneumatics, and mechatronics.

Renovations to the existing facility should be completed in time to welcome back high school students in the fall and a January 2016 grand opening is planned for the new addition. CVCC will maintain limited course offering for adult students throughout the construction process. For a list of currently available courses visit www.cvccworks.edu/ramtec.aspx.

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RAMTEC OVERVIEW

The RAMTEC project is predominately funded by Ohio’s Straight A Grant Fund. CVCC received $1.5 million as its part of a $15 million consortium grant application. These funds, along with a $700,000 transfer from the district’s general fund, will be used to purchase approximately $1.2 million in equipment for training in robotic controls, mechatronics, and industrial maintenance; renovate the existing instructional space; and, add approximately a 3,200 sq. ft. expansion onto the existing manufacturing lab. CVCC is one of nine career centers across the state that will partner in the RAMTEC (Robotics & Advanced Manufacturing Technology Education Collaborative) Statewide Advanced Manufacturing STEM/Career Technical Education Consortium. This grant will assist CVCC in addressing the advanced manufacturing and engineering skills gap by preparing high school and adult students for careers in these fields.

BUSINESS PARTNERS

A key tenet of the initiative is the partnership between industry and education. CVCC and RAMTEC are partnering with industry leaders in the arena of automated and advanced manufacturing to ensure that students experience not just a facsimile of the “real world” working environment, but the actual industry training and certifications needed on the job. CVCC is proud to work with representatives from FANUC, Parker Hannifin, Rockwell Automation/Allen-Bradley, and Yaskawa Motoman to provide students and workers with a world-class training opportunity.

EQUIPMENT & TRAINING

- 3D Modeling/Laser Printing
- Allen-Bradley PLC Portable Trainers
- FANUC CERT Cart
- FANUC CNC CERT Cart
- FANUC Teach Pendants & Project Kits
- FANUC Mechatronics Unit
- Parker Hannifin Modular Hydraulics Training System
- Vex Robotics Classroom and Competition Kits
- Yaskawa Motoman STEM Cart
- Yaskawa Motoman STEM Welding Cart
- CNC Certifications
- Robotics Certifications
- Robotics Welding Certifications
- Robotics Maintenance Certifications
- Systems Automation Training (Mechatronics)
RAMTEC Course Offerings

Currently Offered:
Basic Computer Numerical Control (CNC)
Intermediate Computer Numerical Control (CNC)
Advanced I Computer Numerical Control (CNC)
Advanced II Computer Numerical Control (CNC)

Returning Fall 2015:
Introduction to Machine Tools
Lathe Operation I
Lathe Operation II
Surface Grinding Operations
Milling Operation I

Coming Spring 2016:
Fanuc CNC Mill & Lathe Training
Fanuc CNC Robotic
Computer Integration Manufacturing
HAAS CNC Mill & Lathe Training
CAD/CAM/CIM - Mechatronics
Hydraulic Systems for Industry
Hydraulic Systems for Mobile Equipment
Pneumatic Systems - Design & Troubleshoot
Robotic Weld Set-up
GTAW Fundamentals
GMAW Fundamentals
SMAW Fundamentals
Fabrications
Motoman Robotic Training
Measurement & Inspection
3-D Modeling Class

Check the website www.cvccworks.edu/RAMTEC.aspx for updates
Cuyahoga Valley Career Center (CVCC)  
District Profile

**About the District**

Established in 1972 by eight public school districts including Brecksville-Broadview Heights, Cuyahoga Heights, Garfield Heights, Independence, Nordonia Hills, North Royalton, Revere and Twinsburg, Cuyahoga Valley Career Center (CVCC) offers career-technical High School Programs, Adult Education, Career Development (K-12) and Community Services.

With technologically advanced programs and equipment, CVCC provides the strong technical foundation that today's employers seek. Every year, Career Center students earn state and national recognition for their skills and provide valuable resources for the community. An important educational resource for adults and companies ranging from small local businesses to large corporations, CVCC begins career education and exposure at the kindergarten level.

CVCC serves over 25,000 students K-12 through its Career Development program and nearly 3,500 adults annually from 25 different communities who want to earn or advance their careers in technical fields. Currently, the Center provides comprehensive training for approximately 1,000 high school students with 28 career and technical programs and offers adults and area employers year-round options for daytime, evening and weekend classes.

The Adult Education Department is open to all adults regardless of school district and provides ongoing registration with new classes starting every month. Affordable, customized business training is available on-site or at CVCC for skill upgrades or career changes. Recent articulation agreements with several colleges allow students to earn college credit for some CVCC courses and free parking is always available. Also, the School of Nursing at CVCC offers both full and part-time programs.

Serving Cuyahoga, Summit and surrounding counties for 43 years, Cuyahoga Valley is conveniently located at 8001 Brecksville Road in Brecksville, one mile east of the I-77/Wallings Road exit (diagonally across from Wallings Road on Route 21). For more information, go to the website at [www.cvccworks.edu](http://www.cvccworks.edu) or call (440) 526-5200.
Selected Staff Profiles

SUPERINTENDENT

As the Superintendent of Cuyahoga Valley Career Center (CVCC), Dr. Celena Roebuck brings with her over 25 years of leadership experience in the area of career and technical education. Dr. Roebuck began her career in education as a business education teacher for the Lakewood City School District just after completing her Bachelor of Science in Education degree from Kent State University. With an eye toward personal and professional growth, Dr. Roebuck quickly moved into leadership roles within that district serving as a Student Services and Job Placement Coordinator and later as a Career and Technical Education Supervisor for the West Shore Vocational Education District. Dr. Roebuck also served as the Personnel Administrator for both certified and classified staff in the Lakewood City School District. During her tenure in Lakewood, Dr. Roebuck utilized her passion for making data-based decisions in the realm of educational leadership to earn her Master’s Degree in Business Administration from Cleveland State University.

Dr. Roebuck later earned a Doctorate in Educational Leadership and the Superintendency from Ashland University and has since made tremendous contributions to the field of career and technical education throughout the State of Ohio and the nation. Her accomplishments include serving as the President of the Ohio Career and Technical Administrators (OCTA) organization; recipient of the Dave Berryman National Council of Local Administrators Leadership Development Scholarship Award; awarded an Honorary Steel Ring at the 2010 Cleveland State University Fenn College Order of the Engineer Induction Ceremony; and was President of the Ohio Association for career and Technical Education (ACTE). A most coveted acknowledgement came from ATHENA, a non-profit organization dedicated to supporting, developing and honoring women leaders, inspiring women to achieve their full potential.

Dr. Roebuck is also active on several boards and civic organizations. She is a longtime Rotarian, Visiting Committee Member of the Cleveland State University Fenn College of Engineering, and has shared her leadership at the state and national level of High Schools That Work. Nationally, Dr. Roebuck serves on the Executive Board of the National Council of Local Administrators.

Dr. Roebuck was named Superintendent of CVCC in 2011, after having served as the Curriculum & Technology Director and Assistant Superintendent. She continues to strive for excellence in every student, staff member, business and industry member, college and university partner and community member within and among the CVCC geographic areas.
Ross Niinisto is the Architectural & Mechanical Design Instructor at CVCC and has taught here for more than nine years. Mr. Niinisto has over 30 years teaching experience in CAD/engineering related classes. In each of his classes, Mr. Niinisto uses direct instruction and real-life experiences to provide the skills students need to pursue a successful career using Architectural & Mechanical Design in industry.

Rich Parrott is the Machine Technology Instructor at CVCC. He is an accomplished Toolmaker and Machine Builder, working for companies including: Duracell, Goody, and Northwest Airlines. In all of his classes, Mr. Parrott uses direct instruction and real-life experiences to provide the skills students need to pursue a successful career in Machine Building and Welding Fabrication.

Rick Pinkava is the Engineering Technology Instructor and was Cuyahoga Valley Career Center's first National Board Certified Teacher. Mr. Pinkava is a Digital Electronic Master Teacher, helping teachers throughout the country become certified Project Lead the Way (PLTW) instructors.

His previous experience includes International Field Service, Production Engineer Manager, and teaching college level courses at ITT and Bryant & Stratton. Mr. Pinkava earned his bachelor’s degree in Electronic Engineering Technology from ETI Tech College and his M.ED. at Kent State University.

Jami Little comes to CVCC from Lorain City Schools where she was the computer and business teacher for 16 years. She is a graduate of the University of Akron where she earned her bachelor’s degree in education. Ms. Little also has a master’s degree in education from Ashland University and an MBA from Western Governors University.

Tim Moore has had an interest in information technology for most of his life. Even when working in other career fields, a large percentage of his professional responsibilities centered around maintaining company computer systems, networks, applications, and data.

Mr. Moore started his present career in high-school student education in 2002. He has a degree in Programming, Business, and a M.Ed. from Ashland University. He also has IT certifications in networking, database, computer support, security, help desk, and telecommunications.
It is the mission of Cuyahoga Valley Career Center (CVCC) to *Prepare Youth and Adults to Enter, Compete, and Advance in an Ever-Changing Work World.*

**Cuyahoga Valley Career Center**

Cuyahoga Valley Career Center (CVCC) is a publicly funded school district which opened its doors in 1972 as the South Central Cuyahoga County Joint Vocational School District. Since that time, it has become one of the leading providers of career technical education in Ohio.

**Location:**
8001 Brecksville Road  
Brecksville, OH 44141  
Phone: 440.526.5200

CVCC is conveniently located one mile east of I-77 off of the Wallings Road exit.

**Educational Programs:**
CVCC exists to serve career-technical training needs of the students and adults of our eight districts, and the surrounding businesses in Northeast Ohio. The school districts served by CVCC are Brecksville-Broadview Heights, Cuyahoga Heights, Garfield Heights, Independence, Nondonia Hills, North Royalton, Revere and Twinsburg.

Programs are offered in the fields of:

- Arts and Communications
- Business and Administrative Services
- Construction Technologies
- Education and Training
- Engineering and Manufacturing
- Health Sciences (including practical nursing)
- Hospitality and Tourism
- Human Services
- Information Technology
- Law and Public Safety
- Marketing
- Transportation Systems

**Business Partners:**
CVCC Partners with area businesses to support the economy of Northeast Ohio, including:

- Cleveland Clinic
- Ferrotherm Corporation
- GPD Group
- Lubrizol
- Sherwin Williams
- Thompson Hine
Conference Facilities:
Our convenient location, scenic campus, and free parking make CVCC a unique destination for your next meeting or event. Offering conference rooms and classrooms, and with catering available onsite, we can provide the equipment and tools needed for a successful meeting whether it is for 10 people or 700. Examples of recently hosted groups include:

AFLAC
American Public Works Association
Boy Scouts of America
Brecksville Kiwanis and Lions Club (Empty Bowl Project)
North Coast Fly Fishers (Fly Fishing Expo)
Ohio Landscape Association
Ohio School Boards Association
WireNet

Select Data:

- Nearly 1,000 high school students and over 3,500 adult students attend CVCC each year to meet their career training and personal improvement needs.

- 87% of Early Placement employers rate entry level skills of CVCC students as good or excellent and 99% of employers would hire another CVCC student with no reservations.

- CVCC annually introduces more than 25,000 K-12 students from our service area (25 communities that comprise eight school districts) to career opportunities in health care, technology, business, transportation, construction, manufacturing, public safety, human services and other career fields.

- All CVCC and associate district students receive the benefit of CVCC Career Development activities, such as career portfolios, job shadowing, mock interviewing, as well as job placement, internships and career coaching.

- CVCC partners with over twenty postsecondary institutions to offer our graduates college credits and advanced college standing. Students earn over 900 credits annually through articulation agreements, dual enrollment, and Career Technical Credit Transfer (CT²) through the Ohio Board of Regents.

- CVCC offers access to career training for people with special needs who want to be productive members of the workforce.

- CVCC provides a variety of discounted services to our communities, such as lunches at the student-run restaurant, salon services, special event facilities and others.

- CVCC Adult Education is accredited by the Council on Occupational Education (COE) and the High School is accredited North Central Association (NCA) Commission on Accreditation and School Improvement, an accreditation division of AdvancED®.

- In the past five years, CVCC Adult Education trained 584 practical nurses, and thousands of EMT’s, EKG technicians, STNA’s, medical assistants, dental assistants and phlebotomists for a total of 5,474 healthcare providers in the Northeast Ohio workforce.

- CVCC provided more than 70 Northeast Ohio companies with customized training over the past five years. This training provides employers with a skilled workforce to meet current, ever-evolving, industry demands.

- Over the past five years, CVCC has provided free employment training workshops for over 1,000 Northeast Ohio job seekers.
ALUMNI CORNER: CVCC 2013 Grad Lands Position at Laszeray

With the ink not yet dry on his high school diploma, Dylan Leaque of North Royalton had a job at the ready in June of 2013 upon graduating from CVCC’s Machine Technology program. He walked right into a position with Laszeray Technology of North Royalton, thanks to Dylan’s positive student performance and the assistance of his instructor, Richard Parrott, who set up the interview with the company.

Dylan is a tool making apprentice. As such, he operates mills, lathes and grinders to create components of plastic molds and airfoil dies which are patterns for castings for jet engine blades. Laszeray is a leading provider for prototyping custom tooling and plastic injection molding needs.

Says Dylan’s supervisor, Joe Pavlescak, “Dylan is more talented than even Dylan understands. He absorbs information like a sponge and is at least a year ahead of where I had expected him to be at this time. He has excellent mechanical and mathematical skills. If you had more Dylans, I’d take them all,” Pavlescak adds.

According to Pavlescak, Dylan’s next step would be to become a Journey person Toolmaker. From there, he could broaden his horizons and become a CNC programmer.

“The best CNC programmers in the world used to be toolmakers,” adds Pavlescak.

Left: Dylan Leaque, a 2013 CVCC graduate from North Royalton, is grinding a two-degree taper on a core pin at his job as a tool making apprentice at Laszeray Technology in North Royalton.

ALUMNI CORNER

From the eMail Bag [info@cvccworks.edu]

CAD Grad “Zips” Right In as a Member of a UA’s Winning Race Team

The proud parent of 2011 CVCC graduate, Clloyd “Andrew” Reed, now a junior mechanical engineering major at the University of Akron, recently wrote to CVCC instructor Ross Niliasto, who teaches the Computer Aided Design program to high school students, to say the following:

“All the skills he learned at CVCC allowed him to jump right in and be a very active member.”

Hi Mr. Niliasto,

You were such a big part of Andrew’s junior and senior years that I thought you would like to hear how he is doing.

He has been on the Akron Zips Racing team since he started in Fall 2011. He is the team leader on brakes now for the second year in a row.

Cloyd “Andrew” Reed, from Twinsburg, was the Outstanding Student selected among his classmates in June 2011. He was also one of the many fine students enrolled in the early placement internship program.

(Left): Andrew is pictured fourth from the right. Photo - Courtesy of SlackFeed LLC.

For information on CVCC’s CAD program, contact instructor Ross Niliasto at 440.746.8345 or rniliasto@cvccworks.edu.

For information on all Cuyahoga Valley Career Center High School programs, contact Admissions Counselor Kelli Bucchi at kbucchi@cvccworks.edu or 440.746.8286.
The Brothers Schaeffer: A Fine Testament to a CVCC Education

Three brothers from the Schaeffer family, all CVCC graduates, appear to be flourishing in their careers, according to an email sent to our Power Equipment Technology instructor, Mr. Jerry Koenig. The email was sent by the youngest of the brothers, Ryan Schaeffer, Class of 2007, a graduate of Mr. Koenig’s program:

Hey Mr. Koenig,

Ryan Schaeffer here, class of ’07, brother of Rick Schaeffer, Class of ’03; and Randy Schaeffer, Class of ’05 (Construction Trades).

I am on the final stretch of getting my bachelor’s degree in mechanical engineering from the University of Akron. I have been co-oping (paid internship) with UTC Aerospace Systems for the past two years and have three semesters of classes to go until graduation!

In my college experience with this field of study, employers really dig that I have a mechanical background and was a mechanic at Towlift Inc. for two years after high school before enrolling in college. That job and the education that got me there came from your Power Equipment program at CVCC. I have been complimented many times on my automotive knowledge, mechanical aptitude and experience that I have gained over the years since high school.

I am now friends with the gentleman who interviewed me, and he has said that the reason they chose me over the other applicants is my mechanical career history.

You taught us how to be professional and act as responsible adults in addition to the technical education.

I remember you really “bonding” with us and giving life lessons in your teaching. Your passion and dedication to providing us the best education about being professional and a good worker gave us more than just a grade on a paper.

I hope this information would be a good advertisement for potential students or even for your current students. Whether they want to be an automotive technician or move up to further education in a mechanical field, Power Equipment Technology is the perfect place to start!

Ryan Schaeffer, North Royalton Power Equipment Technology, Class of 2007

Marketing Technology Alumna Kelly Budziak Visits CVCC, Mentors Students, Discusses Career with Rolls-Royce

Marketing Technology instructor Germaine Polensek was pleased to welcome back 2008 alumna from North Royalton, Ms. Kelly Budziak (pictured far left). Kelly is a supply chain designer for Rolls-Royce and is currently based in Indianapolis.

“As a student,” said Ms. Polensek, “Kelly went to the DECA [an association of marketing students] International Development Conference. She comes back to CVCC each year to encourage and inspire students to win at the DECA competitions.”

Kelly obtained her bachelor’s degree from The Ohio State University and is currently working on her MBA from the Krannert School of Management at Purdue University.

Currently, she works with a cross-functional team to ensure successful delivery of parts, interfaces with suppliers and reviews entire value streams. She analyzes performance and data using tools such as VSM (Value Stream Mapping), load and capacity reviews, among others.

“I’m thrilled to have Kelly help my students understand the realities of college and business life after CVCC,” said Mrs. Polensek. “She gives them practical advice to help them with these transitions.”

3 Weeks of Summer Camp Offerings Coming in June, Registration Open

Three weeks of summer camps, beginning in June, will be offered to various age groups. Dates and times are as follows:

Week 1 - June 9-12 - Mon.-Thurs., from 8 a.m. to 3 p.m. for students currently in grades 7-9: Beautiful You!, Chef for a Week, Create It! Print It! Wear It!, CSI, Engineering, Movie Makers, Paper Art, Robotics, Tool Time and Video Game Design.

Week 2 - June 16-19 - Mon.-Thurs., from 8 a.m. to 3 p.m. for students currently in grades 4-6: Beautiful You!, Create It! Print It! Wear It!, Engineering, Movie Makers, Paper Art, Programming, Robotics, Video Game Design and Video Game Stories. Fees - $195 for in-district students, $205 for non-district students. See page 4 for a sneak peak of the new camps.

Week 3 - June 23-26 - Mon.-Thurs., from 8 a.m. to 3 p.m. for students currently in grades 4-6: Beautiful You!, Create It! Print It! Wear It!, Engineering, Movie Makers, Paper Art, Programming, Robotics, Video Game Design and Video Game Stories. Fees - $195 for in-district students, $205 for non-district students. See page 4 for a sneak peak of the new camps.

For more information on CVCC’s career-technical programs, contact Kelli Buccini, Admissions Counselor, at 440.746.8286.


If you register by March 26, receive a $25 Early Bird discount: www.cvccworks.edu/careercamps.aspx.

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Hardly a day goes by when we don’t hear something about “being green” with our daily decisions. So much so, that a whole energy industry has emerged around being green. This means CVCC program curriculum must adapt to meet the industry demands, and the current Electrical Trades program is leading the way with this evolution.

Renewable energy is the future of the electrical industry; this includes solar and wind technologies. Two new titles: Solar Photovoltaic Installers and Wind Turbine Service Technicians have been designated for the 2010 Standard Occupational Classification. Modifications are therefore essential to the Electrical Trades program to align industry needs with educational goals.

The clean energy economy is generating thousands of jobs in multiple categories, including wind, photovoltaics and energy efficiency. Yet, the industry is scrambling to find electricians who have renewable energy knowledge and training. Fortunately, CVCC students are enthusiastic to learn the new concepts being sought after by the industry.

Continued on page 2
Energy Evolution Generates Surge of Excitement

Continued from page 1

Their interest and excitement has motivated them to develop and construct the following program enhancements, many from combining components from other projects:

- GT-1500 Clean Electron Generation Panel Trainer
- 300 Watt Air-X micro wind turbine
- Kyocera 65 watt off-grid solar photovoltaic system

As a result of these program enhancements, possible future projects may include mounting a 10kW Photovoltaic solar system on the roof of CVCC to be designed for student instruction as well as net energy payback, installing at least a small sized wind turbine to be used for student instruction and net payback, and involving students with contractors and professionals who install any component of a renewable energy system at CVCC.

Using the best practices of sustainability, green building, and renewable energy technology, the program plans to construct a “habitat for education,” a core shell structure that would be open for public viewing. The project will teach students about sustainable, non-pollutant materials and equipment of the future such as solar panels; special insulation, wood and stone; weather stripping; and wind turbines. It will also educate the public by demonstrating the benefits of their use, and the improved impact on the environment through a working sample, specially designed for visitor viewing.

The “habitat for education” project will also impact other program students from Construction Trades, Computer Aided Design, Building and Property Maintenance, and Heating and Air Conditioning, as the need to incorporate sustainable, green practices into their curriculums will be displayed through the structure.

By modifying the electrical program curriculum and renaming it to align with renewable energy and energy efficiency modules, students may be afforded the opportunity to earn entry level exam achievement for the Solar PV industry.

For students who wish to continue their training beyond CVCC, many post-secondary options are already available:

- IBEW or similar apprenticeship program
- Boots-on-the-Roof
- Power Systems Institute
- Cuyahoga Community College
- Lorain County Community College
- Owens Community College
- Hocking College
- Cincinnati State Technical & Community College

Over the years, CVCC has been fortunate to enjoy outstanding support from its industry partnerships in the community. As the Electrical Trades program embarks on its journey at the dawn of an energy revolution, it is eager to continue those valuable relationships for guidance and instruction.

For more information, or to be a part of this exciting evolution, please contact program instructor Irene Ward at 440.746.8313 or: IWard@cvccworks.com.

CVCC Grad Worked on Set with Martin Scorsese

Digital Design really got the ball rolling for me, and I can’t thank you enough. I found a job at a visual effects company called Brainstorm Digital, doing a little bit of everything. I have had a lot of great experiences and have gotten to work with some amazing people. So far, the most interesting was being on set with Martin Scorsese on an upcoming HBO series called ‘Boardwalk Empire’. I just finished working on a shot for ‘Did you Hear about the Morgans?’ I also program and do other various things.

Brendan (Mertik) Fitzgerald, Class of 2003
Cuyahoga Valley Career Center, Digital Design
Brecksville-Broadview Heights
Graduate, Savannah College of Art and Design, special effects major

For more information on any of our programs, please see our Web site: www.cvccworks.com. Click on “Programs and Services.”

Juniors in Irene Ward’s Electrical Trades program are learning how to install solar panels. From Left to right are Billy Thompson of Brecksville-Broadview Heights; Christine Bocci of Nordonia Hills and Patrick Murphy of Twinsburg.
Ramtec robotics program is extending reach

Advanced manufacturing education initiative will have nine centers in state

A program to help better prepare high school and adult students for careers in robotics and other advanced manufacturing careers is expanding into Northeast Ohio.

By RACHEL ABBEY McCAFFERTY

A program to help better prepare high school and adult students for careers in robotics and other advanced manufacturing careers is expanding into Northeast Ohio.

The statewide Robotics & Advanced Manufacturing Technology Education Collaborative, or Ramtec, got its start about three years ago at the Tri-Rivers Career Center in Marion, Ohio. Superintendent Charles Speelman said employers in that region had been saying not enough people were going into the skilled trades, especially manufacturing, so the career center set out to see what those businesses needed from their graduates.

Now, the students at Tri-Rivers' Ramtec program are getting trained and certified on the same machines used in the field — before, the center would train students on a more generic system, Speelman said, and leave the certification up to future employers. The program has been officially underway for about a year and a half, and he said the feedback from business has been "remarkable."

Now, a nearly $15 million Straight A grant from the state this summer is helping the Ramtec program expand from a single center in Marion to a network of nine centers across the state, including at the Cuyahoga Valley Career Center in Brecksville and the Portage Lakes Career Center in Uniontown.

The Ramtec program was attractive to the Straight A Fund because it's a customizable approach, said Susan Tave Zelman, executive director of the fund for the Ohio Department of Education. Participants can build local partnerships and take local needs into account, she said. The department is hoping to see it expand beyond the nine centers into other geographic areas and industries.
**Plans in motion**

Portage Lakes Career Center put this program on the fast track and hopes to be able to certify some students before they graduate this year, said superintendent Benjamin Moore. The center had been looking for a way to better train students for careers in manufacturing when the program came about.

Moore said the program will serve high school and adult students, and he's been working with post-secondary partners at the University of Akron and Stark State College. The center is renovating some existing space from the end of March through the end of May.

At the Cuyahoga Valley Career Center, the program will allow the school to bring in “equipment, training and certification programs” from big names in manufacturing, such as Fanuc, said executive director Joseph Dannemiller. Being part of a statewide consortium gives the center a stronger voice, Dannemiller said.

An expansion at the Cuyahoga Valley Career Center will double the center's current manufacturing footprint, Dannemiller said, adding about 3,200 square feet to the existing 3,500 square feet available for manufacturing now.

According to a news release, the bulk of its approximately $1.5 million portion of the grant will be used to buy equipment for training in “robotic controls, mechatronics, and industrial maintenance,” with $50,000 going toward training and certification for instructors.

The career center's board of education in September approved a $700,000 transfer from its general fund to its permanent improvement fund for the expansion, as just $250,000 of the grant is going toward facility renovations.

The groundbreaking for the project will be March 31, and it’s expected to be completed by January 2016. The project will be done in phases, though, and the existing lab should be refurbished and ready this fall, Dannemiller said.

The additional space means the center should be able to offer classes for adults and high school students concurrently, instead of having to only offer adult classes in the evening. The adult training will be available to individuals who want to attend on their own, in addition to any contract training companies might offer.

But he thinks the “flashy and exciting” program will especially draw in high school students. That's important in terms of closing the so-called skills gap in manufacturing, because a big part of the problem is getting enough people into the pipeline, he said.

**Filling a need**

The program is “definitely needed,” said Kathleen Sawyer, executive vice president of Esterle Mold and Machine Co. Inc. in Stow, as manufacturers need more people to enter the industry. She also highlighted the training possibilities the program will have available to companies, too.

“They're definitely listening to the manufacturing companies' voices,” Sawyer said.

This program really helps to build a “career pathway” for manufacturing, which Steve Gratz, senior executive director for the Center for Student Support and Education Options at the Ohio
Department of Education said has been an increasing focus for career centers in recent years. Instead of just preparing students for a single job like they did in the '70s, today's career-technical education centers focus more on making sure graduates are prepared to take a job after school or to further advance their education in a field. The Ramtec program includes partnerships with manufacturers and post-secondary education organizations.

The partnerships with industry are important, as the last thing the educators want to do is produce graduates who don't align with industry needs, Gratz said. He wants businesses to view those partnerships as investments, not philanthropy.

The robotics and automation jobs for which students are training are “pivotal” ones as companies move toward a stronger focus on automated processes, Gratz said. They need people to maintain the equipment, because “when this stuff breaks down, production stops,” he said.

Speelman of the Tri-Rivers Career Center said he thinks the Ramtec program will help to make communities more attractive to businesses — everyone has tax abatements to offer, he said, but the communities that can boast a strong workforce will stand out.

“That's the community that's going to be successful,” he said.

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Lieutenant Governor Mary Taylor: Brief Introduction

Mary Taylor’s goal is to help make Ohio jobs-friendly once again.

Taylor was sworn in as Ohio’s 65th Lieutenant Governor January 10, 2011, the same day Ohio Governor John R. Kasich named her to lead Ohio’s Common Sense Initiative (CSI) to reform Ohio’s regulatory policies, as well as to serve as director of the Ohio Department of Insurance. Through these two assignments, Taylor is committed to making Ohio a jobs- and business-friendly state. On January 12, 2015, Kasich and Taylor were sworn in to their second term in office.

CSI reviews Ohio’s regulatory system to eliminate excessive and duplicative rules that stand in the way of job creation. Both CSI and the Department of Insurance present unique challenges, but Taylor is no stranger to taking on tough assignments.

In 2006, Taylor was the first certified public accountant to be elected to serve as auditor of state, and she transformed the office into a nationally recognized, 21st-century government auditing firm. The National White Collar Crime Center praised Taylor for her excellence in fighting and preventing fraud and for recovering millions in misspent tax dollars. The Ohio Society of CPAs called Taylor one of their “most influential” members.

Elected to the state legislature in 2002, and re-elected in 2004, Taylor was instrumental in passing Ohio’s 2005 tax reform package that reduced personal income taxes by 21%. The measure also eliminated the tangible personal property tax, the corporate franchise tax and the inventory tax imposed on businesses. She was a member of the House Finance, Ways and Means, and Education committees and was recognized by the United Conservatives of Ohio as a “Watchdog of the Treasury.” The National Federation of Independent Business (NFIB), the nation’s largest small-business group, also named Taylor a “Guardian of Small Business” for her outstanding voting record on behalf of Ohio’s small-business owners.

Taylor earned a bachelor’s degree in accounting and a master’s degree in taxation from the University of Akron. She began her career in 1990 with Deloitte and Touche, one of the “big four” national accounting firms. She joined the Akron firm of Bober, Markey, Fedorovich & Company in 1994, where she served as director of the firm’s tax department and senior manager of the employee benefits practice.

She’s been called an “expert” on state budget issues by the Columbus Dispatch. And, her hometown newspaper—the Suburbanite—called her one of Summit County’s “most influential women.”

Taylor is a life-long resident of northeast Ohio, where she lives with her husband, Don, and their sons, Michael and Joe.

# # #
Preparations are underway for March 31 Ground-breaking on the 3200 sq. ft. RAMTEC addition. For the first time in more than 12 years, CVCC’s walls will expand to accommodate the addition of robotic equipment that will enhance the existing machinery in the Machine Technology program lab. Rich Parrott, Machine Tech instructor A.K.A Workplace Mythbuster, is in training to use and teach his students how to operate the new equipment. Parrott loves busting workforce myths. Click “Read More” and go to page 3 to be busted!

Students age 16 and up who are looking for a summer job should plan to attend CVCC’s Annual Student Job Fair on Thursday, March 19 from 3:30-5:30 PM at CVCC. Local businesses will be on-hand to accept applications, some even conduct interviews and hire on the spot! Employers, there’s still time to participate. Click on the button above to register.

Become a rock star, build furniture, make a movie, create your own video game, style an up-do... kids can do all this and more at CVCC Summer Camps. Camps take place in June and are for kids entering grades 5-10 in the fall. Save $25 by registering before March 27.
Easter Seals Named CVCC’s Business Partner of the Month
Partnership Benefits Both

Easter Seals has been a partner to CVCC’s Medical Administrative Specialist program for more than four years. They have provided students from this program with the opportunity to work as interns at their Broadview Heights’ office. Melissa Kocher, Vice President of Marketing and Development, has also served as a member of the Medical Administrative Specialist Advisory Committee. Easter Seals, on the other hand, benefits by being the recipient of motivated and skilled interns. Read more about CVCC’s Business Partner of the Month.

STNA Training Offered at CVCC
21% Projected Employment Growth

Train to become a State Tested Nurse Aide through CVCC’s Adult Education Department. According to the Bureau of Labor Statistics, employment of nursing assistants is projected to grow 21% through 2022, faster than the average for all occupations! Application deadline is March 17.

Salon Special
A Treat for 2!

Buy-one-get-one-free haircut during March at CVCC’s Adult Cosmetology Salon. Open Mondays, Tuesdays, and Wednesdays from 3:30-7:30 PM.

Click here to manage your account or unsubscribe.

Please do not reply to this message via e-mail. This address is not monitored and cannot help with questions or requests.
Eric Claren (2014 Nordonia Hills graduate) earned 1st Place in SkillsUSA State competition, thus the chance to compete at the national level. This past June, Eric took that chance and placed fourth in the Power Equipment Technology category at Skills USA nationals. His instructor Jerry Koenig, accompanied Eric to Kansas City, where the competition took place. Eric is now employed with a pavement contractor.

- Adult Education students enrolled in programs that lead to state licensure or industry certifications generated the following pass rates: Emergency Medical Technician-94%; Licensed Practical Nursing-88%; Cosmetology -90%; and Dental Assisting-100%. These pass rates exceed state and national averages.

- CVCC is one of 91 Career-Technical Planning Districts (CTPDs) in Ohio. This year, the Ohio Department of Education issued letter grades to CTPDs for the first time. CVCC earned an A (98.3%) for Post-program Placement; an A for Technical Skill Attainment (85.4%); a B (91.3%) for the number of students who graduate high school in four years; and an B (93.7%) for the number of students who graduate in five years.

- For the 16th consecutive year, the Treasurer’s Office earned the Certificate of Achievement for Excellence in Reporting from the Government Finance Officers Association, as well as the Certificate of Excellence in Financial Reporting from the Ohio Association of School Business Officials (OASBO).

Additional enrollment information is available on page 2.
The total combined enrollment in our eight associate districts has declined for the past five years. Enrollment decreases can be attributed to a number of factors such as a general shift in population. This change has a direct impact on the enrollment at the Career Center, however the collective market share of available students coming from our associate districts is on the upswing as can be seen from the bar chart (below). For more information, contact CVCC’s Executive Director Joseph Dannemiller at 440.526.5200.

A day in the life of CVCC 2013-14: Left to right: Photo 1 - Students dress up for Halloween during a hotly competitive costume contest. Participants and observers pay a fee, with proceeds going to charity. Awards are given for best costume individual, best costume (group) and “Punniest” (costume that portrays a pun), among others. A group of cosmetology students dressed as smerfs. Photo 2 - Board member Jim Virost and Supt. Dr. Celena Roebuck at the combined board dinner for CVCC’s board and the school board representatives from the eight school districts served by CVCC. Photo 3 - Nursing student Tenika Wall at the candle lighting ceremony marking the completion of a major portion of the practical nursing program. Photo 4 - Students fill out job applications during another successful job fair organized by the Career Development Dept.
CUYAHOGA VALLEY CAREER CENTER

As an outgrowth of Vision 8 – teams of business, educational and civic leaders along with CVCC staff – we are responding to our manufacturing companies’ feedback of the need to train and employ people skilled in advanced manufacturing, thus filling the many unfilled jobs.

In 2014, CVCC was awarded a $1.5 million Straight A Grant. Money from this grant will be used to expand our campus in advanced manufacturing, enabling us to provide certifications and training to more people and in more areas to fill jobs in Ohio, specifically Northeast Ohio. With the grant dollars, CVCC will build out our space and enter into areas of certification opportunities the state of Ohio has never had previously.

This fits our mission to be responsive to the employment and training needs of the region as we serve the 25 communities that compose eight associate school districts served by the CVCC district.

To view the Superintendent’s Welcome Message, visit:

http://www.cvccworks.edu/SuperintendentMessage.aspx

CVCC Administration
Celenia Roebuck, Ed.D.
Superintendent
Paul Smith
Treasurer/Business Manager

Your College & Career Connection!

Cuyahoga Valley Career Center (CVCC) offers numerous programs and benefits in four main categories: High School; Adult Education [daytime, evening and weekend classes]; Career Development (K-12 career education); and Community Services [The Valley Inn Restaurant, conference facility rental, assembly/packaging services, screen printing, basic automotive and yard equipment repair, salon services and community events].

Mission Statement: To prepare youth and adults to enter, compete and advance in an ever-changing work world.

NON-DISCRIMINATION STATEMENT: The Cuyahoga Valley Career Center affirms that no person shall, on the basis of race, color, national origin, sex, marital status, military status, ancestry, religion, age, genetic information, and/or disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any educational program or activity conducted under its auspices. This shall extend to employees therein and to admission thereto. Inquiries concerning the application of this policy may be referred to the Superintendent or designee coordinator. This policy shall prevail in all Board policies concerning school employees and students. The Board of Education has designated an administrator to carry out these policy statements and shall be responsible for compliance within these designated areas. Complaints, questions or requests for information regarding Title VI (race, color and national origin), Title IX (gender), Section 504 (disability) should be directed to: Mr. Paul Smith, Title IX Coordinator, Title IX Coordinator, Section 504 Coordinator.

CUYAHOGA VALLEY CAREER CENTER
8001 Brecksville Rd.
Brecksville, OH
44141
Phone: 440.526.5200
www.cvccworks.edu

Student Data

High School Enrollment
946
Secondary Students
937
Adults in High School Programs
9
Adult Education Students
3,519
Race and Gender of High School Students
Caucasian
688
Minority
258
Female
386
Male
560
Students receiving free or reduced priced lunches
270
Data is from Fall 2014.

High School Staff Data

Number of Full-time Classroom Teachers, Counselors, Resource Teachers and High School Administrators
Full-time teachers and counselors
51
Administrators
4
Race and Gender of High School teachers and administrators:
Caucasian
54
Minority
1
Female
30
Male
25
Data is from the September 2014 EMIS database.

CVCC Administration
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OHIO CAREER-TECHNICAL EDUCATION
Preparing Students for College and Careers

OHIO CAREER TECH EXPANSION
Ohio secondary career tech has the tradition of preparing students for the world after high school. Ohio career tech still uses curriculum strategies proven to keep students in school and to make learning relevant. However, in 2015, Ohio career tech expands downward and upward. Here’s how:

1. Career Connections – Experiential learning and career planning for Ohio’s 1.8 million students in Kindergarten through 12th grade. Students learn math, science, social studies, English language arts and more in the context of real-world examples. They create online “backpacks” through the OhioMeanJobs Web site.

2. Career Preparation – Expanded opportunities for Ohio’s 276,667 students in Grades 7-8. Ohio middle-grade teachers now teach selected career-tech courses. This means earlier and younger student exposure to career pathways in 15 broad areas.

3. Career Readiness – Increased credential attainment and successful movement to college and jobs for Ohio high school students. Around 121,000 of Ohio’s nearly 610,000 students in Grades 9-12 – roughly 20 percent of the state’s high school students – are engaged in career-tech curriculum that improves their readiness for college and work. In 2015, Ohio career tech is expanding with more nationally recognized industry credentials and more apprenticeships.

Ohio Secondary Career-Tech Value-Added Student Data

98.7% Graduation
85.6% Placement in college, military, jobs overall
62% Employment or advanced training
50%+ College enrollment
OHIO GRADE 9-12 WORKFORCE DEVELOPMENT DELIVERY

Grade 9-12 career tech often goes by the title of workforce development. This occurs through online and face-to-face learning at community and public schools, career centers and industries. Some schools are designated Science, Technology, Engineering and Mathematics (STEM) sites. Ninety-one career-technical planning districts are responsible for providing guidance to assure quality delivery at the workforce development locations.

OHIO GRADE 9-12 WORKFORCE DEVELOPMENT ENROLLMENT

Industry need is the driving force for expanding programs and encouraging student enrollment in programs, but individual student passion is an important consideration. See the infographic to the right which shows 15 Ohio career fields that connect to hundreds of different jobs in the state, nation and world.

SUPPORT SERVICES FOR OHIO GRADE 7-12 CAREER TECH

Among strategies and services that support the career and college readiness for ALL students are:

- Career-based intervention programs that assist 19,565 economically and academically at-risk students;
- Family and consumer sciences courses that reinforce sustainable living with emphasis on topics such as finance, child development and health for 127,624 students;
- Graduation, Reality And Dual-role Skills (GRADS) programs that support 2,743 students who are pregnant and/or have children; and
- Ohio High Schools That Work, nationally proven key practices and conditions that increase student achievement. Ohio has more than 200 sites using the High Schools That Work model involving more than 100,000 students.

### Enrollment by Career Field

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Number of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>20%</td>
<td>24,148 STUDENTS in Agricultural and Environmental Systems</td>
</tr>
<tr>
<td>8%</td>
<td>9,461 STUDENTS in Construction Technologies</td>
</tr>
<tr>
<td>7%</td>
<td>9,592 STUDENTS in Manufacturing Technologies</td>
</tr>
<tr>
<td>3%</td>
<td>3,954 STUDENTS in Transportation Systems</td>
</tr>
<tr>
<td>9%</td>
<td>10,891 STUDENTS in Information Technology</td>
</tr>
<tr>
<td>5%</td>
<td>6,585 STUDENTS in Marketing</td>
</tr>
<tr>
<td>1%</td>
<td>1,430 STUDENTS in Finance</td>
</tr>
<tr>
<td>3%</td>
<td>3,612 STUDENTS in Hospitality and Tourism</td>
</tr>
<tr>
<td>12%</td>
<td>14,007 STUDENTS in Business and Admin. Services</td>
</tr>
<tr>
<td>9%</td>
<td>10,957 STUDENTS in Health Science</td>
</tr>
<tr>
<td>5%</td>
<td>5,598 STUDENTS in Human Services</td>
</tr>
<tr>
<td>4%</td>
<td>5,331 STUDENTS in Arts and Communication</td>
</tr>
<tr>
<td>2%</td>
<td>2,704 STUDENTS in Law and Public Safety</td>
</tr>
<tr>
<td>7%</td>
<td>9,344 STUDENTS in Engineering and Science Technologies</td>
</tr>
<tr>
<td>4%</td>
<td>4,337 STUDENTS in Education and Training</td>
</tr>
</tbody>
</table>

NOTE: The data include some duplication with students enrolled in more than one career field. Percentages equal just under 100 due to rounding.