

2015-2016
High School Catalog

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Skills for Success

Excel TECC

Technical Education Career Consortium

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WELCOME

Greetings TECC Families:

Students, do you want to receive true hands-on learning for two years within a particular academic area that will immediately prepare you for college or a career of your choice? Do you like to meet students from other schools and spend half of your day on a college campus? Parents, do you want for your sons or daughters to earn college credits while in high school, have workplace internships, be immediately employable upon graduation and be college ready? Do you want your sons or daughters to receive authentic experiences that are only reserved for college students and professionals? If the answer was yes to any of the aforementioned questions, then Excel TECC is the right place for you!

The Excel Technical Education Career Consortium programs are designed to provide expanded and additional educational options for all students. Our students represent a new wave of career technical education where schools are sending their best and brightest students to our various programs. Our results speak for themselves. Excel TECC has averaged a 97% success rate when it comes to Post Secondary Placement. This means that almost every Excel TECC student will go to college, be immediately employed, or enter the military. Our graduating class of 2014 garnered \$9,533,728 in scholarship dollars—a figure that surpasses most graduating classes of any area high school. This same class of 2014 also accumulated 993 articulated college credits through College Tech Prep, while in high school, which equals a savings of \$114,000 in college tuition. This is all a result of their participation in an Excel TECC program. Please peruse through this catalog and find out which is the best designed program for your ultimate success beyond high school. Our teachers bring years and years of experience to our students and truly prepare them for the next step in their lives. I am proud to be a part of this school and would be happy to personally speak with you should you have questions about our programs. Make the right choice. Choose Excel TECC for your future!



Nathan Bishko
Director, Excel TECC



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TABLE OF CONTENTS

Terms to Know	2
General Information	3-4
Student Services	5
Student Clubs/Organizations	5
Program List-Alphabetical	6
Arts & Communication.....	7-8
Digital Arts & Technology	
Performing Arts Academy	
Studio Art & Design	
Business & Administration.....	9-10
Business Academy	
Culinary Arts	
Marketing	
Construction Technologies	10
Construction Trades	
Health Sciences.....	11
Medical Technologies	
Education & Training	11
Early Childhood Education	
Engineering / Transportation	12
Auto Mechanics	
CADD Engineering Technology	
Environmental & Agricultural	13
Environmental Education	
Human Services / Public Safety	14-15
Cosmetology	
Fire/EMS Training Academy	
Information Technology	16
Interactive Media	
ITP - Information Technology & Programming	
Intervention Programs	17
How To Apply.....	18
Excel TECC Staff.....	19
Staff Biographies	20-24
Excel TECC Consortium Schools.....	25

TERMS TO KNOW

Career Technical Education

Career Technical Education is high school and college education that provides students with:

- *Academic subject matter taught with relevance to the real world, often called contextual learning;
- *Employability skills, from job-related skills to workplace ethics;
- *Education pathways that help students explore interests and careers in the process of progressing through school.

Career Technical Planning District (CTPD)

A Career Technical Planning District is a geographical service area that provides students with career technical program choices within the high school curriculum. The Excel TECC CTPD consortium is made up of nine school districts: Aurora, Beachwood, Chagrin Falls, Mayfield, Orange, Richmond Heights, Solon, South Euclid-Lyndhurst and West Geauga. Career technical programs are housed at a number of Excel TECC high schools and other sites. The **home school** is the student's district of residence, regardless of attendance at a program at another site.

Career Fields/Clusters

A career field is a "grouping of occupations and broad industries based on commonalities" (Source: National Career Cluster Initiative). This concept is the basis for developing both broad-based and specialized technical content standards that serve as a framework for curriculum, instruction, assessment and program design addressing the needs of an entire industry/business sector. Ohio career fields include: Arts & Communication, Business & Administration, Construction Technologies, Education & Training, Engineering, Transportation, Environmental & Agricultural, Health Sciences, Human Services, Public Safety, and Information Technology.

College Tech Prep

College Tech Prep blends college prep and technical education into an exciting program with two primary goals: to help students prepare for high-tech careers and to help employers obtain better-prepared workers. College Tech Prep programs provide a seamless curriculum pathway beginning in the 11th grade and continuing through a two-year associate degree program and/or further education at a four-year degree institution. Requirements for attaining college credit are specific to each career technical course.

Q & A: GENERAL INFORMATION

Q: What are the requirements for admittance to the technical school?

A: Students should be enrolled through their home high school and be in the process of completing the graduation requirements for their home school.

Most of the regular career technical programs are two-year courses of study.

Q: Is transportation available to and from the technical programs?

A: Bus transportation is available to and from the home school. A car is necessary for students to participate in cooperative programs where they work part-time.

Q: Can I participate in extracurricular activities such as athletics and band at my home school?

A: If the activities take place before or after school, you are free to participate and accommodations are made on an individual basis.

Q: How can I be selected for a technical program?

A: Students must first complete an on-line application form. This form, signed by the student and parents, should be submitted in December preceding the school year the student wishes to enroll.

The student will be interviewed by the particular technical program instructor.

Q: What high school will I graduate from?

A: Students earn a diploma from their home school, even though they may attend a technical program in another high school.

Q: What do I receive upon completion of a technical program?

A: Students receive a certificate upon successful completion of a career technical training program. Students receive industry certification in certain programs. All students in a Tech Prep program can receive college credits depending on Agreement reviews and completion of Agreement requirements

Q & A: GENERAL INFORMATION

Q: When will I get practice work experience out of high school?

A: Depending on the technical program, qualified students are placed on jobs during the second semester of their senior year. Students in cooperative programs work throughout their senior year on a part-time basis and earn high school credit.

Q: How much does it cost to take a career technical program?

A: The tuition for a program is paid by your home school district. You will be responsible for fees for most programs to cover supplies, equipment and/or uniforms.



Q: If I take a technical program in high school, can I still go to college?

A: Combining college with technical training gives students the best of both worlds in preparing for a career. Over 70% of our technical students go on for additional training in a two- or four-year college.

Students need to work closely with their home school counselors to select the proper academic courses in conjunction with their technical training. Universities will admit students with technical training just like any other student, provided the student has completed the necessary "college prep" courses.

Q: Will there be employment opportunities for me upon graduation?

A: Over 90% of Technical Education graduates who are seeking full-time employment rather than going on for additional training are successfully employed.

STUDENT SERVICES

Guidance and Counseling

Guidance and counseling services are available to students and parents during school hours by appointment at each school in the Excel TECC consortium.

Counselors provide services to help students and parents select the appropriate program, develop a career plan and help with personal problems. The counselor's door is always open to parents and students who have questions or seek advice.

Career Development

The Career Development Program assists students in career decision-making. The Career Passport is a portfolio of information: career goals, resumé, transcripts, life skills, accomplishments, abilities, community experience and other information that showcases the student. It is a self-marketing tool for college admissions and prospective employers. Career Specialists are in place in all our consortium high schools/districts.

Post Secondary

Teachers work with students on activities to prepare for the world of work and/or further training. These activities include preparation of resumes, job and college applications and interviewing skills.

College Tech Prep programs lead directly into two-year associate degree programs which can lead to four-year degrees.

Specialized Technical Training

Excel TECC provides a full range of technical training and support services for special education students. Educators from the sending school districts, the Cuyahoga East Vocational Education Consortium (CEVEC) and the Technical Education Career Consortium work together with students and parents to determine the appropriate technical program for each student. The Vocational Special Education Coordinators (VOSE) facilitate placements, monitor student progress and assist students with the transition from school to work or further training.

STUDENT CLUBS/ORGANIZATIONS

An important part of training in Technical Education takes place in youth organization activities. Students in all programs belong to organizations that have regional, state and national affiliations. Club activities center around skill competitions which provide motivation to achieve at a high level and promote leadership and interest in professional pursuits.

- **DECA** -DECA is an international organization of marketing students. The students are involved with volunteering, fundraising and competitions on district, state and national levels.
- **FCCLA - Family, Career and Community Leaders of America**
MISSION: To promote personal growth and leadership development through family and consumer sciences education; members develop skills for life through: character development; creative and critical thinking; interpersonal communication; practical knowledge and vocational preparation
- **FFA** -This organization prepares for careers in agriculture. FFA is an active organization that includes chapter meetings, group activities, judging/skill contests and community involvement.
- **Junior Achievement** -JA is an organization dedicated to educating students about workforce readiness, entrepreneurship and financial literacy through experiential, hands-on programs. JA works as a partnership between the business community, educators and volunteers.
- **Skills USA** -Skills USA: partners students, business, industry and educators. The organization gives students opportunities to be involved with business and industry to learn first-hand from the real world of work and polish their employability and technical skills.
- **NTHS** -The National Technical Honor Society is open to all students enrolled in a career technical program and is based on outstanding scholarship, character, leadership, and service. Students complete an application which is reviewed by committee to determine if criteria has been met.

EXCEL TECC PROGRAMS

(Alphabetical)

Two-Year Programs -- Junior Entry

(Prerequisite: for all programs - Interview by Instructor; By program start date student must have completed coursework required for junior status at home school including seven [7] credits with a mandatory two [2] credits each earned in English and Mathematics; Attendance and discipline records are considered)*

Auto Mechanics	12
Business Academy	9
CADD Engineering Technology	12
Construction Trades	10
Cosmetology	14
Culinary Arts	9
Digital Arts & Technology	8
Early Childhood Education	11
Environmental Education	13
Fire/EMS Training Academy	15
Interactive Media	16
Intervention Programs	17
ITP - Information Technology & Programming	16
Medical Technologies	11
Performing Arts Academy	7
Studio Art & Design	8

* Except Intervention Programs

One-Year Program -- Senior Entry

(Prerequisite: Interview by Instructor; By program start date student must have coursework required for senior status at home school including a mandatory three [3] credits each earned in English and Mathematics; Attendance and discipline records are considered)

Marketing	10
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NOTES:

- Articulation credits are subject to change depending on Agreement reviews and are awarded according to student's completion of Agreement requirements
- Career Opportunities listed under each program may require additional post-secondary education or technical training.

PERFORMING ARTS ACADEMY

COLLEGE TECH PREP

Two-year: GRADES 11-12

Site: Chagrin Falls High School

Prerequisite: An audition and interview is required for admittance.

Credits: 3 credits each year (1 Related, 2 Lab)

The Academy for the Performing Arts provides talented high school juniors and seniors with a joyful, challenging and inspiring training experience in the performing arts that builds confidence, courage and mastery in creative self expression preparing students for high-level college and professional opportunities. The goals of the program are:

- To provide a comprehensive, pre-professional course of study in all aspects of theatre, from literature, technique and history to actual performance.
- To create challenging performance opportunities for students to demonstrate acquired skills. The Academy mounts 7 or 8 full length plays each year.
- Prepare students for post secondary education in the performing arts and related subjects; assisting with audition, contact, interview support and professional guidance in selecting educational and career opportunities.

Program Content

The classes described below represent the two year course of study that will fully prepare them for college and beyond.

- THE ART OF ACTING: Experiencing, Action, Characterization, Technique, The Stanislavski System
- ACTING SHAKESPEARE: Voice for the Stage, Shakespeare's Play, Scene work in Shakespeare
- ACTING CHEKHOV: Advanced Action, Communion, Emotional Memory
- MUSICAL THEATRE: Music Theory, Singing, Selling a Song, History of Musical Theatre
- BODY/VOICE: Stage Movement, Mime, Tai Chi, Yoga, Fitness, Stage Combat, Clowning
- MUSIC: Music Theory, Keyboarding, Conducting, Composing, History of Music, Private Voice
- TECHNICAL THEATRE: Set, Costume, Lighting and Sound Design; Stage Management; Construction and Producing a Show
- PERFORMANCE PRACTICUM/ART OF THE AUDITION

ARTICULATION:

- Cuyahoga Community College

PREREQUISITES

- AUDITION: Will consist of two contrasting monologues or one monologue and one song. Monologue and songs should be no more than 2 minutes each. Monologue texts and a list of recommended song selections will be posted on the Academy website: www.chagrinacademy.org. While accompaniment may be provided students must be prepared to sing a cappella.
- INTERVIEW & DOCUMENTS: Students are to submit a 1-page resumé and provide a headshot or school photograph with their application. The student will also be requested to provide one letter of recommendation from a theatre, drama, or music program that they have been involved with or a character reference.
- PERFORMANCE: All productions at the Academy are voluntary. However, if a student chooses to audition for an Academy production, he or she must clear their schedule to accommodate rehearsals and performance. Students who cannot provide a schedule reasonably free of conflicts will not be allowed to audition for a production. Academy students are also encouraged to participate in community theatre productions or at their home high school.

Should a student decide to participate in an Academy production, he or she must commit to time outside of normal class hours and the school day for rehearsal and performance. Students must provide their own transportation to after school rehearsals and evening events.

- PROGRAM PARTICIPATION AND ATTITUDE: Students must come to the Academy with an open and teachable spirit. No student will be allowed to continue in the Academy who shows disrespect to his or her fellow actors, to the teacher or to the curriculum in general.

Career Opportunities

- | | | | |
|-------------------|----------------|-----------|-------------------------|
| •Actor | •Stage Manager | •Producer | •Lighting Designer |
| •Costume Designer | •Set Designer | •Director | •Box Office & Marketing |

ARTS & COMMUNICATION

DIGITAL ARTS & TECHNOLOGY

COLLEGE TECH PREP

Two-year: GRADES 11-12

Site: Aurora High School

Recommendations: enrolled in College Prep English

Credits: Junior Year - 3 credits (1 Related, 2 Lab)

Senior Year - 3 credits

(1 Related, 2 Internship)

Digital Arts and Technology is designed for a student who immerses themselves in today's modern methods of media, communication and culture. Through technology, photography, video, graphic design and audio engineering one is taught how to communicate effectively for today's society. The class is built on a business backbone and integrates social networking, websites and a digital portfolio. Digital Arts uses Digital SLRs, studio strobes, lighting and Adobe Photoshop Lightroom to learn how to take photos, edit and display for any application. Videography can involve music video, short film, documentary and presentation at each stage of production. Recording audio for video is important but is also available for those students who are interested in making and recording music. Pro Tools, the industry standard for audio engineering, is taught at the beginning to intermediate level. The two year program is specifically tailored for the best possible experience. First year students meet everyday in the morning where all aspects are taught to a base level, then each student can independently gravitate toward their desired specialization. The second year meetings are two days in the classroom where the remainder of the week is allocated for student internship. Each senior has the opportunity to intern in their various desired specialization and build their professional network.

Program Content

- Professional Level Photography
- Film & Video Techniques
- Editing video, audio and photographs
- How these skills relate to today's job market

ARTICULATION:

- Cuyahoga Community College

Career Opportunities

Video Editor

Director

Audio Engineer

Photographer

Graphic Designer

STUDIO ART & DESIGN

COLLEGE TECH PREP

Two-year: GRADES 11-12

Site: Orange High School

*Credits: 3 credits each year
(1 Related, 2 Lab)*

The ARTIST will engage, invent and create:

- ...a comprehensive portfolio for acceptance in a college program.
- ...images that advance individual expression and communication.
- ...develop a personal philosophy of art, based on aesthetic theories and visual culture.
- ...analyze interdisciplinary connections that influence visual imagery.

Program Content

The ARTIST will:

- begin a working knowledge of the fundamental components of visual arts, such as: line, value, color and design.
- review the masters of the past and their techniques and creative processes.
- accumulate personal and past knowledge while reflecting contemporary artist trends/styles.

ARTICULATION:

- Cuyahoga Community College

Career Opportunities

Interior/Fashion Design

Display/Graphic/Package Design

Advertising

Illustration/Cartooning

Photography

Fine Art



BUSINESS ACADEMY

COLLEGE TECH PREP

Two-year: GRADES 11-12

Site: Mayfield High School

Recommendations: Algebra 1 and Geometry credits earned

Credits: 3 credits each year (1 Related, 2 Lab)

"LEARNING TO EARN"

The Business Academy is a dynamic, comprehensive program which will introduce students to the exciting professional world of Business. Students will explore several diverse career areas including Entrepreneurship, Marketing, eCommerce, International Business, Management, Financial Literacy, Project Management, Globalization and Business Law, Finance, Operations, and Management.

The objectives of the Business Academy are to prepare students for college or technical school or employment and to connect, collaborate and compete in a global economy. The program provides a wide knowledge base and will expose students to multiple disciplines. Skills like communication, critical thinking, strong work ethic, goal setting, productivity, leadership and teamwork will provide students with a solid foundation for success. The latest technology will be fully integrated to facilitate and foster collaboration and teamwork in a professional environment.

Program Content

- *Developing a Business Plan*
- *Personal Financial Management*
- *Marketing* • *Ethics*
- *Operations Management*
- *Business Relationships*
- *Customer Relations*
- *Professional Development*
- *Project Management*
- *Entrepreneurship*
- *Finance* • *Technology*
- *Social Responsibility*

ARTICULATION:

- Cuyahoga Community College
- Bryant & Stratton

Career Opportunities

Entrepreneur
Business Analyst
District Manager
Small Business Manager
Project Manager

CULINARY ARTS

COLLEGE TECH PREP

Two-year: GRADES 11-12

Site: Beachwood High School

Credits: Junior Year - 4 credits

(1 Related, 2 Lab, 1 Culinary Science)

Senior Year - 5 credits (1 Related,

1 Culinary Math, 3 Paid Internship)

The Culinary Arts I program offers on-site training in our public restaurant to high school juniors showing interest and aptitude for the food service industry. Culinary I focuses on ServeSafe Training and Certification. This certification program is an industry standard.

The Culinary Arts II ProStart curriculum is endorsed by the National Restaurant Association Educational Foundation and provides each student earning a certificate of achievement with articulated college credit. ProStart teaches culinary mathematics, restaurant business management and marketing techniques. The internship component allows the students to work in the food industry for 12.5 hours per week to receive credit and earnings. Students must provide their own transportation.

Program Content

- *Quantity Food Preparation*
- *Proper Use/Care of Commercial Equipment*
- *State and Local Sanitary Codes*
- *Classical Cooking Techniques*
- *Dining Room Service*
- *Global Cuisine*
- *Real Industry Work Experience*
- *Food Cost Control/Food Purchasing*
- *Menu Planning*
- *Menu Marketing*

ARTICULATION:

- NRAEF ProStart Certification directly articulates with state college-level culinary programs - up to 10 credits individually articulate to other schools nation-wide
- OBR-CT² - 6 sem credit hours

Career Opportunities

Chef/Pastry Chef/Sous Chef
Catering/Event Sales Manager
Food and Beverage Manager
Restaurant Manager/Owner
Food Scientist

BUSINESS & ADMINISTRATION

MARKETING

COLLEGE TECH PREP

One-year: GRADE 12 only

Site: Beachwood High School

Recommendations: College Prep course of study

Credits: 3 credits (2 Related, 1 Work)

Marketing is a college-preparatory course intended for students desiring to study business, marketing or a related field in college, start a business after graduation, or work immediately. Students will explore business topics through class instruction, research the Internet, engage in small group debates, develop interpersonal communication and leadership skills, create effective persuasive presentations, and discuss classroom to work world experiences. A cooperative learning experience, in which students are evaluated and earn high school credit, will provide an opportunity for students to connect their classroom and career-field experiences. Students participate in DECA and/or Junior Achievement. Both national organizations encourage students to develop marketing skills outside of the classroom and to collaborate with other students across the country.

Program Content

- Computer Technology
- Virtual Business Simulations
- Retail Management
- Public Relations
- Consumer Behavior
- Business Administration
- Direct Marketing
- Entrepreneurship
- Global Marketing
- Fashion Merchandising
- Sales
- Promotions
- Product Design
- Research
- Consulting
- Merchandising
- Advertising
- E-commerce

ARTICULATION:

- Johnson & Wales - up to 15 credit hours
- Northwood University - 4 credit hours as 'Principles of Marketing 208'
- Lakeland Community College-up to 9 credits

Career Opportunities

Advertising/Promotions/Public Relations
Consumer Psychology
Industrial/Retail Sales• E-Business
Visual Merchandising • Media Planning

CONSTRUCTION TECHNOLOGIES

CONSTRUCTION TRADES

COLLEGE TECH PREP

Two-year: GRADES 11-12

Site: Mayfield High School

Credits: 3 credits each year (1 Related, 2 Lab)

The Construction Trades program prepares students with the fundamentals needed to work in the building, remodeling, maintenance or repair of public or private buildings and homes. A good portion of the curriculum is hands-on. Sessions are coupled with theory and lab demonstrations, with an emphasis on safety, both on the job and in the classroom.

Program Content

- Masonry
- Carpentry
- Roofing
- Siding
- Building & Property Maintenance
- Painting/Wallpapering
- Flooring (covering)
- Windows/Doors
- Blueprint Reading
- Mathematics/Estimating
- Home Building
- Construction Management
- Drywall
- Electrical
- Plumbing
- Safety

ARTICULATION:

- Lakeland Community College-up to 6 credit hours
- Cuyahoga Community College-up to 3 credit hours

Career Opportunities

Building Inspector
Carpentry/Woodworker
Masonry/Stone Cutter
Repair/Labor Work/Maintenance
Cabinetry
Plumber/Electrician



EDUCATION & TRAINING

EARLY CHILDHOOD EDUCATION

COLLEGE TECH PREP

Two-year: GRADES 11-12

*Site: Fairmount Early Childhood Center @
Beachwood*

Credits: 3 credits each year (1 Related, 2 Lab)

The Early Childhood Education program prepares students to fill a vital role in the education of young children. This program teaches content knowledge in child development, preschool and elementary curriculum, preschool early content standards and early childhood theory. High school students receive the opportunity to teach and care for young children in many different early learning environments, pre-schools and elementary school settings. The first year stresses basic skills needed to work with children while in the second year, the students expand their experiences with opportunities to intern with children birth through school-age, including children with special needs. Successful completion of this program articulates directly into credits awarded towards a four year degree in Early Childhood Education, Elementary Education or another field related to Child Development.

Program Content

- *Infant Development*
- *Toddler and Preschool Development*
- *Building Guidance Skills*
- *Guiding Art Experiences*
- *Teaching Stories, Math, Science, Music*
- *Guiding Children with Special Needs*
- *Health & Safety*
- *Early Childhood Curriculum*
- *Certifications Necessary for
Employment: First Aid, Communicable
Diseases, Infant/Child CPR, Child
Abuse Recognition & Prevention*

ARTICULATION:

- Articulation credits available through Lakeland Community College and Tri-C. All agreements are reviewed and granted annually for 3-7 credit hours

Career Opportunities

Child Care Center Teacher/Manager
Pre-K/Elementary Teacher
Recreation Director
Children's Librarian

HEALTH SCIENCES

MEDICAL TECHNOLOGIES

COLLEGE TECH PREP

Two-year: GRADES 11-12

*Site: Mayfield High School or
Ursuline College*

*Recommendations: Algebra 1 credit earned,
College Prep*

*Credits: Junior Year - 3 credits (1 Related,
1 Lab, 1 Human Anatomy & Physiology)*

*Senior Year - 4 credits (1 Related, 1 Bio/
Chemistry, 1 English, 1 Internship)*

The Medical Technologies program prepares students with an interest in the medical professions to develop the attitudes, practices, technical and academic skills to obtain employment in medical, dental and diagnostic treatment facilities and to continue their education in a post-secondary institution in the medical/dental or diagnostic sciences. The students will participate in instructional, laboratory and clinical experiences designed to prepare individuals in direct patient care, diagnostic, therapeutic and treatment options. Students will participate in a paid internship under the supervision of physicians, dentists, nurses, emergency personnel, therapists and other allied health staff.

Program Content

- *Introduction to Health Care Sciences-college course*
- *Medical Terminology-college course*
- *Patient Care Skills*
- *Experience with the latest medical equipment*
- *Anatomy/Physiology & Biochemistry/Physics*
- *Medical Law & Ethics*
- *OSHA Bloodborne Pathogen Certification*
- *American Heart Association CPR
Certification for Health Care Providers*
- *First Responder Certification*
- *EKG Certification - college course*
- *Patient Education*
- *Acute Care Hospital internship program*
- *Human Growth & Development*

ARTICULATION:

- Lakeland Community College: Medical Terminology-3 credits; Introduction to U.S. Health Care-2 credits; Electrocardiography-2 credits

Career Opportunities

Medicine / Nursing / Dental
Sports Medicine/Physical Therapy
Clinical Laboratory Technician
EMT/Paramedic

AUTO MECHANICS

COLLEGE TECH PREP

Two-year: GRADES 11-12

Site: Brush High School

Recommendations: Algebra 1, Chemistry & Physics credits earned

*Credits: 3 credits each year
(1 Related, 2 Lab)*

This program is designed to offer students the specialized experiences needed in the diagnosis and service of an automobile. Qualified students will learn engine repair and performance, transaxle transmission, brake systems, electrical systems, suspension and steering, emission systems, heating and air conditioning.

Program Content

- Diagnosis of Engines
- Transmission/Transaxle & Repair
- Computer Diagnosis
- Engine Repair
- Brake Systems
- Emission Control Systems
- Electrical Systems
- Steering & Suspension
- Heating & Air Conditioning



ARTICULATION:

- Cuyahoga Community College
(2-year: ASE Certification)
- University of Northwestern Ohio
- Universal Tech Institute
- Northwood University
(Auto Aftermarket & Management)
- OBR-CT² - 8 sem credit hours

Career Opportunities

Independent Service Garage
Automotive Aftermarket
Fleet Service Garage
Auto Dealership Service
Auto Parts Store
Tire Center



CADD ENGINEERING TECHNOLOGY

COMPUTER-AIDED DESIGN/DRAFTING

COLLEGE TECH PREP

Two-year: GRADES 11-12

Site: Mayfield Innovation Center @MHS

Recommendations: Algebra 1 and Geometry credits earned

*Credits: 3 credits each year
(1 Related, 2 Lab)*

STEM: Science, Technology, Engineering, & Mathematics fields: competitive, ever-evolving, & in demand! CADD Engineering Technology merges interactive instruction, core engineering concepts and innovative techniques, and provides a strong foundation for STEM studies and careers. CADD Engineering Technology emphasizes academic/scholastic achievement, problem-based technical skill development, and work ethics principles, critical for additional studies and successful career navigation in a global economy. Senior students will have internship, career passport, digital portfolio and transferable college credit opportunities.

Program Content

Competencies include:

- Areas of Architectural, Structural & Civil Engineering, Landscape, Site Planning
- Areas of Mechanical, Electrical & Fluid Engineering
- Metallurgy, Pneumatics, Aerospace, Performance Product Cycles, Concurrent & Traditional Development
- 2D & 3D Techniques & Simulation
- Part & Assembly, Blueprint Reading, ANSI, ISO
- Use of micrometers, calipers, gauges & scales
- Hard Disk & System Management, File Extensions, Exporting, Distribution
- Spreadsheets, Word Processing, Presentations, Databases & Desktop Publishing
- Time Management, Interviewing, Portfolios, Applications, Life Skills & Globalization

ARTICULATION:

- Lakeland Community College-up to 16 credit hours
- OBR-CT² - 3 sem credit hours

Career Opportunities

Engineer: Aerospace, Automotive, Civil, Biomechanical, Architectural
Product Designer
Mold/Software Designer
Drafter: Mechanical, Civil, Architectural

ENVIRONMENTAL EDUCATION

COLLEGE TECH PREP

Two-year: GRADES 11-12

Site: Gates Mills Environmental Education Center / Cleveland Botanical Garden

Recommendations: completion of Algebra 2 by end of senior year

Credits: 3 credits each year (1 Related, 2 Lab OR 1 Related, 1 Lab, 1 VL Option)

ARTICULATION: (Tech Prep)

- Cuyahoga Community College-up to 6 credit hours
- ATI/Ohio State University - Placement Math test
- Davey Tree Course for college credit

This group of programs is designed to educate the student in the area of care, cultivation and utilization of plants from a commercial, consumer and academic perspective. Students will explore post secondary training by visiting Tri-C and the Agricultural Technical Institute in Wooster. Students enrolling in the program become members of FFA, and can join the Ohio Nurserymen and Landscapers Association, and PLANET. Entry employment opportunities are available and continuation of higher education is encouraged after completion of the program. Employment opportunities are very high for those that are serious about their careers. The three areas available to students are:

- CLEVELAND BOTANICAL GARDEN
- FLORICULTURE & GARDENING OPERATIONS
- LANDSCAPE & TURF OPERATIONS



CLEVELAND BOTANICAL GARDEN

Cleveland Botanical Garden Program is for students that desire a career in landscape maintenance and public gardening. The garden houses 10 landscaped acres of permanent, award-winning displays and themed gardens which the students use for their classroom. This program is designed for those students who wish to develop their landscaping skills, work habits and knowledge to ultimately become successful workers in the horticulture industry and productive members of society.

CAREER OPPORTUNITIES: Public Garden Worker • Landscape Business Owner • Horticulture Management

FLORICULTURE & GARDENING OPERATIONS

The Floriculture and Gardening Operations program is for students who wish to explore several areas in the green industry before entering higher education or the workforce. This program offers the basics in landscape and golf course gardening, greenhouse floral, garden center and nursery operations as well as interior plant maintenance. The program includes hands-on instruction and training by growing, maintaining, selling and designing with trees, shrubs, perennials, annuals, vegetables, houseplants and cut flowers. Students are encouraged to participate in a paid internship program to enhance the learning experience in specific areas.

CAREER OPPORTUNITIES: Floral Designer • Greenhouse Grower • Garden Center Management • Horticulture Sales • Nursery Worker • Interior Plant Maintenance

LANDSCAPE & TURF OPERATIONS

The Landscape & Turf Operations course is an intensive program designed for students who are serious about employment in the landscape industry and/or to prepare themselves for further education in a college, university, or trade school. The course provides students with instruction and hands-on work both on the horticulture campus and off, in local horticulture related businesses and residential properties. Topics include landscape equipment use and maintenance, construction with stone and wood, plant care, insect and disease management, landscape design and maintenance.

CAREER OPPORTUNITIES: Landscape Designer/Architect • Crew Leader-Landscape Maintenance/Construction • Park System Maintenance

COSMETOLOGY

COLLEGE TECH PREP

Two-year: GRADES 11-12

Site: Mayfield High School

South Euclid-Lyndhurst students attend program at Brush High School-see below

Credits: Junior Year - 5 credits (1 Theory, 2 Lab, 1 Anatomy/Chemistry, 1 English)

Senior Year - 5 credits (1 Theory, 2 Lab, 1 English; 150 Internship hours for State Board)

This two-year program involves classroom and practical experiences, 150 hours Internship in a salon and English, Science, and Theory designed to assist the student in developing specific skills and the scientific knowledge to be a licensed cosmetologist. Students who successfully complete the program can qualify to take the State Board Examination.

Program Content

- Sanitation Procedures
- Anatomy, Physiology, Basic Chemistry
- Business Management
- Hair Care Procedures which include: Styling, Cutting, Coloring, Permanent Wave & Chemical Relaxing
- Skin Care/ Nail Care
- Salon Safety Procedures
- English Communications

ARTICULATION:

- Cuyahoga Community College - up to 3 credits; 20-30 hours of ATS (Associate of Technical Study Degree)
- Lakeland Community College - up to 3 credits

*SE-L Course Description/Content:

Two-year: GRADES 11-12

Credits: 5 credits each year

(Junior Year - 3 Lab, 1 Anatomy/Chemistry, 1 English;

Senior Year - 1 Related, 3 Lab, 1 English)

This course is designed to offer students specialized training and experiences needed for successful Ohio State Board of Cosmetology licensing. Qualified students will learn: disinfection procedures, anatomy, chemistry and physiology, skin care, nail care. Qualified students will sit for the state license exam spring of the senior year.

Program Content

- Entrepreneurship
 - Reception Duties
 - Communication Skills
 - Professional Ethics
 - Hair care procedures: Styling, Coloring, Permanent Wave & Chemical Relaxing, Facial, Manicures
 - Community Service
 - Leadership/Beyond the Chair/Ohio Skills USA
- ARTICULATION:
- Lakeland Community College - up to 3 credits

Career Opportunities

Esthetician
 Hairstylist
 Make-up Artist/Consultant
 Nail Technician
 Color Technician
 Cosmetic Sales



PUBLIC SAFETY

FIRE/EMS TRAINING ACADEMY

COLLEGE TECH PREP

Two-year: GRADES 11-12

Site: Tri-C East and West (Fire & EMT)

Prerequisite: Complete Sports Physical (when accepted); Parent & student sign waiver of no involvement with Juvenile Court system prior to enrollment

Recommendations: Competence in the following coursework: Biology/ Sciences, Math-Algebra, keyboarding and introductory computer applications

Credits: minimum 3 credits each year

Students interested in Fire and EMS should be in good physical condition, have concern for the well-being of other people, have the ability to work on a team and be able to remain calm under pressure.

The Fire/EMS Training Academy is a two-year program. The first year of the curriculum covers the foundation of firefighting and EMS, which looks at such topics as the history of public safety, ethics, first aid/CPR, the psychology of stress, diversity, communications, Hazmat training and much more. After completion of the initial year, students will then continue into the senior year Fire/EMT program. The Fire/EMT program will be conducted at Tri-C East and West. Students will be able to obtain their Fire Fighter I and II certification, as well as an EMT-Basic certification, allowing them to search for employment in those careers at the age of 18.

Program Content

- Firefighting & EMS Operations
- Safety Awareness
- Life Saving Skills [First Aid / CPR]
- 911 telecommunications course
- Fire Prevention

ARTICULATION:

- Cuyahoga Community College - up to 29 credit hours in Fire/EMT
- OBR-CT² - up to 22 sem credit hours

CERTIFICATION: (possible):

- Junior Year:
 - American Heart Association First Aid
 - American Heart Association CPR
- Senior Year
 - Fire Fighter I & II / -EMT Basic
 - Hazmat Awareness & Operations

Career Opportunities

Fire Fighter/EMT
Hazardous Materials Specialist
Search & Rescue Specialist
Critical Care Transport

Excel TECC by the Numbers...

9 - number of school districts in Excel TECC consortium

20 - number of Excel TECC programs

85 - % of students who go to college, military or immediate employment after high school

100 - % of programs who have students attend college/ university

489 - years of career technical teaching experience of Excel TECC staff

49 - number of new inductees in 2013-14 National Technical Honor Society

993 - number of Tech Prep college credits claimed by 2014 graduating class

9,533,728 - dollars in scholarship earnings by 2014 graduating class



INTERACTIVE MEDIA

COLLEGE TECH PREP

Two-year: GRADES 11-12

Site: Mayfield High School

Prerequisite: Portfolio/work samples

Recommendations: Art 1; Computer related courses

Credits: 3 credits each year (1 Related, 2 Lab)

Interactive Media students learn to use professional level graphic arts computer software for image editing, animation, special effects video, and web design. The computer hardware found in the classroom matches the professional graphic arts work environment. Students utilize digital drawing tablets, scanners, digital photo and video cameras, professional graphics software, and computers with dual display monitors. Students become confident communicating effectively and professionally with adults by doing work for local non-profit organizations and small business clients.

Program Content

- Design/Art Concepts
- Photography/Digital Imaging
- Desktop Publishing
- Graphic Design
- Animation
- Web Design
- Special Effects Video
- Multimedia Production



ARTICULATION:

- Lakeland Community College-up to 13 credit hours
- Art Institute of Pittsburgh-up to 19 credit hours
- Cuyahoga Community College-up to 6 credit hours
- Virginia Marti College of Art & Design-per portfolio review

Career Opportunities

Graphic Designer

Web Designer

Multi-Media Designer

Digital Imaging Specialist

3D Graphic Artist

Animator



ITP-INFORMATION TECHNOLOGY & PROGRAMMING

COLLEGE TECH PREP

Two-year: GRADES 11-12

Site: Mayfield High School

Recommendations: Algebra 1 and Geometry

English 1 & 2 credits earned; computer use, keyboarding & MS Office skills

Credits: 3 credits each year (1 Related, 2 Lab)

ITP provides students with direction and skills necessary to develop one's talents in a wide range of computing fields. With local and national economic and employment trends strongly pulling toward Information Technology, ITP graduates are prepared to effectively pursue their career in today's tech-based economy.

ITP is a College Tech Prep program affiliated with the Lakeland Community College Tech Prep Consortium. ITP students are prepared to further their education on the collegiate level at a four-year, two-year or technical institution, while having the opportunity to earn advanced college credit during their enrollment in ITP.

Program Content

- Computer Programming Logic & Design
- Software & Web-based Programming
- Multimedia Authoring Systems
- Video/Computer Game Development
- Mobile Device App Development
- Networking Technology Fundamentals
- Professional Leadership, Teamwork & Communication Skills
- Computer Maintenance & Repair
- Regional, State & National levels of competition - ITP Competitive Teams and Individuals have earned 33 championship awards since 2002 from College Tech Prep and SkillsUSA including SkillsUSA National Champions in 2007, 2008, 2009 & 2010

ARTICULATION:

- Lakeland Community College -up to 10 credit hours
- OBR-CT² - up to 9 sem credit hours

Career Opportunities

Computer & Information Systems Manager

Mobile Device Software Designer

Computer Engineers / Operators

Medical Software Programmers

IT Security Specialist

INTERVENTION PROGRAMS

A.C.E. - Agriculture & Career Exploration

This program offers 10th-12th grade students an exploration of the various Agriculture occupations with emphasis on entry level job skills. This work-study program is designed for selected students to get first hand experience in the world of work. Students successfully completing various job shadow sites throughout the school year will have the opportunity to gain paid employment. While learning job skills, students will gain knowledge in the areas of: employability skills, positive work habits, communication and interpersonal skills, basic floral design, landscape techniques, plant propagation and care, and general horticulture skills. Students will explore post secondary training at Tri-C, and the Agricultural Technical Institute in Wooster. A.C.E. students become members of FFA, and can join the Ohio Nurserymen and Landscapers Association, and PLANET.

Career-Based Intervention/Gates Mills

This program offers students an exploration of Horticulture-related careers. Half-day is spent at the Gates Mills Environmental Education Center or at work sites. The other half-day is classroom time which includes Virtual Learning academics (Math, Science, English, Social Studies).

Participation guidelines:

- At-risk students ages 14-15; • Referral from guidance counselor and principal

Career-Based Intervention/Tri-C

Section 1: GRADES 9-10 - ADMISSION/GUIDELINES: Counselor recommendation; Interview by instructor; Students must be 15 years old before start of new school year, must attend class and work experience every day of the school year, students and parents must sign a contract.

Section 2: GRADES 11-12 - ADMISSION/GUIDELINES: Counselor recommendation; Interview by instructor; Students must be 16 years old before start of new school year, must attend class every day of the school year, students and parents must sign a contract.

The Career Based Intervention (CBI) program at Tri-C, is designed to serve students 15 years of age or older. The program is aimed specifically at helping students become motivated toward education and exploring work experience and is designed to assist students who possess barriers to career and academic success. CBI is based on the key principles of higher student expectations, studying the common curriculum of the school, providing authentic learning opportunities, having supportive structures, and establishing a sense of belonging. Each student receives job-related instruction in class; students will receive one credit for CBI related, three credits for work experience (180 hrs work=1 credit) and five credits in virtual learning (computer-based learning) and/or traditional classroom model instruction. Credit recovery is an option for students if they are progressing through virtual learning satisfactorily. The student must work outside the school day, earning money as well as credit for graduation. The main goal of CBI students in grades 11-12 is to be able to graduate, to learn employability skills, to implement a career plan, and to participate in career assessment.

Job Training Program

The Job Training program is a community-based vocational option for students who learn best when actively engaged in hands-on learning in non-classroom instructional environments. Students meet weekly at their home school with Job Training instructors. Based on the student's prior experiences, a progression toward competitive employment is determined. Students receive one-on-one support in gaining the skills for successful employment. Through community job placements, students may earn up to 3 vocational-elective credits per year. Students must provide their own transportation to job placements or utilize public transportation. Program outcomes are: job search skills, employability skills, career exploration, and paid work experience. Areas covered include: *Job Searching using Electronic bulletin boards, Internet tools, Networking; Job applications-on-line, electronic transmission of resumes and responses; Interview protocol & Appropriate dress; Competitive Work Skills; Work attitudes & Team participation; Communication & Interpersonal Skills; Work quality, Pace and Work ethic; Self-advocacy & Responsibility.*

Participation guidelines:

- Students with disabilities between the ages of 16 and 21; • Referral from IEP team

HOW TO APPLY

Admission Procedure

Students who are enrolled in one of the Excel TECC consortium districts and who meet the requirements of the program should contact their high school counselor for an application form.

Completed forms are signed by the home school counselor and forwarded to Excel TECC. For further information, please contact

Mr. Joe Hayes (Excel TECC) at 440-995-6761.

(See prerequisites and recommendations for programs; also high school attendance and discipline records are considered.)

Excel TECC Timeline

October/November 2014 -

Excel TECC visits consortium high schools' 10th grade classes

December 11–2014 -

Opportunity Day/Night: Students visit during the day (field trip);

Parents/guardians/students visit during the evening

December 2014/January 2015 -

Applications accepted

January 8–2015 -

Interview Day: Prospective students interview with program teacher (field trip)

February 2015 -

Student acceptance letters mailed; Home school counselors notified

March–August 2015 -

Late applications accepted to programs with openings

August 2015 -

Orientation Day for in-coming 2015-2016 students



STAFF

Director Excel TECCNathan Bishko
 Dean of StudentsJoe Rico
 Guidance Counselor/AdmissionsJoe Hayes
 SecretariesCathy Catullo, Denise Kluk
 VOSE Special Ed. Coordinator.....Sue Giannelli
 Career Development
 (& Excel TECC Marketing)Kay Vincent

Auto MechanicsJoe Neiderst (Lou DiPio, Aide)
 Business AcademyDonna Fronck
 CADD Engineering TechnologyCraig Schmidt
 Cosmetology-Mayfield.....Debby Kall, Maryanne Hummell
 Cosmetology-BrushTheresa Lockhart
 Construction TradesRick Zivny (David Hrudka, Aide)
 Culinary ArtsKortez Wilson, Danette McHale
(Pat Stoltz, Aide)
 Digital Arts & Technology.....Pat Fenner
 Early Childhood EducationPatti Krupinski, Katie Ball
 Environmental EducationBecky Gardner,
Ed Tuhela, Kim Haydu,
Kym Judson, Sam McCracken
(Nancy Farmer, Diane Yerrick,
David Husat, Technical Assists.)
 Fire/EMS Training AcademyMichael Lerman
 Interactive MediaMike Caldwell
 ITP-Information TechnologyRon Suchy
 Marketing-BeachwoodJean Getz, Greg Perry
 Medical TechnologiesJoanna Davidson, Karen Hale
 Performing Arts AcademyTom Fulton, Bernadette Clemmons
(Dusten Welch, Assistant)
 Studio Art & DesignDan Whitely
 Job Training CoordinatorOttolee Umbaugh
(Susan Flowers, Job Trainer)
 CBI/Tri-CDwight Fritz
(Bill Whaley, Math Instructor)

Vocational Director (Brush).....Audrey Walker
 VOSE Coordinator (Brush)Jeff Berenson
 VOSE Coordinator (Solon)Mary Ellen Simecek
 VOSE Coordinator (Beachwood).....Marcia Spence

STAFF BIOGRAPHIES

Katie Ball

Education: BS from Mercyhurst College in Family and Consumer Sciences Education; Kent State University - Career and Technical, Education and care; currently completing Master's Degree at Cleveland State University in Early Childhood Education. *Work Experience:* Early Childhood Education Excel TECC (5 yrs); Middle School Family and Consumer Sciences Teacher for the Millcreek Township School District in Erie, PA. (1 yr) Career Pathways to Teaching Instructor for Lakewood City Schools. (2 yrs). *Hobbies:* Raising my two children (2 year old & 6 month old), baking, reading, sewing and watching sporting events.

Nathan W. Bishko

Education: Cleveland State University-Master of Education in Educational Administration; Bachelors of Science in Physical Education. *Work Experience:* Director of Excel TECC (4 yrs); 7 years in Richmond Heights Local Schools (1 teaching, 4 as Assistant Principal and 2 as Principal of Richmond Heights Secondary School); Physical Education teacher (5 yrs)-Mayfair Elementary and Shaw High School/East Cleveland Schools. *Hobbies:* Spending time with his wife and three children, golfing, basketball, running, reading about golf and watching golf!

Michael Caldwell

Education: Ohio University-MFA; Cleveland Institute of Art-BFA. *Work Experience:* Excel TECC (Mayfield)-Interactive Media program teacher (11 yrs); Ursuline College-Adjunct Graphic Arts Teacher; Fox 8 Cleveland-Broadcast Graphic Design; Cleveland Museum of Art-Educational Technology Coordinator; Self-Employed Web Design; U.S Air Force-Weather Specialist. *Awards:* Lakeland Tech Prep Showcase Interactive Media First Place student team - 2005; Ohio State Skills USA Tech Prep Showcase Interactive Media First Place student teams - 2006, 2010. *Hobbies:* Bicycling, hiking in the great outdoors.

Bernadette Clemens

Education: BA from Barnard College at Columbia University in Theatre; Certificate from the British American Drama Academy; MA from Case Western Reserve University in English Literature. *Work Experience:* 19 years in New York and Cleveland as professional actor, director, and theatre educator. Served 8 years at CWRU and 1 year at The Cleveland Orchestra as Director of National Development and Leadership Development Officer, respectively. Member of SAG-AFTRA and AEA. Co-Artistic Director of Mamai Theatre Company. *Hobbies:* Yoga, reading, hiking, and volunteering on several regional boards and committees.

Joanna Davidson

Education: Notre Dame College - BA, Ursuline College - BSN, Kent State - currently working on Certificate/Excel TECC. *Work Experience:* Excel TECC/Medical Careers/Medical Technologies (7 yrs); Advance Clinical Nurse, University Hospitals of Cleveland; Medical/Surgical Nursing, ICU Nursing, Gastrointestinal Head Nurse at University Hospitals of Cleveland; Maternity Staff RN, Home Care/Hospice Care, Emergency Room/ staff RN, Pediatric Intensive Care Unit-Cleveland Clinic Foundation; Ursuline College Clinical Instructor/Nursing/Maternity and Medical Surgical rotations; Metro Hospital Pediatric Nursing Instructor/ clinical; CPR health certified, HIPAA certified. *Awards:* Award of Excellence from the State Board of Ohio Nurses; Member of the Sigma Theta-National Education Honor Society for Registered Nurses. *Hobbies:* Family and friends, volunteer work-Pancreatic Health Care Volunteer Committee CCF, knitting, sewing, cooking, swimming, football fan, entertaining, decorating and shopping, nature walks.

Patrick Fenner

Education: Kent State University-Masters in CTTE Education and Bachelors in Business Administration; *Work Experience:* Excel TECC Digital Arts and Technology teacher (6 yrs); Hudson Cable Television-Production Assistant (9 yrs); Technology consultant; Cleveland Municipal School District, Hudson City School-Broadcast Journalism technical instructor (6 yrs); Owner of VisualKarmaL Photo, Video and Sound (7 yrs); Cleverock.com-Media editor and head photographer (11 yrs).

Donna Fronck

Education: Kent State University- Bachelor of Business Administration; Cleveland State University-Bachelor of Science in Education; Kent State University-Graduate Studies/Information Technology/Career Technical Education. *Work Experience:* 25 yrs teaching experience-Business Education/Career Techni-

STAFF BIOGRAPHIES

cal Education; National Technical Honor Society Advisor (8 yrs) Business Experience (19 yrs); Owner/Vice-President, Chagrin Computer Services; Harris Publishing Company-Supervisor, Customer Service (4 yrs) *Hobbies:* Gourmet cooking; Interior Design/Architecture.

Dwight Fritz

Education: Thiel College BA History/Comprehensive Social Studies; Youngstown State University-Masters in School Administration; Kent State University-Career Based Intervention certification. *Work Experience:* Career Based Intervention-Tri-C Instructor, Social Studies teacher of record for VLA; Teaching experience-23 years. *Hobbies:* Football and wrestling coach for MHS and for Mayfield Youth football and wrestling; lifting weights, hitting the heavy bag, and working in the yard with my family.

Thomas Q. Fulton

Education: Master of Education, Kent State University; BFA Southern Methodist University - in professional theatre Graduate, Interlochen Arts Academy; Foundation for the Extension and Development of American Professional Theatre-Marketing and Advertising the Arts; Kent State University-Professional Services-Career and Technical Teacher Education. *Work Experience:* Artistic Director, Center Repertory Theatre; Artistic Director, Phoenix Theatre Ensemble; Executive/Artistic Director Cleveland Theatre Company; Company Member (actor, director) The Cleveland Play House; Artistic Director Cain Park Summer Theatre; Member, Actor's Equity Association; Executive Director, Fairmount Center for the Arts; Director, Director of Creative Services Case Western Reserve University; Director of Web Development John Carroll University; Chagrin Falls Performing Arts Academy. *Awards:* Best Professional Production, *The Three Sisters*, Cleveland's Critic Circle; Awards of Distinction in the Arts, Runner Up - *Hamlet*; Best Actor - *Man of LaMancha*, *Fiddler on the Roof*, *Tartuffe*, *Who's Afraid of Virginia Woolf*, The Times Newspapers. *Hobbies:* Grandfather of 4; Tom and his wife Kathy also raise geese, ducks and swans; amateur woodworking; web designer; and novelist, who has been working on a book for the past 20 years to no avail; last but not least, avid fresh water fisherman whenever a lake is on the horizon.

Rebecca Gardner

Education: The Ohio State University-Bachelors degree/Agriculture; Kent State University-Masters degree/Education; Kent State University-Career Based Intervention endorsement, Permanent Teaching certificate. *Work Experience:* Environmental Education Teacher (26 yrs); Horticulture industry experience-florist-design and delivery, garden center-sales, landscaper (8 yrs); Professional Certifications: Ohio Pesticide Applicator; Ohio Garden Center Technician. Professional memberships: Ohio Florists Association, Perennial Plant Association, Ohio Wildlife Federation, Cleveland Botanical Garden, Ohio Turf Grass Association, Ohio Nursery and Landscape Association. *Hobbies:* Softball, gardening, music, hiking, clam bakes, card games, volunteering, spending time with family and friends.

Jean Getz

Education: M.Ed. *Work Experience:* Beachwood High School- Marketing & Communication Program (19 yrs), marketing and business teacher (22 yrs); Advisor for Stock Club (6 yrs); DECA Advisor (19 yrs): Students compete in District DECA with advancement to DECA State/International DECA competitions, yearly; 2002-Present DECA District 10, Executive Council Trustee, representative to Ohio DECA. President OMEA (Ohio Marketing Educators Assoc.) 2005, 2009, 2010. *Awards:* Outstanding Service Award-Ohio ACTE; Trendsetter Award; Teacher of the Year Award -Ohio ACTE; Distinguished Service Award-Ohio ACTE; New Professional Award-Marketing Division; Pacesetter Award; Selected to serve on the MBA Research advisory committee; Reviewer for ODE State Marketing Competency Profile; Reviewer of MARKETING, Thomson/South-Western Publisher, Marketing Research Tech Prep State Competency Profile Committee and E-Commerce Marketing Tech Prep Committee; Business and Marketing Standards Committee; Marketing Standards Review Panel; 2010 Presenter at Marketing Business Association (MBA) National Conclave. *Hobbies:* Golfing and swimming.

Karen Hale

Education: Fullerton College/St. Mary's College -RN/BS; Michigan-MA; University of Akron-PhD; Post-Graduate Fellowship-OVELI (Ohio Vocational Educational Leadership Institute) Licenses: RN-California/Ohio; DHO/DCHO; Vocational Supervisor; Vocational Director; Building Principal; AHA/HealthCare Provider C Instructor; Pathwise Level I & II Instructor; Praxis III Examiner; STNA Train the Trainer-Program Coordinator, published author. *Work Experience:* Excel TECC-Medical Technologies instructor; RN, Clinical Supervisor, Department Manager ICU/CCU, Emergency Room, Surgery (10 yrs); Ashland

STAFF BIOGRAPHIES

University/College of Education Graduate Studies-Professor. *Awards:* OVA Pacesetters-1981 to 1993; OVA T&I President/Program Chair/Board of Education Chair/Nominations Chair; Pi Lambda Theta- National Education Honor Society-President/Member; Iota Lambda Sigma-Program Chair; Mayfield City School District Opening Day Speaker; Outstanding Citizen Award-American Lung Association; American Red Cross National Nurse-#334989; Teacher of the Year-OVA; Ohio Skills USA-Regional/State/ National Advisor; Ashland University Professional Fellow; Cambridge Who's Who 2007, 2008, 2009, 2010; Strathmore's Who's Who Worldwide 2012, 2013; The Ohio State University Center on Education & Training - Allied Health Exam writer; National Youth Leadership on Medicine, Honorary Member; Mayfield Academic Boosters Outstanding Staff Award; Ohio Partnership for Excellence Examiner. *Hobbies:* Being with my family, scuba diving, shopping, and traveling - especially Europe and the United Kingdom.

Kimberly Lynn Haydu

Education: Lakeland Community College-Associate of Arts; The Ohio State University-Bachelors- Science/Agriculture; England Study Abroad Program; Ashland University-Master of Education; CTAE Leadership Academy, Career-Based Intervention Endorsement *Work Experience:* Gates Mills Environmental Education Center Instructor (15 yrs); FFA Advisor, Sea World of Ohio-1999; Mentor Board of Education-1991-1998; Butterflies Flower and Balloons Florist-1995-1998. *Professional Memberships:* Cleveland Botanical Garden, The Ohio Nursery & Landscape Association. *Hobbies:* Travel, gardening, yoga, working out, and spending time with family.

Joseph C. Hayes

Education: Lakeland Community College-Associate of Arts; Baldwin-Wallace College-Bachelors- Certified Kindergarten-8th Grade; Cleveland State University-Masters-Guidance/Counseling. *Work Experience:* Excel TECC-Guidance Counselor (14 yrs); Lander Elementary School (Mayfield)-11 yrs/Kindergarten, 2nd and 4th grade; Certified Business Etiquette Trainer, Certified Communication Skills Trainer, Certified Life Skills Trainer, Co-Pastor local community church (13 yrs); Manufacturing Industry-Materials Inspector and Tool and Die Maker Apprentice (6 yrs); retirement community-Program Service Director (6 yrs). *Awards:* Seven time recipient of the Top 40 Teaching Excellence Award. *Hobbies:* Enjoys being with his wife, children and grandchildren; reading the Bible and doing Biblical research; baseball; hiking; exercising/T-25; amateur etymologist-one who studies the origin of words, their meaning and how their form changes with time.

Maryanne Hummell

Education: Kent State Certificate Program. *Work Experience:* Mayfield High School-Cosmetology Teacher (21 yrs); Cosmetology experience-35 yrs; Attended Hair World/Washington and Las Vegas; Students competition/Midwest Beauty show in Chicago. *Awards:* Award of Excellence from State Board of Cosmetology; Mayfield City Schools Excellence Award; Academic Booster Staff Award; Member-NCA, OEA, OCCTA. *Hobbies:* Reading, vacationing and spending time with grandchildren.

Kym Judson

Education: Lakeland Community College; Kent State University-Bachelor of Science in Education; Masters level work at Lake Erie College. *Work Experience:* 36 yrs in the Horticulture industry including floral design, greenhouse and garden center management; 23 yrs at the Gates Mills Environmental Education Center-11 yrs as Horticulture job trainer and 11 yrs as a Horticulture instructor. *Professional Memberships:* Ohio Florist Association, The Design Network, Ohio Certified Nursery Technician, Ohio Garden Center Technician. *Hobbies:* Travel, gardening and outdoor activities, working out and spending time with my grandchildren.

Deborah Kall

Work Experience: Cosmetology teacher (28 yrs); 35 yrs experience in Cosmetology Field; Attended Hair World/Washington and Las Vegas; Attended Chicago Hairshow and students competed in competition. *Awards:* Award of Excellence from State Board; Mayfield City Schools Excellence Award; Mayfield Booster Award; Golden Apple Award; Member-NCA, OEA, OCCTA; AVIS Recognition; Group Leader at Kent State; VICA competition and Advisor; Advisor of Cats Cabinet. *Hobbies:* Reading, walking, needlepoint and watching the Cleveland Indians.

Patti Krupinski

Education: Bowling Green State University-Bachelor's Degree, Elementary Education, Kindergarten-

STAFF BIOGRAPHIES

Eighth grade; Cleveland State University- Master's Degree, Early Childhood Education: Curriculum and Instruction; Kent State University-Career Technical, Education and Care; Ohio University- Reading Endorsement (PK-12). *Work Experience:* Excel TECC Early Childhood Education Teacher (6 yrs), Kindergarten Teacher (7 yrs), Preschool Administrator (4.5 yrs), Business Owner of Child Enrichment Center (1.5 yrs), Ohio Department of Job and Family Services Early Childhood Education Licensing Specialist (2 yrs); *Professional Memberships:* National Association for Education of Young Children (NAEYC) member. *Hobbies:* Baking, reading, shopping, social networking.

Michael Lerman

Education: Cleveland Clinic School of EMS-Paramedic, Cuyahoga Community College-Professional Firefighter Level II, Kent State University-CTTE Certification; Additional Professional Certifications: State of Ohio EMS instructor, State of Ohio Fire Instructor, State of Ohio Fire Inspector, BLS, ACLS, NIMS, Incident Management, American Heart Association CPR Instructor. *Work Experience:* Fire/EMS Training Academy Instructor, Firefighter/Paramedic (15 years): Chesterland Fire Department-Firefighter/paramedic/Lieutenant, Huron Hospital-Emergency Room Paramedic; University Hospitals Critical Care Transport-Critical Care Paramedic; Lake Health Systems-Instructor; Perry Joint Fire District-Firefighter/Paramedic, Concord Township-Firefighter/Paramedic. *Hobbies:* Spending time with my family, riding my ATV.

Danette McHale

Education: Masters Ed. Curriculum Development and Instruction; BA-Home Economics 7-12, -BA-Vocational Education Multi-Area with a specialization in Food Management and Production; Curriculum Development-MastersEd. (current); Certification-Food Safety and Sanitation (ServSafe). *Work Experience:* Corporate dining facility-kitchen supervisor; Culinary Arts Teacher-29 yrs (Beachwood HighSchool-21 yrs); *Awards:* 2009 Cleveland ACF Culinary Educator of the Year, 2010 NRAEF Certified Secondary Foodservice Educator, 2010 NRAEF Certified Ohio ProStart Instructor 2013 NRAEF Teacher of Distinction. *Hobbies:* baking, sewing, gardening.

Gregory Perry

Education: The Ohio State University-BA; Marygrove College, Michigan -Masters in Teaching. *Work Experience:* Owner, Re-Design-Residential and Commercial Design Company; Marketing Teacher (22 yrs). *Awards:* Junior Achievement National Teacher of the Year, Akron Area Junior Achievement Hall of Fame, Heart of Green Local Hero Award, Hearst Publications New York City, North America Junior Achievement Company of the Year, Fed Ex National Access Award, Greater Cleveland Junior Achievement Company of the Year, Inside Business - "One To Watch"; Recipient, Cuyahoga Falls Teacher of the Year, Martha Holden Jennings Teacher Delegate-National Foundation for Teaching Entrepreneurship - Yale University, National Entrepreneurship Consortium Scholarship Winner, Business and Marketing Standards Committee-ODE and OMEA, Ford Pas GrantRecipient; Junior Achievement Fellows Program, McGraw Hill-Marketing Industry Review Panel, National School Board Association, Ohio School Board Association, Green Building Certification Institute Board Member for Green Classroom Professional Certificate. *Hobbies:* Sailing, working,travel.

Joseph Rico

Education: The Ohio State University-BS/Education; Cleveland State University-Masters/Counseling; Ashland University-Administrators Licensure. *Work Experience:* Mayfield City Schools (21 yrs)-Counseling, -Dean of Students/Excel TECC (13 yrs); Private Schools (6 yrs); Corporate work (4 yrs); Willoughby-Eastlake schools-counselor for at-risk school and the technical school (4 yrs). *Hobbies:* Spending time with family, exercising.

Craig Schmidt

Education: The University of Texas at San Antonio - B.F.A./Architecture; San Antonio College; Kent State University - CTTE Teacher Certification; Notre Dame College. *Teaching Experience:* CADD Engineering Technology (7 yrs), Lecturer of Architecture, Engineering and Fire Science, San Antonio College (5 yrs part-time); Corporate world: Architecture, Engineering, Planning and Development (31 yrs). *Hobbies:* Stock car racing (18 yrs), computers.

Ronald Suchy

Education: University of Toledo-Bachelors Degree/Business Education and Computer Science; Kent State University-Masters Degree/Instructional Technology. *Work Experience:* Mayfield High School:

STAFF BIOGRAPHIES

Business Education/Excel TECC: Information Technology & Programming (17 yrs); Fairless High School (Navarre OH) (3 yrs); St. John Central High School (Bellaire OH) (2 yrs). *Activities:* Advisor for SkillsUSA 2006-Present; 2007, 2008, 2009, 2010 SkillsUSA State and National Championship Advisor; Head Varsity Softball Coach--Mayfield High School; Assistant Varsity Football Coach--Mayfield High School; Director, Hopes Turn at Bat Charity Softball Tournament; USCG Licensed Master; Chairman, Mar-Lu Sport-Fishing Resort, Inc; *Hobbies:* Outdoors activities, sports, reading, history and travel.

Ed Tuhela

Education: BS /Bachelor of Science in Agriculture in Landscape Horticulture; Lake Erie College - Graduate credit (30 hours)-teaching strategies and natural resources; Kent State University - teaching license. *Work Experience:* Mayfield Schools - Gates Mills Environmental Center - Landscape Operations teacher (24 yrs); The Garden Center of Greater Cleveland - Head Gardener (3 yrs); Village Garden Center (1 yr); Hold a commercial pesticide license; Certified Ohio Landscape Technician. *Professional Memberships:* Member of The Nature Conservancy, Ohio Nursery and Landscape Association, Ohio Landscape Association. *Hobbies:* Avid skier, mountain climber, hiker.

Ottilee Umbaugh

Education: Masters of Ed--Special Education, Kent State University; BS--Vocational Home Economics (7-12, Multi-Area Job-Training); Certificate--Interior Design, Akron University. Teaching Certifications: SPED/MH-DH-OH; Voc HE/Multi-Area; Transition Endorsement--JTC, VOSE, WS; Career-Based Intervention Endorsement. *Work Experience:* Excel TECC--Job Training Coordinator (14 yrs); CEVEC, Mayfield OH--Work-Study Coordinator (1 yr); Maplewood Career Center, Ravenna OH--Vocational Instructor, Careers In Service Industries (3 yrs), Job Trainer, Option 4 (1 yr); Kent State University, Kent OH--Teaching Assistant (1 yr); University of Akron, Akron OH--Graduate Assistant (1 yr); Battelle Memorial Institute, Columbus OH--Research Associate (7 yrs); Builders Kitchens, Akron OH--Kitchen Design Assistant (2 yrs); General Building Products, Cleveland OH--Kitchen Design and Sales (2 yrs). *Hobbies:* Quilting, Interior Design, gourmet cooking, reading, cultivating plants, tent sales, hiking.

Daniel Whitely

Education: Master of Arts-Kent State University, Major-Studio Painting; 7-12 Secondary Education Certification-Hiram College; Bachelor Fine Arts/Illustration/Painting-Cleveland Institute of Art. *Work Experience:* Studio Art & Design Instructor, Art Department Chairperson-Shaker Heights City Schools. *Awards:* Presidential Scholars Teacher Recognition Awardees, 2008; The Scholastic Art & Writing Award Outstanding Recognition (formational student work honors): 2003-2009, Ohio Governor's Youth Art Exhibition-Top 25 Teacher 2001, 2008; National Foundation for Advancement in the Arts Teacher Recognition Certificate, 2006-2007 young ARTS program.

Kortez M. Wilson

Education: Associates Culinary Arts; Pennsylvania Culinary; Kent State-BA Technical Education; Certified (ServSafe) proctor/instructor. *Work Experience:* Excel TECC Culinary Arts Instructor; Former Executive Chef Mustard Seed Market & Café; Former Assistant Team Leader (Executive Chef) Whole Foods Market. *Awards:* 2006 SS Kemp Culinary Competition Silver Medalist; 2013 Ohio ProStart Teacher of Distinction. *Hobbies:* Family, exercise, FOOD FOOD FOOD.

Rick Zivny

Education: Kent State Teacher Training program/Career Technical Education. *Work Experience:* Excel TECC-Construction Trades program teacher (19 yrs); NCCER Certification-Master Craft Instructor; Owner/Operator-construction business (16 yrs). *Hobbies:* Fishing, hunting, spending time with family, NFL fan, playing horseshoes.

EXCEL TECC CONSORTIUM SCHOOLS

- **Aurora City School District**

Mr. Russ Bennett, Superintendent;
Mr. Mike Roberto, High School Principal
330.562.3501

- **Beachwood City School District**

Dr. Richard Markwardt, Superintendent;
Mr. Ed Klein, High School Principal
216.831.2080

- **Chagrin Falls Exempted Village Schools**

Mr. Robert Hunt, Superintendent;
Mr. Steven Ast, High School Principal
440.247.2583

- **Mayfield City School District**

Dr. Keith Kelly, Superintendent;
Mr. Jeff Legan, High School Principal
440.995.6810

- **Orange City School District**

Dr. Edwin Holland, Superintendent;
Dr. Paul Lucas, High School Principal
216.831.8600 x2600

- **Richmond Heights Local School District**

Dr. Renee Willis, Superintendent;
Mr. Jason Tidmore, High School Principal
216.692.0094

- **Solon City School District**

Mr. Joseph Regano, Superintendent;
Ms. Erin Short, High School Principal
440.349.6230

- **South Euclid-Lyndhurst School System**

Ms. Linda Reid, Superintendent;
Mr. Karl Williamson, High School Principal
216.691.2065

- **West Geauga Local School District**

Mr. Michael Nutter, Superintendent;
Mr. Jay Bishop, High School Principal
440.729.5950



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