

MICHIGAN CAREER EDUCATION CONFERENCE

January 27-29, 2019 Amway Grand Plaza Hotel, Grand Rapids

www.michigancareerconference.org



STATE OF MICHIGAN DEPARTMENT OF EDUCATION LANSING

SHEILA A. ALLES INTERIM STATE SUPERINTENDENT



GRETCHEN WHITMER

GOVERNOR

Dear Conference Participants:

It is my honor to welcome you on behalf of the Office of Career and Technical Education in the Michigan Department of Education, to the 2019 Michigan Career Education Conference. Thank you to the Conference Planning Committee for the excellent program you have prepared.

Having attended this conference over the years I can honestly say that the time you spend with us will have a positive impact on your professional growth and development. It is my hope that you take the knowledge and resources back to your agencies to make a positive impact on student learning. I know firsthand the valuable relationships which can be developed between business and industry, secondary and postsecondary, counselors, teachers, and administrators, as well as your colleagues from around the state. I hope you take advantage of the many opportunities to learn, grow, and network that this conference has to offer.

Congratulations to the College and Career Readiness and the CTE Outstanding Program Excellence in Practice Award winners for their outstanding programs which exemplify "best practices" in preparing our students for postsecondary education and professional and technical careers.

Please join me in welcoming our Opening Keynote Speaker, Dwayne D. Williams, Tier 1 Educational Coaching, and our Closing Keynote Speaker, Brooks Harper, Brooks Harper Enterprises.

I hope that you enjoy yourselves here at the conference and find it a rewarding professional development experience.

Sincerely,

Brian L. Pyles, Ph.D., Director Office of Career and Technical Education

STATE BOARD OF EDUCATION

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Exhibitor Drawing Don't Miss It!

Participation is Easy:

- Each conference attendee is given six (6) drawing tickets when they sign-in at the conference registration desk.
- While you are visiting the exhibitor area throughout the conference, and view the latest educational products and services, place a ticket in the "bucket" next to the item you would like to enter to win.
- Only the drawing tickets given at sign-in can be used to enter a drawing.
- You may put all your tickets in one bucket or distribute them between the prizes you like by 11:00 am on Tuesday.
- The drawings will be held at the end of the closing session on Tuesday.
- You must be present to win.

SAVE THE DATE

2020 Michigan Career Education Conference

January 26-28, 2020

Amway Grand Plaza Hotel Grand Rapids, Michigan

Connecting Education and Careers

Association for Career and Technical Education MICACTE miacte.org

- + **Professional Development**—High quality opportunities to enrich your curriculum and advance your career.
- + Networking—ACTE will help you create a network for sharing and exchanging ideas.
- ACTE's CareerTech VISION The largest annual gathering of CTE educators, featuring hundreds of sessions and a comprehensive Expo.
- + *Techniques* Magazine ACTE's award-winning magazine features articles that delve into CTE trends, case studies and in-classroom innovations.
- + Career Tech Update and STEM SmartBrief— Tightly written summaries on the most important news affecting the CTE profession and STEMrelated fields delivered directly to your inbox.
- + **Professional Recognition**—The Excellence Awards recognize individuals who have made extraordinary contributions to CTE.

- + Advocacy and National Policy Seminar— ACTE advocates, analyzes and informs policymakers, members and the public about the impact of legislation and funding decisions affecting CTE. Our National Policy Seminar brings 400+ professionals to tell policymakers that CTE programs provide the skills students need to thrive in today's economy.
- + Member Insurance—Complimentary common carrier accidental death and dismemberment insurance, and discounted rates on professional liability and other insurance offerings.
- + Discounts on ACTE Products and Services— Member-exclusive discounts to all ACTE events, CTE publications, resources, and products.
- Invaluable Career Resources—ACTE's online job bank helps you find new and exciting work or the perfect candidate.

Join Today! www.acteonline.org/join





AWARDS PROGRAMS

LEADERSHIP

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NATIONAL IMPACT

PROFESSIONAL DEVELOPMENT

MEMBERSHIP HAS ITS REWARDS

LEADERSHIP

+ Leadership Helping great educators become great leaders

\$1.830 Value



+ Knowledge & Information

Techniques magazine, online seminars and electronic communications

\$305 Value



+ Career Advancement ACTE job bank posting

\$29 Value



+ Advocacy & Policy Legislative updates, briefs and fact sheets

\$143 Value





+ Personal Protection Accidental Death & Dismemberment Insurance

\$99 Value



+ Recognition ACTE Excellence Awards

\$90 Value



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+ Professional Development

CareerTech VISION, National Policy Seminar and Best Practices registrations and ShopACTE purchases

\$1,645 Value



pathfinder **Michigan's New Career Exploration Tool**

Michigan Talent Investment Agency is excited to introduce pathfinder - a one-of-a-kind career exploration tool that's designed to increase the number of Michigan residents with high-quality, in-demand degrees and credentials. Pathfinder provides real-time current Michigan labor market information to students, their parents, guidance staff and all job seekers to help them make informed choices about educational and career options, as well as guides the creation of educational development plans.

With pathfinder, you can:

- Search for exciting and interesting careers
- Discover schools in Michigan that offer programs of interest
- See detailed job projections, annual openings, growth potential, salaries for Michigan
- **View Michigan's top careers**

() pathfinder

YOUR PATH HERE

IAMA ENT

HOT CAREER

START

Word on the street

Feedback from Michigan students, parents, counselors and job seekers demonstrates a real interest and excitement to use the new pathfinder tool and get started on a path.

I AM A STUDENT

"The website is very easy to use. I was able to find the career I want and the schools that can help me get ready for it. I am excited to use this to explore other careers in Michigan."

I AM A PARENT

"Having an 11th-grader this year, I can't wait for this site to be made public! I believe my daughter and I would have fun exploring different educational avenues. This site is great and extremely informative. Thank you for this opportunity!"

I AM A COUNSELOR

"Kids want to know what jobs they are going to be able to get right away out of college and aren't hard to get - like what jobs are going to be in high demand. This will help them learn what path they need to take to get those jobs."



"Having the most current information about jobs available right now is fantastic. I was also able to find information on the training I would need for different careers and wage projections for those careers."



Open the door to new possibilities! PATHFINDER.MITALENT.ORG



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This program is accurate as of press time. Any program updates and/or announcements will be made available to attendees through announcements at general sessions.

Session seating is filled on a first-come-first-serve basis. For the safety of all attendees, we must observe maximum capacity regulations in place by the conference venue.

General Information

Name Badges

Michigan Career Education Conference attendee/exhibitor badges must be worn at all times during the scheduled conference hours, not only as a courtesy to other registrants, but as an indication that your registration has been completed. Name badges are required for entry into all sessions and meal events during the conference.

Color Guard

Our appreciation to the Mecosta-Osceola Career Center Honor Guard, instructed by Officer William Saunders, Joy Paquette, Sargent Mark Danielson, and Mike Harvell, who will open the conference with the Presentation of Colors and Pledge of Allegiance.

Evaluations

Your evaluation of the breakout sessions and overall conference is vital for next year's conference planning. Breakout session evaluations will be distributed by hosts at each session. Please complete a form for each session that you attend and return it to the host. You will receive an email containing an overall conference evaluation to be completed online after the conference. Please complete the survey so that your feedback and suggestions may be used for future planning.

**Please note*: If you sign-up for SCECHs you will receive an additional survey via email that must be completed as part of the process to earn SCECHs.

Exhibit Hours

Exhibitors are located in the Center Concourse and Crown Foyer.Exhibiting hours will be as follows:SundayMondayTuesday4:00 pm - 6:30 pm7:30 am - 4:30 pm7:00 am - 11:30 am

Local Area Information

Experience Grand Rapids has information about local area attractions. Copies are available at Experience Grand Rapid's exhibit table located in the Center Concourse.

Registration Information

The Conference Registration desk is located in the Center Concourse. A schedule for Conference Registration is provided below. Lost and found is also located at the Conference Registration.

Sunday	Monday	Tuesday
3:00 pm – 7:00 pm	7:30 am – 4:30 pm	7:00 am – 11:30 am

Recording, Streaming, and Photography Policies

All presentations and associated materials are the presenters' intellectual property – you must obtain the presenters' permission to record or stream their session or activity in any medium. Recording/streaming for commercial purposes is allowed only with prior written permission from both Ferris State University and the presenter(s).

SCECH Information

There will be one to ten clock hours available at the conference. To receive ten hours, you must attend all sessions in full. Applications for State Continuing Education Clock Hours will be available at the Conference Registration desk located in the Center Concourse.

If you choose to apply for SCECHs, there are a few important steps involved with obtaining the SCECHs.

- 1. You must have completed the SCECH application with your PIC number, and pay the \$10.00 application fee **prior to the start** of the conference.
- You must attend a minimum of 1 session as the Michigan Career Education Conference provides a
 variable offering of 1-10 SCECHs. If presenters release early, you have not met the time block submitted.
 Every effort is made to alert the presenter of this. For the Michigan Career Education Conference, this
 means entering a breakout session on time and staying in the same session for the entire duration of that
 time period.
- 3. You must have the host sign you out at the conclusion of each session. Lunch sessions and keynote sessions are eligible for SCECHs. There will be a monitor available in each session room to sign your sheet as you depart. The conference has several breakout sessions, and you will be provided a sheet with all session opportunities outlined. It is <u>your responsibility</u> to find the monitor at each session to get your form stamped/initialed when you leave the session you must attend the entire session.
- 4. You will receive an email from MOECS NoReply indicating you have 30 days to complete an evaluation form for the event. If you do not complete the evaluation, you will not be awarded SCECHs, nor will you be refunded the application fee. Do not confuse the evaluation of the conference, with the survey for the SCECHs.
- 5. Once you have completed the evaluation, you will be able to access your unofficial transcript. This will show all SCECHs and previous SB-CEUs that you have been awarded. You can print an official transcript from your MOECS account. Your SCECHs will upload to MOECS. Please visit www.Michigan.gov/teachercert for additional information regarding SCECHs.

School Counselor License Renewal

Michigan Compiled Law (MCL) 380.1233 (7-9) was amended in 2017 requiring school counselors to complete fifty (50) professional development hours specific to college and career preparation to renew effective February 6, 2020. These hours are a part of the total required 150 hours of professional development necessary for renewal.

The hours must be accrued as follows:

- · 25 hours college preparation and selection; and
- 25 hours career consultation; 5 of which MUST include the exploration of military career options as it pertains to career opportunities.

Applications for renewal submitted beginning February 6, 2020 will be required to have completed the new professional development requirement. Applications lacking the required professional development hours as specified in law will be placed on "hold" or "denied" pending completion and verification.

If you are *not* seeking to renew your School Counselor License, but attend a School Counselor categorized session you will receive General SCECH credit for the session.

SCECH Information

Locating Your PIC Number: K-12 School District Employee PIC

Your PIC can be accessed by logging into your account in the MOECS system at www.Michigan.gov/moecs, and clicking on "Click here to go to the MOECS Login Page". If you have never been in MOECS before, create a MOECS account by following the directions:

- 1. Click on "Login Assistance" in the MOECS log-in box.
- 2. Enter your first and last name and the last 4 digits of your social security number. MOECS will determine you do not have an account and you will be redirected to create one.
- 3. Go back to the MOECS log-in page and log in with your new log-in name and password assigned through MEIS.
- 4. Answer all of the questions through the initial creation pages, and fill in all required fields. Click "Save" once you have completed these steps.
- 5. Your PIC will be pulled into your MOECS account and located on your Manage Demographics page, just below your email. If it does not appear there within three days, please contact the SCECH Administrator at SCECH@Michigan.gov.

If your PIC is not in your MOECS account, and you are not an MDE certified educator or K-12 school district employee, please contact MOECSSupport@michigan.gov.

SCECH On-Site Registration Information

Please have your PIC number and email address ready to complete the SCECH Application.

Cost: \$10.00 Payment: Cash/Check*

*Please make checks payable to: Ferris State University

You must sign out of each session you attend to receive SCECHs.

Conference Sponsors

Thank You to Our 2019 Sponsors!

The Office of Career and Technical Education, Michigan Department of Education, would like to thank all of the sponsors who have helped make this event possible.

Keynote Sponsor

INVESTMENT AGENCY MICHIGAN DEPARTMENT OF TALENT AND ECONOMIC DEVELOPMENT





Excellence in Practice Sponsor



Coffee Break Sponsors



Career Education Planning District (CEPD) Council

2018 U.S. Presidential Scholars

The U.S. Presidential Scholars Program was established by President Lyndon Johnson in 1964 and has honored almost 7,500 outstanding high school seniors. In 2015 the program was expanded to recognize students who demonstrate ability and accomplishment in career and technical education (CTE).

Since the inception of the CTE component, four Michigan CTE students have been awarded the U.S. Presidential Scholar recognition. Please join us in congratulating three additional CTE students who were presented with the 2018 Presidential Scholar Medallion at an awards ceremony in Washington D.C. sponsored by the White House.

VEENA THAMILSELVAN

Farmington Public School Therapeutic Services, Medical Skills Program



MIKAL GOODMAN

Oakland Schools Technical Campus Northeast Computer Networking



CAITLIN HENNE

Springport High School Agriscience and Natural Resources CTE Program





Excellence in Practice

2019 College and Career Readiness Award

The Career and College Readiness Initiative Award recognizes outstanding practices, programs, or services that demonstrate exemplary support of career/college planning for students (that include their interests, abilities, and skills), promotion of high academic expectations, and linking secondary course taking (including CTE) to prepare for postsecondary education and careers.

Oakland Schools Technical Campus Northeast Engineering and Emerging Technologies

In the Engineering and Emerging Technologies (EET) cluster, students are trained in high tech engineering technologies including virtual simulation, computerized manufacturing, rapid prototyping, and fabrication. The EET cluster is committed to delivering a quality educational system that is equitable, flexible, and continuously improving. Instructors use cutting-edge technology, innovative teaching methods, and the Michigan Talent Architecture rubric for assessing and teaching career ready work habits. EET students continue their training in programs such as the Michigan Advanced Technician Training (MAT2) and Oakland Technical Early College option.

The programs are all hands-on, intensive, and designed to prepare students with the skills necessary to successfully enter engineering and manufacturing technology careers. Since its inception in 2012, a total of 32 students from EET (an 80% acceptance rate), have entered the MAT2 program, representing an estimated \$2.4 million investment by local and global companies in EET students. Within the last five years, three female students received special State of Michigan recognition for their leadership in a nontraditional career pathway with one taking 1st place and receiving the prestigious Breaking Traditions Excellence Award.

2019 CTE Outstanding Programs Award

The Career and Technical Education Outstanding Program Award recognizes a successful, exemplary, state-approved career and technical education program that demonstrates outstanding outcomes, produces measurable results, and leads to documented success in employment or postsecondary education/training.

Mecosta Osceola Career Center The Public Safety Program

The Public Safety program at the Mecosta-Osceola Career Center (MOCC) is the only secondary corrections academy in the State of Michigan approved by the Michigan Sheriffs' Coordinating and Training Council. Students complete state required program content as juniors and enroll in one of three options as seniors: the MOCC Corrections Academy, Emergency Medical Technician-Basic, or Firefighter I & II.

Public Safety students participate in the MOCC's Transition to Success program where atrisk/special-needs 10th grade students rotate through nine CTE programs for four weeks each. Working with a certified special education teacher, these students develop the necessary skill-sets to be successful in a CTE program their junior year. Last year, 89% of students passed the NOCTI Public Safety/Protective Services assessment, and 90% of students successfully completed the Corrections Academy.

The MOCC Public Safety program partners with Big Rapids Public Safety, the Mecosta County Sheriff's Office, Mecosta County EMS, Meceola Consolidated Central Dispatch, the Grand Rapids Fire Department, and township fire departments. Students in the Corrections Academy and EMT program perform clinical hours and/or on-site training at one of these partner locations. Students gain leadership experience by serving as squad leaders and go on to serve their communities in the public safety field.



Excellence in Practice

2019 CTE Outstanding Programs Award

The Career and Technical Education Outstanding Program Award recognizes a successful, exemplary, stateapproved career and technical education program that demonstrates outstanding outcomes, produces measurable results, and leads to documented success in employment or postsecondary education/training.

TBAISD Career-Tech Center Film and New Media Program

Visual messages bombard us daily. Learning to craft clear and specific visual messages that communicate effectively is at the heart of the Film and New Media program. Students learn to analyze, create, and tell compelling and intentional visual stories. They learn the rules and digital syntax of the profession and under what conditions to break the rules. The program fosters self-efficacy and independence, a collaborative and creative mindset, and mastery of skills and techniques through competency-based instruction. Using the latest industry technology and equipment, guided by an expert in the field, students produce real-world content that meets industry standards and expectations. CTC Film and New Media students are prepared to be leaders of the visual revolution.

The curriculum of Film and New Media (FNM) is aligned with the state program standards for Radio & Television Broadcasting Technology. Students are assessed on their ability to synthesize their learning and skills to produce high quality media that reflects industry standard quality. FNM students "freelance" for other programs throughout the Center to practice their skills, and all students develop projects for business and industry partners, awards competitions, and scholarship opportunities.

Outstanding features of the program include stateof-the-art equipment and facilities, access to and collaboration with the 23 other programs at the Center, an active and involved advisory committee, and a reputation throughout the region for producing highly skilled, dedicated students with a second-tonone work ethic. FNM students won the top prizes in a stroke awareness commercial competition sponsored by Munson Hospital. First year students swept the top three awards winning a total of \$2,200 for the program.

Wexford-Missaukee Career Technical Center Best of Both Worlds

The Computer Networking Electronics Technology (CNET) program at Wexford-Missaukee Career Technical Center (WMCTC) in Cadillac offers a fresh perspective on the traditional electronics curriculum. Eight years ago, the Electronics Technology program at the WMCTC was on the brink of closing, enrollment was stagnating, and student interest was at an all-time low. Across the hall the Computer Networking program was bursting at the seams. In a grand cross-curricular scheme, the two programs became one and the CNET program was created. It's the best of both worlds.

The CNET curriculum covers the MDE-CTE program standards for Electrical/Electronics Equipment Installation and Repair General as well as industry standards such as CompTIA A+, CompTIA Net+, ETA AST Competencies, Fanuc Certification Program standards, OSHA Safety, and Microsoft MTA Exam 98-349.

Upon graduation from the CNET program, students have a range of employment options due to the robust curriculum, the extensive set of skills learned, and a passion for the computers and electronics fields. Local manufacturers and businesses recruit CNET students right after high school.

Many students continue to postsecondary training or education in a related career field. Students in the CNET program also have the option to participate in the Wexford-Missaukee Early College, which leads to an Associate Degree in Computer Networking from Baker College of Cadillac. Students blend the CNET program, dual enrollment coursework, and their high school curriculum which leads motivated students to completion of their associate degree at the end of the 13th year. The CNET program serves as a pipeline of skilled technicians to fill jobs within the local manufacturing and IT facilities.



Michigan ACTE Awards

ACTE Administrator of the Year

This award recognizes CTE administrators, program specialists/coordinators and other CTE personnel who have made significant contributions toward innovative, unique and effective CTE programs.

Debra Miller

Debra is the Assistant Superintendent of Secondary Programming at Kalamazoo Regional Education Service Agency. Deb began her career as a Business/Accounting/Computer Programming instructor before moving to KRESA as a Student Service administrator. In 2015, she was promoted to her current role as Assistant Superintendent. During her career, Deb has been instrumental in promoting, developing and implementing career and technical education programming for students across the state. Deb was the grant director of an Algebra II Curriculum Integration grant which provided flexibility for school districts to offer students the ability to fulfill the Algebra II graduation requirement through curriculum integration in the EMIT pathway. Deb was the leading factor in building KRESA's Early Middle College Program which includes 354 students from 9 local school districts. She has served on numerous state and regional committees including the CEPD Executive Board, the MI ACTE Executive Board, the Marshall Plan for Talent for Southwest Michigan, the state Added Cost Referent group, and Teacher Certification Committee. Her statewide presence allows her to be one of the first to implement innovative practices while guiding and assisting her peers in the same.

In addition to these duties she oversees the regions Education for the Arts program and Youth Opportunities Unlimited program.

Deb's leadership skills demonstrate her ability to empower her staff to flourish. Her innovative practices, knowledge of CTE, competency, integrity, and caring heart make her an outstanding educator, administrator, and person.

ACTE New CTE Teacher of the Year

This award recognizes new CTE teachers who have made significant contributions toward innovative and unique career and technical education programs and shown a professional commitment early in their careers.

Savannah Devries

Michigan's ACTE New Teacher of the Year for 2019 is Savannah Devries, CTE Introduction to Nursing and Healthcare Teacher at St. Joseph Public Schools and Allied Health Instructor at Lakeshore High School in Stevensville. Devries is a highly driven nursing professional with a unique combination of experience and skills needed to motivate students and strengthen CTE Health Science Education.

Devries has restarted the HOSA Club. The students plan to attend HOSA events and compete this year. Savannah takes her students on work-based learning trips to PACE (Program for All-Inclusive Care for the Elderly). Devries is actively designing a 2nd year course for her Allied Health class, hoping to turn out students with phlebotomy and Medical Assisting credentials.

Devries has coordinated a "St. Joe Boo the Flu" event with CTE students and professionals from Spectrum Lakeland Hospital. Savannah helped design and set-up a brand new healthcare lab backed by funding from the St. Joseph Public Schools Foundation and CTE funding.

Devries is an effective leader in her county Health advisory group. She is securing partnerships with Spectrum Lakeland Health and has received multiple donations for her CTE program from the hospital. Savannah is also budget savvy and innovative. For example, instead of paying for certifications for students to earn CPR/First Aid credentials, she has offered to become trained and in turn train her students as well as district staff and coaches.

Savannah Devries is helping to inspire the next generation of medical professionals with her wellrounded industry experiences in the healthcare field.



Michigan ACTE Awards

ACTE Career Guidance Award

This award is given in recognition of school counselors and career development professionals who have made significant contributions to advocate, educate and communicate the value of CTE as a viable career option to a variety of audiences in their communities.

Camille Greening

Michigan's ACTE Career Guidance Award recipient for 2019 is Camille Greening, Career and Technical **Education Counselor for Mount Pleasant Public** Schools Gratiot-Isabella Technical Education Center. Camille is a positive support to the students and teachers in the GI-TEC Mt. Pleasant Center. She has developed a rotating career/success poster program where she has displayed different messages in every program classroom in the center. Every two weeks she rotates the posters which gives her the opportunity to build relationships and talk with each class about careers and paths to success. Camille helps seek out and manage work based learning activities for students. Last year over 3/4 of the center's students were involved with a program specific work based learning opportunity. Greening coordinates and facilitates the Career Cruising program to all 9th -10th graders at the largest high school in the consortium. Camille works closely with the Central Michigan Manufacturing Association, along with many other employers, to help lead the development of the GI-TEC Career Day. She has fostered relationships with businesses by participating in "Educator to Industry Tours", Business Open House, and Career Nights.

In addition to all of the efforts to promote and support CTE, Camille also serves as a personal counselor to students. She meets with students for a myriad of personal issues and helps students overcome barriers that stand in the way of their success.

Greening is a highly respected educator and promoter of CTE. She demonstrates this strength with counseling colleagues, administrators, and especially with students. Her great working relationship with area employers is evident by their willingness to support CTE programs.

ACTE Teacher of the Year

This award recognizes the finest CTE teachers at the secondary school level who have demonstrated innovation in the classroom, commitment to their students and dedication to the improvement of CTE in their institutions and communities.

Tom Lowe

Calhoun Area Career Center's Trade and Industrial Education teacher, Tom Lowe, is Michigan's ACTE Teacher of the Year for 2019. Tom has worked to align the curriculum of the Automotive Service Technology (AST) program to NATEF and State standards. Tom has developed and integrated work ready practices necessary to be a successful employee, and fundamental literacy in math, reading, writing, and communication. Lowe uses book studies and reflections, the development of program specific math content that ties directly to the technical work the students do, and project based learning to help students connect the theoretical learning with the real world application inherent in meaningful projects. Some of those teaching strategies include Kagan cooperative learning as well as other methods of differentiated instruction to fully engage his students. The use of technology in instruction is necessary in the automotive field. Tom's support of technology is evident in his classroom and lab and is seamlessly integrated into his automotive curriculum.

A leader for the center, Tom serves on the CACC School Improvement Team. He is a change agent, very open to new ideas and implements them to the fullest. He has modeled instructional strategies and classroom management techniques to staff through professional development presentations and professional learning communities. Lowe has organized an annual car show, which takes place at the CACC. His only motivation for heading this event is to help promote the CACC in the community. Last year Tom was able to secure direct articulation for his students with Glenn Oaks Community College.

A student is quoted as saying, "Mr. Lowe teaches me life lessons, not just automotive."

Acknowledgements

The Office of Career and Technical Education, Michigan Department of Education (MDE), would like to thank the planning committee, technical assistance staff, presenters, and monitors for their hard work, which has made this conference possible. The success of this conference is due to their efforts and the efforts of many others behind the scenes.

2019 Conference Planning Committee

Program Chair

Joanne Mahony, Ph.D., Supervisor, Office of Career and Technical Education, MDE

Committee Members

Clifford Akujobi, State Administration Manager, Michigan Talent Investment Agency

Joe Anderson, Principal, Livonia Career and Technical Center

Dana Hughes, Education Consultant, Office of Career and Technical Education, MDE

Jennifer LaDuke, Principal, CTE Director, William D. Ford Career Technical Center

Chris Machiniak, Career and Technical Education Regional Director, Berrien RESA

Sheree Price, Higher Education Consultant, Community College Services, Michigan Talent Investment Agency

Michelle Radcliffe, Director, Career and Technical Education, Livingston Educational Service Agency

LeAnn Reyes, Career Readiness Unit Secretary, Office of Career and Technical Education, MDE

Gretchen Spedowske, Director, Career and Employability Services, Newaygo County Career-Tech

DeeDee Stakley, Director, Office of Transfer and Secondary School Partnerships, Ferris State University

Jonathan Tobar, Director of Instructional Services, Career and Technical Education, Hillsdale County ISD

Conference Facilitators – Extended and International Operations, Ferris State University

Kale Tissue, Coordinator of Camps and Conferences, Conference and Professional Services

Gary Wendlowsky, Senior Coordinator of Camps and Conferences, Conference and Professional Services

Angela Johnson, Secretary II, Conference and Professional Services

Stephanie Augustine, Project Assistant, Conference and Professional Services

Conference-at-a-Glance

	Sunday, January 27, 2019	Floor
3:00 pm – 5:00 pm	Exhibitor Set-Up – Center Concourse and Crown Foyer	2 nd
3:00 pm – 7:00 pm	Conference Registration Open – Center Concourse	2 nd
4:00 pm – 6:30 pm	Exhibits Open – Center Concourse and Crown Foyer	2 nd
	Monday, January 28, 2019	
7:30 am – 4:30 pm	Conference Registration/Information – Center Concourse	2 nd
7:30 am – 4:30 pm	Exhibits Open – Center Concourse and Crown Foyer	2 nd
7:30 am – 8:45 am	Continental Breakfast with Exhibitors – Ambassador Ballroom	2 nd
9:00 am – 10:30 am	Opening Session: Keynote Speaker, Dwayne D. Williams Excellence in Practice Awards – Ambassador Ballroom	2 nd
10:30 am -11:00 am	Coffee Break with Exhibitors – Center Concourse and Crown Foyer	2 nd
11:00 am – 12:00 pm	Breakout Session A	$2^{nd} 3^{rd} 4^{th}$
12:00 pm – 1:30 pm	Mid-Day Session: Keynote Speaker, Dr. Brian L. Pyles Luncheon – MI ACTE Awards – Ambassador Ballroom	2 nd
1:30 pm – 1:45 pm	Exhibitor Break – Center Concourse and Crown Foyer	2 nd
1:45 pm – 2:45 pm	Breakout Session B	$2^{nd} 3^{rd} 4^{th}$
2:45 pm – 3:00 pm	Exhibitor Break – Center Concourse and Crown Foyer	2 nd
3:00 pm – 4:00 pm	Breakout Session C	2 nd 3 rd 4 th

7:00 am – 11:30 am	Conference Registration/Information – Center Concourse	2 nd
7:00 am – 11:30 am	Exhibits Open – Center Concourse and Crown Foyer	2 nd
7:00 am – 8:00 am	Breakfast Buffet – Ambassador Ballroom	2 nd
8:00 am – 9:00 am	Breakout Session D	$2^{nd} 3^{rd} 4^{th}$
9:00 am – 9:30 am	Coffee Break with Exhibitors – Center Concourse and Crown Foyer	2 nd
9:30 am – 10:30 am	Breakout Session E	$2^{nd} 3^{rd} 4^{th}$
10:30 am – 11:00 am	Exhibitor Break – Center Concourse and Crown Foyer	2 nd
11:00 am – 12:00 pm	Breakout Session F	$2^{nd} 3^{rd} 4^{th}$
12:00 pm – 1:30 pm	Closing Session: Keynote Speaker, Brooks Harper Luncheon – Exhibitor Drawing – Ambassador Ballroom	

Personal Schedule

Use this page to help pre-select sessions. Write in your top choices in the corresponding sections below.

Monday, January 28, 2019

Time/Session	Selection 1	Location	Selection 2	Location
11:00 am – 12:00 pm Session A				
1:45 pm – 2:45 pm Session B				
3:00 pm – 4:00 pm Session C				

Time/Session	Selection 1	Location	Selection 2	Location
8:00 am – 9:00 am Session D				
9:30 am – 10:30 am Session E				
11:00 am – 12:00 pm Session F				



Session Key

Each presentation has been assigned to a category that best represents its content and subject matter: Use the key below to find presentations that relate to the different subjects outlined. You will find these symbols on the right hand side of the presentation descriptions.

Administration Leadership Teacher Quality Evaluations	0
Business and Industry Apprenticeships Labor Market Emerging Careers	•
Career Development Counseling Special Populations	
Community College Postsecondary Articulation	
Curriculum Programs of Study Academic Integration Assessment	*
Early/Middle Colleges Dual Enrollment Concurrent Enrollment	+



SCECH Key

Use the key below to find presentations that qualify to meeting your SCECH application requirements. Symbols are provided on the right hand side of the presentation descriptions.

General SCECH	G
Counselor: College Prep	Р
Counselor: Career Consultation	R
Counselor: Military	Μ

If you are **not** seeking to renew your School Counselor License, but attend a School Counselor categorized session you will receive General SCECH credit for the session.

7:30 am – 4:30 pm	Registration – Information – Exhibits Open	
7:30 am – 8:45 am	Continental Breakfast with Exhibitors	Ambassador Ballroom (2 nd Floor)
9:00 am – 10:30 am	General Session Moderator: Joanne Mahony, Ph.D., Conference Chair, Office of Career and Technical Education, MDE Excellence in Practice Awards Opening Session: Keynote Speaker, Dwayne D. Williams, Tier 1 Educational Coaching	Ambassador Ballroom (2 nd Floor)



Dwayne D. Williams is a school psychologist, author, and educational consultant who provides training to school districts on how to create culturally responsive social emotional learning and trauma-informed programs. Dwayne's work with trauma did not begin as a school psychologist; it began at the age of eight, when he experienced life as a homeless child. Now, as a school psychologist and interventionist, He uses his story and success to inspire children and youth who come from traumatic backgrounds. He uses his story to provide hope and to share the message that all students can become successful—no matter their background, no matter their skin color, no matter their experiences.

Dwayne is the CEO of Tier 1 Educational Coaching, an organization that helps districts adapt instructional practices to meet the cultural needs of culturally diverse learners. He is the author of 7 books, including "An RTI Guide to Improving Performance of African American Students." He has used his curriculum, "Like Music to My Ears: A Hip-Hop Approach to Addressing Social Emotional Learning and Trauma in Schools" with hundreds of students—and coaches practitioners through the process of creating groups that integrate SEL, cognitive behavioral therapy principles, and hip-hop culture. Dwayne is currently a Ph.D. student at the University of Illinois at Chicago (UIC), where he studies curriculum and instruction.

10:30 am – 11:00 am	Coffee Break with Exhibitors		
11:00 am – 12:00 pm	SESSION A	KEY	LOCATION
Today's students will cha don't result in lifetime job Interactive activities will work, and career mobility Kristen Garceau, Care	ity and Transferable Skills in All Classrooms ange jobs many times, but how do we teach "career mobility"? College programs o titles, so career mobility becomes an important factor in these decisions. demonstrate the links between transferable skills, academic content, the world of y. eer Instructor, Kalamazoo Valley Community College ewis Cass ISD / MI ACTE	□ G/P	Berkey Room (3 rd Floor)
This session will discuss postsecondary institution program to meet student partnerships, and studen Leah Melichar, Ferrish	bilege Credit Opportunities college credit opportunities for high school students available through as. Topics include a review of the types of college credit, how to choose the best t academic needs, information about establishing and maintaining successful at success tips. Now Outreach Coordinator, Ferris State University ctor of Transfer and Secondary School Partnerships, Ferris State University	■ G/P	Emerald Room A (2 nd Floor)

Host: Melissa Springsteen, Berrien RESA

Wonday, bandary 20, 2010		
11:00 am – 12:00 pm SESSION A, CONTINUED	KEY	LOCATION
Teacher Certification for Career and Technical Education This session will allow you to meet the Office of Educator Excellence contact, who collaborates with the Office of Career and Technical Education, and to receive the latest updates on certification law and rule changes, and how they affect your teacher certification. Krista Ried, Supervisor, Office of Educator Excellence, MDE Linda Campbell, Analyst, Office of Educator Excellence, MDE Tom Knight, Education Consultant, Office of Career and Technical Education, MDE Host: Pat Yanik, St. Clair County RESA	O G	Emerald Room B (2 nd Floor)
Credential Transparency: State Solutions Understanding and making decisions about credentials is challenging and confusing to students, workers, veterans, employers, and policymakers. This workshop will demonstrate how Michigan's commitment to transparent credential data will improve access, increase accountability, tackle affordability, and meet employer needs. Attendees will learn how credentials can be searched, compared, and understood in new ways that benefit the state and its workers, employers, and students, and better understand the value of committing to credential transparency. Marcia Black-Watson, Division Administrator, SOM-TIA Emilie Rafal, Operations and Programs Manager, Credential Engine Host: Cliff Akujobi, Michigan Talent Investment Agency	♦ G	Gerald R and Betty Ford Presidential Ballroom (1 st Floor)
Evidence-Based Instruction in Allied Health There is value in delivering instruction around cross-curricular proficiency targets and using student evidence to assess learning. Participants will learn how to use proficiency targets to offer relevant, meaningful feedback to students, purposeful lesson planning, and how to use student feedback to build lessons that address gaps in student learning. The allied health team will discuss the evidence-based practices they use and the proficiency targets developed which shape the instruction to integrate the skills of ELA and AH content, how their practice is aligned. Hear how the practice is aligned to move toward student ownership, and the way students are responding to content and feedback. Larissa VanderZee, Teacher, TBAISD Career-Tech Center Katie Swisher, Program Instructor, TBAISD Career-Tech Center Host: Jason Evers, Wayne RESA	* G	Governors Room (2 nd Floor)
Expand Your Health Science Pathway Through Industry Credentials Learn best practices from National Healthcareer Association and Careerline Tech Center on how to successfully implement certifications. Gain insights on how to identify the best certifications for your program, the steps to help your students prepare, and how to create curriculum that aligns with the workforce demands. Nic Hestand, Senior Healthcare Consultant, National Healthcareer Association Renee Slagter, Advanced Healthcare Instructor, Careerline Tech Center Host: Cary Stamas, Kent Intermediate School District	♦ G/R	Grand View Room (3 rd Floor)
Understanding My ASE Certified Automotive, Collision, and Heavy Truck Programs! "Help, I have a CTE automotive program and I'm totally confused!" This presentation is designed for CTE Administrators, Directors, and Principals of ASE certified programs to find out what is needed to successfully maintain or launch a CTE state-approved Automotive program. This session will address all CIP codes (47.0603, 47.0604, 47.0613). Dana Hughes, Education Consultant, Office of Career and Technical Education, MDE Timothy Zilke, President and CEO, ASE Education Foundation Host: Tim Staffen, Calhoun Area Career Center	O G	Haldane Room (3 rd Floor)
Registered Apprenticeship in a Day and 1.0 Information Session USDOL/Office of Apprenticeship will give a brief opening on registered apprenticeship. RAPiD will give the audience an in depth on how sponsors, related training providers and OA have shortened up the process for registering a program start to finish. Questions and answers at the end of the session. Russ Davis, State Director, USDOL/Office of Apprenticeship Host: Mark Pogliano, Jackson Area Career Center	♦ G	Heritage Hill Room (3 rd Floor)
 How to Submit a Quality Early Middle College Application If you are considering opening an Early Middle College (EMC) in your district completing a thorough thoughtful application is the first step. Bring your team to this session and learn how to translate your team's vision into an approvable application. This will be an interactive session; not a sit and get. Lisa Seigel, EMC Consultant, Office of Career and Technical Education, MDE Host: Beverly Brown, EMC Manager, Office of Career and Technical Education, MDE 	+ G	Imperial Ballroom (1 st Floor)

11:00 am – 12:00 pm SESSION A, CONTINUED	KEY	LOCATION
Connecting Students/Parents/Educators to Business Partners This session will share best practices developed by the Gratiot-Isabella RESD and Central Michigan Manufacturing Association to connect students, parents, and educators to business partners. Participants will learn about Student and Parent Career Nights, and Educator to Industry Tours that promote exposure and understanding of skill trades opportunities. Learn how to organize events so they are smooth and effective. Douglas Bush, Associate Superintendent for CTE, Gratiot-Isabella RESD Angie Wood, Vice President, J. Ranck Electric Host: Tara Bride, Office of Career and Technical Education, MDE	∳ G/R	Kendall Room (3 rd Floor)
Igniting Career Awareness and Curiosity in Young Learners: The Value of Early Exposure to the World of Work		
Fun, engaging career awareness programs for young students establish the foundation for a bright future. Darin Newell will lead a conversation about Kuder Galaxy, a system aligned to ASCA standards, inclusive of I Statements, developed by experts, and scalable so students can carry knowledge into middle and high school.	* G	Nelson Room (2 nd Floor)
Darin Newell, Regional Business Development Partner, Kuder, Inc. Host: Robert Smith, Van Buren Tech		
Hands-on "Internet of Things" for Beginners Will your students ride the next wave of technology – connecting things? Join this session to experience the basics of Raspberry Pi, Python, and IoT. You'll construct an IoT Greenhouse, making it smart using sensors, actuators, and "the cloud". Teams enter code, run, and test. Participation is limited to 30. Keith E. Kelly, Program Coordinator Robotics and Automation, Northwestern Michigan College Host: Dorene Hughey, Calhoun ISD	∳ G/R	Pantlind Ballroom (2 nd Floor)
Academics and Agriscience: A Model for Integrated Team Teaching The FFA Broiler Chicken project presents an opportunity to team teach. Learn how three teachers each owned a piece of the project to embed academic standards into the Agriscience curriculum to deliver real- world instruction. Teachers will share materials and walk participants through planning as a model for other CTE units. Brian Matchett, Instructor, TBAISD Career-Tech Center Taffetta Gle, Teacher, TBAISD Career-Tech Center Jessie Fyock, Teacher, TBAISD Career-Tech Center Host: Tommy Cameron, St. Joseph County ISD	* G	Pearl Room (2 nd Floor)
Mentoring the Minuth Way Mentors are everywhere – people in your field of work or role models in your everyday life that model the type of behavior you desire to embody. Branden Minuth believes we mirror behaviors of people around us, which is why it is so important to surround ourselves with the right people. Branden Minuth, U.S. Navy Seals Host: Cindy Philip, Van Buren Tech	♦ G	Ruby Room (2 nd Floor)
Kahoot and Technology Processing Tools - Expanded Kahoot and other technology processing tools can turn a classroom into an active student-centered workshop classroom. This session will show you how to use the expanded functionality of Kahoot and review a variety of expanded applications within the CTE curriculum. The use of these tools can make learning both meaningful and fun at low-cost. Mike Ennis, Professor, Ferris State University Host: Jenny Heath, LISD Tech Center	∻ G	Thornapple Room (3 rd Floor)
Total Talent: Build the Talent Base Needed for Economic Growth and Opportunity The Michigan Higher Education Attainment Roundtable (MIHEART), a coalition of colleges, universities, K- 12 and business and government leaders convened by the Michigan College Access Network (MCAN), will share it's "Total Talent" report – a blueprint for state action – equipping all Michiganders with the education and skills needed for success in the economy of today and tomorrow. John Austin, Director, Michigan Economic Center Brandy Johnson, Executive Director, Michigan College Access Network Host: Linda Blankenship, Allegan County Area Technical and Education Center	♦ G	Senator Vandenberg Room A (2 nd Floor)

11:00 am – 12:00 pm	SESSION A, CONTINUED	KEY	LOCATION
individualized yet holistic into blending instruction, tests as common assess Jeff Blakeslee, Facilita Montyne Barbee, Ass	with core teachers to align ideas and create lessons, students get a more c experience and are better prepared for post-HS life. We'll share our journey lessons, and fun highlighting our very successful use of portfolios instead of sments. ator/Teacher, Plymouth-Canton Education Park istant Principal, Plymouth-Canton Education Park pordinator, Plymouth-Canton Education Park	∻ G/R	Senator Vandenberg Room B (2 nd Floor)
12:00 pm – 1:30 pm	General Session Lunch MI ACTE Awards: Mikki Spagnoli, President, MI ACTE Welcome: Scott Koenigsknecht, Ph.D., Deputy Superintendent, P-20 System and Student Transitions, MDE Mid-Day Session: Keynote Speaker, Brian L. Pyles, Ph.D., Director, Office of Career and Technical Education, MDE Session Title: <i>Career and Technical Education in Michigan</i>		Ambassador Ballroom (2 nd Floor)



Dr. Brian L. Pyles is the State Director for the Office of Career and Technical Education (CTE) in the Michigan Department of Education. As Director, Dr. Pyles' primary role is to provide state leadership for secondary and postsecondary CTE programs. In this capacity, Brian works closely with other Office Directors, the MDE Leadership Team, as well as other state agencies, representing CTE in developing and implementing policy decisions that impact CTE programs in Michigan. Dr. Pyles works closely with the CTE State Director's Association, Advance CTE, providing input at the national level regarding policy implementation and impact of decisions on the state.

Brian's background includes 25 years in the Michigan Public School system serving as a Marketing Teacher, DECA Advisor, Business Department Chair at Niles Senior High School, and as a Regional CTE Director in Shiawassee and Berrien Counties. Through Brian's ability to collaborate, he led the development of the Berrien County Early Middle College and the Genesee County Career and Technical Education Early Middle College.

Brian's passion for CTE began with his experience as a CTE student in the Agriscience Program at the Oakland Schools Technical Campus in Clarkston, Michigan. Throughout his career, Brian has been an active leader, serving on various committees with the Michigan Department of Education and as President for the Michigan Association for Career and Technical Education (MI ACTE) and the Michigan Marketing Educators. Brian has also served as an independent education consultant where he developed education web content for the MI ACTE and wrote guidance for the Southern Regional Education Board for the implementation of work-based learning and student career planning.

Dr. Pyles has a Bachelor Degree of Business Education from Eastern Michigan University, and an MA and Ph.D. in Education Leadership from Western Michigan University. His dissertation research "A Study of Career Preparation Activities Used in Michigan's High Schools" reflects his commitment to CTE learning opportunities for students.

1:30 pm – 1:45 pm	Exhibitor Break		
1:45 pm – 2:45 pm	SESSION B	KEY	LOCATION
Does your school district Come experience a moo Learns, Teacher Externs Jason Luke, Southwe Anne Smith, Career R Kristen Garceau, Care	nd Successful Business Partnerships t desire to increase or improve partnership efforts with business and industry? del that demonstrates results with employers and offers examples like Lunch & ships, Adopt a School and much more. st MiSTEM Director, Kalamazoo RESA Readiness Coordinator, Kalamazoo RESA eer Readiness Coordinator, Kalamazoo RESA of Career and Technical Education, MDE	∳ G/R	Berkey Room (3 rd Floor)
School counselors can le pathways of interest that career development fran initiatives, business/indu Tony Warren, Educati Terri Tchorzynski, Sch	work for Career Development everage career advising and development systems that connect students to t prepares them for in demand careers. Learn about core components of a K-12 nework and how Counselors can align their goals with Michigan's legislative astry needs, and the ASCA National Model. ion Consultant/Counseling and Career Development, Calhoun ISD hool Counselor, Calhoun Area Career Center ski, Eaton Regional Education Service Agency	□ G/R	Emerald Room A (2 nd Floor)
Focusing on the Michiga meet the MMC graduation who will facilitate a conv Denise Teague, Direct	hrough Leveraging MMC Flexibility in CTE Career Pathways an Merit Curriculum flexibility when developing student career pathways that on requirements is possible. Leading the session are experts in CTE and MMC, rersation with participants using examples and best practices from the field. etor of CTE, Monroe County ISD Manager, Curriculum and Instruction Unit, MDE Hillsdale County ISD	∻ G/P	Emerald Room B (2 nd Floor)
NGL Community-Conn Join us for a lively discus Next Generation Learnin Development Departmen knowledge, skills, experi experience using the Fo how the model is being i can transform its high so Scott Palmer, Commu John Paul Rea, Direct Jennifer McFarlane, A Romeo Community S Rich Boggio, Academ	rm! Changing the Secondary School Experience in Romeo using the Ford hected Learning Framework ssion on how Romeo Community Schools, through its partnership with Ford by (Ford NGL) and the support of the Macomb County Planning & Economic int, is changing what high school looks and feels like; graduates armed with iences, and a plan. The focus will be on transforming the high school rd NGL framework of Community-Connected Learning. Participants will learn implemented in Romeo Community Schools and how participant's school/district chool(s) and become part of the Ford NGL network. unity Coach, Ford Next Generation Learning tor, Macomb County Planning & Economic Development Dept. Assistant Superintendent for Academic Services, Schools by Coach, Romeo High School Office of Career and Technical Education, MDE	ئ G	Gerald R and Betty Ford Presidential Ballroom (1 st Floor)
Homework help, classro available at your fingertij and educators! New and Liz Breed, Michigan e	/ Resources for Your Students om activities, Lexile measures, Google Drive, classroom integration, and more ps. From our youngest to oldest students, MeL has something for every learner I seasoned MeL users will benefit from this session. ELibrary Coordinator, Library of Michigan earborn Heights School District	* G	Governors Room (2 nd Floor)
in the county with more t students over the past fir David Devier, Preside Tommy Cameron, CT	Making a Difference //CTE programs are dual enrolling students in nine of the ten programs offered than 250 individual students. The post high school college attendance of these ve years has been more than 60%. Learn how this has been achieved. ent, Glen Oaks Community College 'E Director, St Joseph County ISD e of Career and Technical Education, MDE	+ G/P	Grand View Room (3 rd Floor)

1:45 pm - 2:45 pmSESSION B, CONTINUED	KEY	LOCATION
Where the Rubber Hits the Road to College and Career Success Learn how one CTE center is working with high school junior and senior students in regards to pre- and post graduation planning to make sure they are both college & career ready. Participants will learn what students are accomplishing in 11th grade: completing internet assessments, doing career choice research, discuss ways to get authentic job/career exposure and experience and plan summer college/university trips. In 12th grade it becomes a post-graduation plan which includes logging their college/university exploration activities, job/career exposures, college application steps, FAFSA application activities, scholarship/funding applications, etc. Lindy Daman, College & Career Specialist, Ingham ISD/Wilson Talent Center Host: Margo Hazelman, Eaton RESA Career Preparation Center	□ G/R	Haldane Room (3 rd Floor)
Opportunities for JROTC Today Join colleagues from around the state to learn Best Practice activities and information for JROTC students. This session will have open discussion on the opportunities available for students enrolled in CIP Code 28.0301 Army/JROTC. Sara Horace, CIV US Army, United States Army Host: Jennifer Branch, Clinton County RESA	□ G/M	Heritage Hill Room (3 rd Floor)
Understanding the New Energy Cluster Framework - Get into Energy Michigan! Michigan Energy Workforce Development Consortia will share the proposed new energy cluster framework identifying six career pathways within an approved energy program. Each pathway provides broad technical standards to help students build competency-based skills. The approach also allows the opportunity to develop a stackable credential at the secondary level. Deborah Majeski, Manager – Workforce Development, DTE Energy Amber Fogarty, Energy Talent Pipeline Specialist, Consumers Energy Host: Michelle Radcliffe, Livingston Educational Service Agency	∳ G/P	Imperial Ballroom (1 st Floor)
 Automotive Round Table Discussion Round table opportunity for automotive instructors to connect. This will not be a formal presentation, but an open forum to share best practices and guidance from peers. Jennifer LaDuke, Automotive Roundtable, Monroe ISD Host: Cliff Akujobi, Michigan Talent Investment Agency 	* G	Kendall Room (3 rd Floor)
School Counselor Professional Development Law, Requirements, Credentialing, and Placement Matters School Counselors aid in the success of students therefore they need to remain abreast of college, career, and military options to enhance consultations and the guidance they provide to students. This session will discuss MCL 380.1233 (7-9), the school counselor professional development law, requirements, credentialing, and appropriate placement issues. Beatrice Harrison, Higher Education Consultant, Michigan Department of Education Host: Dorene Hughey, Calhoun Intermediate School District	□ G/R	Nelson Room (3 rd Floor)
Hands-on Python Programming for Beginners This session is a follow-up to the Hands-on "Internet of Things" session. Teams will develop additional Python coding solutions using the IoT Greenhouse. You'll investigate a simple algorithm, code using Python, and test on a Raspberry Pi. Attending the first Hands-on "Internet of Things" session is not required. Keith E. Kelly, Program Coordinator Robotics and Automation, Northwestern Michigan College Host: Cindy Philip, Van Buren Tech	∳ G/R	Pantlind Ballroom (2 nd Floor)
Intellectual Property Rights of K-12 Students Creativity and innovation are cornerstones of education resulting in new ideas, processes, and products. However, schools often fail to recognize that students have ownership rights in the intellectual property they create. This session will discuss these legal rights, and processes to protect both the rights of students and educators. Konnie Kustron, Professor, Eastern Michigan University Frank Norton, Assistant Director, Eastern Michigan University Host: Beverly Brown, Office of Career and Technical Education, MDE	O G	Pearl Room (2 nd Floor)

1:45 pm – 2:45 pm SESSION B, CONTINUED	KEY	LOCATION
Virtual Enterprises: Join the Transformation! Led by student leaders from around the state, this session will explain how Virtual Enterprises has been transformational to business and marketing programs in Michigan, across the country and worldwide. Virtual Enterprises state and regional staff will also be available to discuss experiential learning at its finest! Wendy Schmitt, Great Lakes Regional Director, Virtual Enterprises International Carrie Smith, Marketing Education Teacher, Lapeer County Education & Tech Center Host: Melissa Springsteen, Berrien Regional Education Service Agency	♦ G	Ruby Room (2 nd Floor)
Developing the Pipeline - From K-12 to College CTE Programs Partnerships between K-12 districts and community colleges can yield great results relative to graduation and matriculation to college. This session will discuss the best practices developed at Washtenaw Community College, where after launching a HS Outreach Program, has experienced large increases of both dual enrollment and direct-from-high school enrollments. Brandon Tucker, Dean, Advanced Technologies & Public Service Careers, Washtenaw Community College Loren Townes Jr., College Relations Coordinator, Washtenaw Community College Host: Chris Machiniak, Berrien RESA	∎ G/P	Thornapple Room (3 rd Floor)
Talent Portfolios At St. Clair TEC, students complete a portfolio of their work including their resume, cover letter, industry credentials, WorkKeys certificate, their EDP, examples of their best work, as well as employability skills. View an example of a completed portfolio and learn the development process. Learn how you can replicate the process in your building so that your students can all graduate with a Talent Portfolio. Patrick Yanik, Director of CTE, St. Clair Technical Education Center Bill Saunders, Assistant Director of CTE, St. Clair Technical Education Center Host: Sheree Price, Michigan Talent Investment Agency	∎ G/R	Senator Vandenberg Room A (2 nd Floor)
 What if the Graduation Requirements do not make sense for my Students? As Michigan strives to ensure that all students are "Career and College Ready", the graduation requirements may need to be modified to meet every learners needs. Using the personal curriculum (PC) to individualize the Michigan Merit Curriculum (MMC) can be a great option to make these modifications and individualize their high school course of study. This session explains the modifications that are allowable through a PC as well as guidance on how to make such decisions appropriately. Rashell Bowerman, Instructional Intervention Consultant, MDE Host: Joe Anderson, Livonia Career and Technical Center 	∎ G/P	Senator Vandenberg Room B (2 nd Floor)
2:45 pm – 3:00 pm Exhibitor Break		
3:00 pm – 4:00 pm SESSION C	KEY	LOCATION
Preparing for the Changing World of Work: Whose Job is it anyway? Ensuring that our education and training systems are able to address changing talent needs is critical to Michigan's future economic prosperity, but whose job is it to do this? Share your thoughts on the roles of employers, educators and workforce development in preparing for the future world of work. The focus of this session will be on understanding the skill needs of the future workforce and ensuring that our education and workforce systems can adequately prepare students for career and life success. Attendees will hear from educators on collaborative initiatives in career awareness, career pathways and lifelong learning, and then participate in a facilitated discussion on the challenges and opportunities for building, enhancing and scaling successful strategies for creating the future workforce. This input will be used to inform the SEMCOG/MAC Future Skills Task Force in developing recommendations to create a ready and available workforce to meet the needs of employers and individuals and to further economic growth in Michigan. The report is planned for summer 2019. Naheed Huq, Manager of Talent and Economic Development, SEMCOG Donna McDowell, Workforce Development Project Consultant, Wayne RESA Victoria Gordon, Apprentice Coordinator, Macomb Community College Host: Kelly Dargus, Berrien Regional Education Service Agency	D G/P	Berkey Room (3 rd Floor)

3:00 pm – 4:00 pm SESSION C, CONTINUED	KEY	LOCATION
Transforming Classroom Grading Learn how Van Buren Tech is transforming their grading practices. After 5+ years of analyzing grading practices, teachers at Van Buren Tech are implementing a new, evidence-based grading system with emphasis on both soft skills and academic knowledge. Learn about their standard soft skills rubric and unique grade reporting system. Robert Smith, CTE Director, Van Buren Tech Cindy Philip, CTE Administrator, Van Buren Tech Tracy Johnson, CTE Administrator, Van Buren Tech Host: Jenny Heath, LISD Tech Center	* G	Emerald Room A (2 nd Floor)
Strategies to Build a Successful Relationship with your Elected Official As the expert in your field, you can be a valuable resource to your legislators in advocating the benefits of Michigan Career and Technical Education. Your voice matters and should be heard. You will learn strategies to use in building a strong and successful relationship with your elected officials. Mikki Spagnoli, CTE Director, Lewis Cass ISD/ MI ACTE Deb Miller, Assistant Superintendent of Secondary Programming, Kalamazoo REA Kyle Fiebig, Principal, Muskegon Area Career Tech Center Host: Gretchen Spedowske, Newaygo County Career-Tech	O G	Emerald Room B (2 nd Floor)
 Using a Learning System for Project Based Career Exploration The Session will explore the use of a Learning Management System to deliver project based STEM Career Exploration, with a particular focus on supporting students of all levels, abilities and aptitudes. Andrew Gillies, US Product manager, LJ Create Andrew Knapik, Teacher, Renton Junior High Host: Chris Machiniak, Berrien RESA 	∻ G/R	Gerald R and Betty Ford Presidential Ballroom (1 st Floor)
Computer Science – The Future of Education What is beyond Microsoft Office Specialist Certifications? Microsoft Technology Associate Certifications! Come learn what resources and certifications are available to you through the Microsoft Imagine Academy and Certiport Program along with the new Microsoft Technology Associate certifications that will be released this school year. Jason Majors, Certiport Deployment Manager, Certiport Tom Knight, Education Consultant, Office of Career and Technical Education, MDE Host: Cary Stamas, Kent ISD	∻ G/R	Governors Room (2 nd Floor)
Improving Student Performance - The Gradual Release System In this session, teachers from the Detroit Public Schools Community District share their experiences with applying a customized version of the gradual release teaching system. Learn how applying this system improved student production and elevated all students to a higher learning level. Learn about the tactics teachers are using to work smarter, have happier students, and have no one left behind. Khodr Hussein, Teacher, Detroit Public Schools Community District Brenda Belcher, Principal Leader, CTE and Innovation Schools, Detroit Public Schools Community District Lori Singleton, Vice Principal, Detroit Public Schools Community District Rhonda Turner, Program Supervisor, Detroit Public Schools Community District Host: Sheree Price, Michigan Talent Investment Agency	O G	Grand View Room (3 rd Floor)
High School Arts, A/V Technology and Communication Round Table This session will allow CTE teachers and administrators, from the 10.0202 - Radio & Television, 10.0301 - Graphics and Printing, and 50.0101 - Visual & Performing Arts programs to network, share best practices, strategies, and resources to prepare students for careers in Michigan. Hear from industry professionals, teachers, and organizations. Dana Hughes, Education Consultant, Office of Career and Technical Education, MDE Host: Cliff Akujobi, Michigan Talent Investment Agency	O G/R	Haldane Room (3 rd Floor)
Gender Non-Conformity Individuals who identify as gender non-conforming are at an increased risk for adverse outcomes. These outcomes include not feeling like they fit into a group, elevated risk of self-harm, depression and substance abuse. Educators are in a unique position to provide support and resources to these individuals. By increasing awareness and understanding of the gender non-conforming individual, educators can help to reduce adverse outcomes for this population. Melissa Haworth, DNP(c) Nursing Occupation Instructor, Saginaw Career Complex Host: Dorene Hughey, Calhoun Intermediate School District	G	Heritage Hill Room (3 rd Floor)

3:00 pm – 4:00 pm SESSION C, CONTINUED	KEY	LOCATION
Unpacking the CTE Advisory Committee Tool Kit This session will look into the CTE Advisory Committee Tool Kit and give suggestions on how to make the most of advisory committee meetings. Time will be spent on meetings which are run for current programs, new programs and CTE EMC programs. Mark Forbush, Education Consultant, Office of Career and Technical Education, MDE Host: Robert Smith, Van Buren Tech	O G	Imperial Ballroom (1 st Floor)
NOCTI - Everything you need to know! Join this session to learn about NOCTI and discover everything necessary to implement a successful testing program. Participants will discuss streamlining the process, engaging stakeholders, using scoring data, and making the most of student recognition such as opportunities for college credit, certificates, and digital badges. Randi VanHemert, Project Coordinator, NOCTI Host: Jason Evers, Wayne RESA	☆ G	Kendall Room (3 rd Floor)
Bridging the Technology Gap from K-12 Preparing Students for 21 st Century Careers – In this workshop, we will examine how can we get students technologically ready for any career. This includes taking a closer look at the K-8 grades and their access to a structured technology curriculum. Students must be exposed to everything from coding to productivity technologies on a regular basis. Jacqueline Dunlap, Technology Teacher, Southfield Public Schools Cheryl Dunn, CTE Teacher, Southfield Public Schools Host: Tim Staffen, Calhoun Area Career Center	∎ G/R	Nelson Room (3 rd Floor)
Hands-on Electronic Devices for Beginners This session is the final Hands-on "Internet of Things" session. Students struggling with DIY class projects? A basic understanding of electricity and electronics often makes the difference. Join this active session to experience hands-on electronics using the IoT Greenhouse. Attending the earlier IoT sessions is not required. Keith E. Kelly, Program Coordinator Robotics and Automation, Northwestern Michigan College Host: Tommy Cameron, St. Joseph County ISD	∳ G/R	Pantlind Ballroom (2 nd Floor)
The Secret Sauce of Early Middle Colleges Early Middle Colleges are growing across the nation. But what makes the model unique from traditional schools? This session will explore the outcomes, the various models, and the operational features that make EMCs work. Beverly Brown, EMC Manager, Office of Career and Technical Education, MDE Host: Jonathan Tobar, Hillsdale County ISD	+ G/P	Pearl Room (2 nd Floor)
Law, Public Safety and Corrections Today This session will allow Law, Public Safety and Protective Service teachers from around the state to collaborate on Best Practices in this CIP Code. Attendees will share their hands on learning activities, curriculum and assessment options. Joy Paquette, Public Safety Instructor, Mecosta-Osceola ISD Sgt. Mark Danielson, Corrections Academy Instructor, Mecosta-Osceola ISD Host: Mike Miller, Mecosta-Osceola ISD	∻ G	Ruby Room (2 nd Floor)
Culturally Responsive School-Based Practices In this workshop, Dwayne D. Williams will run a live "mock group" to share exactly how to create culturally responsive social-emotional learning and trauma-informed groups. Attendees will learn proven, culturally responsive strategies they can use to increase student buy-in and to enhance engagement within school-based groups. Dwayne D. Williams, MA, EDS, CEO of Tier 1 Educational Coaching Host: Joe Anderson, Livonia Career and Technical Center	O G	Thornapple Room (3 rd Floor)

3:00 pm – 4:00 pm	SESSION C, CONTINUED	KEY	LOCATION
Join this session to learn h resource in its community discuss trends in CTE, util pathway publication resou with urgent needs, collabo motivated by the urgency of and other credentials to m Terry Burleson, Program	s - Rallying Your Community to Promote Professional Trades now one LCAN was inspired to recreate and publish a new career pathway with hopes of boosting enrollment in local CTE programs. Presenters will izing professional networks and engaging businesses to execute one's own rce. Learn how to stay innovative to capture the attention of varied learners rate to build momentum by merging creative ideas and approaches, and be of equipping our youth and adult learners with college degrees, certificates eet the demands of the workforce. n Manager, Battle Creek College Access Network fficer, Battle Creek College Access Network erris State University	D G/P	Senator Vandenberg Room A (2 nd Floor)
relationships. Presenters collaborating with local age while providing them with Mechatronics program will Timothy Rigling, CTE D Mark Lagerwey, Associa	rd-Missaukee Career and Technical Center's initiative is building unique will share their experience and best practices about building partnerships and encies, organizations, and businesses to help remove barriers for students pathways to career success. Baker College's Early Middle College MAT2	□ G/P	Senator Vandenberg Room B (2 nd Floor)

Host: Michelle Radcliffe, Livingston Educational Service Agency

7:00 am – 11:30 am	Registration/Information/Exhibits Open		
7:00 am – 8:00 am	Breakfast Buffet		Ambassador Ballroom (2 nd Floor)
8:00 am – 9:00 am	SESSION D	KEY	LOCATION
Your Instruction This session will demonst and technical education s guiding their instruction. Tim Vander Meulen, Te	a from Student Self-Assessments and Formative Assessments to Focus trate how the concept of evidence-based recording can be used in a career etting to gather and analyze meaningful data that will assist the instructor in eacher, TBAISD Career Tech Center onia Career and Technical Center	O G/R	Berkey Room (3 rd Floor)
Monroe County Commun for high school faculty to AWS (American Welding welding programs.	y Level Welder Certification Workshop Opportunity - MCCC ity College has received an NSF funded grant which provides financial support attend a summer workshop that will help them to understand the execution of Society) SENSE QC10 Entry Level Welder Certification within their existing Welding Instructor, Monroe County Community College Ilsdale County ISD	∻ G	Emerald Room A (2 nd Floor)
The story of Michigan CT reports, to now, dynamic,		☆ G	Emerald Room B (2 nd Floor)
Michigan Legislation pass career development plan well as, an Educational D how to implement this wo Dana Hughes, Educati Tony Warren, Educatio	nt (EDP) Initiative Update sed updates to Senate Bill 684. Local districts are required to develop a K-12 that includes career awareness, exploration and preparation opportunities; as evelopment Plan (EDP) for 7th graders. This session will provide guidance on rk. on Consultant, Office of Career and Technical Education, MDE on Consultant/Counseling and Career Development, Calhoun ISD urborn Heights School District	∻ G/R	Gerald R and Betty Ford Presidential Ballroom (1 st Floor)
In addition to hearing of the session provides participation that are in the Perkins Fe affect a particular region/a for students with disabiliti accommodations/modification	on Research Coord., Office of Career and Technical Education, MDE	□ G/R	Governors Room (2 nd Floor)
High School Students red apply for jobs. We take the leadership, Microsoft Offic for student success! Mary Jane Ewing, Edu	Learning Valuable Tools and Certifications ure technology skills to communicate, continue with quality assignments, and his to the next level with a balance of life skills, job and business management, ce certification, and dual enrollment with college courses. Fill in missing gaps cator/Teacher, Michigan Youth Challenge Academy , Education Director, Michigan Youth Challenge Academy alhoun ISD	❖ G/P	Grand View Room (3 rd Floor)

8:00 am – 9:00 am SESSION D, CONTINUED	KEY	LOCATION
How Do MiSTEM and CTE Complement Each Other? This session focuses on the connection between MiSTEM and CTE. Participants will learn how to increase career awareness through best practices and activities in STEM related fields and how to encourage K-12 participation in STEM related activities. Participants will review the MiSTEM goals and belief statements, hear about best practices across the state to encourage K-12 participation in STEM related activities, and how these activities complement CTE. Diana Allard, MiSTEM Region Director/CTE Career Network Administrator, GISD Megan Schrauben, Executive Director, MiSTEM Network, DTMB Jason Luke, Southwest MiSTEM Director, KRESA Host: Kathleen Szuminski, Eaton RESA	☆ G/R	Haldane Room (3 rd Floor)
 How Can We Get More CTE Educators into our Profession? The shortage of CTE Teachers across the United States is at a critical level. We must attract college students and second career individuals into our profession. Come and join us in this open discussion to help answer the question of "How can we get more CTE educators into our profession?" Konnie Kustron, Professor, Eastern Michigan University Frank Norton, Associate Director, Eastern Michigan University Host: Sheree Price, Michigan Talent Investment Agency 	O G	Heritage Hill Room (3 rd Floor)
How Employers and Educators Can Build Successful Training Partnerships The Importance of Collaboration: This panel will provide examples of effective partnerships in developing skilled talent in healthcare careers and explore additional ways to expand these best practices across the state. Transforming the customer experience for job seekers and employers is one of the primary tenants of the Michigan Talent Investment Agency's strategic focus. Join us to learn from key state contacts and available supports. Deb Lyzenga, Administrative Manager, Industry Engagement/Sector Strategies, TIA Amy Lebednick, Director of Business Solutions, West Michigan Works! Shana Welch, Executive Director, Grand Rapids Community College Host: Jill Kroll, Office of Career and Technical Education, MDE	∳ G/R	Imperial Ballroom (1 st Floor)
 Developing Cultural Agility to Identify Learner Talent Self-awareness, including identification of one's cultural identity and implicit biases, is key to engaging learners and recognizing learner talents. Often, unhelpful social narratives become reality for educator perception and learner self-perception, resulting in talent not recognized and contributing to learner disengagement, discouragement, and lack of pursuit of career exploration. This session will include a variety of engaging hands-on activities and some lectures to guide participants through definitions of cultural encapsulation, cultural engagement, cultural agility, implicit biases, unhelpful social narratives and the impact on identifying learner talent and engagement for career exploration. Marcy Peake, Director of Diversity and Community Outreach, Faculty Specialist I, College of Education and Human Development, Western Michigan University Host: Beverly Brown, Office of Career and Technical Education, MDE 	□ G/R	Kendall Room (3 rd Floor)
Data Working for You Learn how your data is presented to the public through workforce websites. The Talent Investment Agency will provide updates on programs affecting Career Technical Education, including Pathfinder and MiTrainingConnect, secondary and postsecondary CTE outcome reports on mischooldata.org, and the new partnership with Credential Registry. An interactive overview of each topic will be given and participants will be provided opportunity to provide feedback. Jeni Spaulding, WLDS Specialist, SOM – TIA Natalie Kochendorfer, Specialist, SOM – TIA Host: Yincheng Ye, MDE, Office of Career and Technical Education	♦ G	Nelson Room (3 rd Floor)
Building Detroit's Future through Career and Technical Education Detroit Public Schools Community District has worked closely with the City of Detroit Mayor's Workforce Advisory Board to enhance its CTE programming as part of the workforce development strategy. Participants will hear how the collaboration leveraged support from business and community partners to prepare students for current and future jobs. Brenda Belcher, Executive Director, Office of College and Career Readiness, Detroit Public Schools Community District Nicole Stallings Bates, Deputy Director, Workforce Development, City of Detroit, Mayor's Office Omar Hasan, Program Manager, Workforce Development, City of Detroit, Mayor's Office Host: Cliff Akujobi, Michigan Talent Investment Agency	∳ G/R	Pantlind Ballroom (2 nd Floor)

8:00 am – 9:00 am SESSION D, CONTINUED	KEY	LOCATION
 Work-Based Learning Best Practices and Procedures This session will be presented by Michigan Career Placement Association Board Members and will benefit anyone who places students into work-based learning sites. Focus of this session will be on providing attendees with an understanding of the requirements for coordinating a work-based learning program. Participants will learn about the Pupil Accounting requirements, CTE requirements, and required documentation/paperwork for compliance. Nicole Lord, President, MCPA Host: Tara Bride, Office of Career and Technical Education, MDE 	∻ G/R	Pearl Room (2 nd Floor)
Stop the Boredom!The Real-World Classroom allows students to experience personal finance. The RWC blends real-life experiences with a virtual simulation, transforming courses into an engaging role-playing game where students make real decisions for real consequences. Students manage resources, purchase in-class privileges, acquire assets/liabilities, make investments, deal with the unexpected, and buy grades. Brian Bean, Real-World ClassroomHost: N/A**No SCECH available for this session.	*	Ruby Room (2 nd Floor)
Integrating Technology into Grading Course Work Are you feeling overwhelmed and stressed out by keeping up to date on grading your students' homework projects? If so, this session is for you. Students are hungry for engaging multimedia and immediate feedback. Satisfy those multimedia-hungry minds with technology that is available 24/7. Get an overview of QuickGrader-Grade Assistant. Come be a part of this frank discussion with a few surprises. Jodi Noll, Business Development, Labyrinth Learning Host: N/A **No SCECH available for this session.	*	Thornapple Room (3 rd Floor)
Michigan Department of Corrections - Vocational Village Representatives from the Michigan Department of Corrections will discuss the statewide vocational initiatives for Correctional Education. Topic areas will include the Vocational Village, standardization of Employment Readiness, implementation of Workforce Development and the increase in offenders receiving their vital documents (i.e. Birth Certificate, Social Security Card, Driver's License or State I.D.). Participants will lean how the MDOC is developing public/private sector understanding of vocational training and workforce development inside prison and how they are working to find employers who are committed to hiring skilled ex-offenders with marketable skills and training to address current employment demands. Dean McGregor, Departmental Specialist, Michigan Department of Corrections Robert McGeorge, Assistant Education Manager, Michigan Department of Corrections Thomas Gumper, Principal, Michigan Department of Corrections James Gornick, Principal, Michigan Department of Corrections Host: Mark Pogliano, Jackson Area Career Center	♦ G	Senator Vandenberg Room A (2 nd Floor)
Learning Hacks - Quick and Easy Writing Strategies to Help Improve CTE Students' SAT Scores This session will provide multiple interactive mini-lessons on writing skills, including a live demonstration. Focus will be put on how these strategies help prepare students for the written portions of the SAT. These simple lessons can be introduced in all CTE classes, even if you're not an English teacher! Steve Ambs, Integrated English Instructor, Van Buren Technology Center Adam Westhouse, Integrated English Instructor, Van Buren Technology Center	* G	Senator Vandenberg Room B (2 nd Floor)
Chris Roberts, Integrated English Instructor, Van Buren Technology Center Cindy Philip, CTE Administrator, Van Buren Technology Center Host: Melissa Springsteen, Berrien RESA		

9:30 am – 10:30 am SESSION E	KEY	LOCATION
Implementation of Healthcare Certifications into CTE Healthcare Programs This session will focus on best practices for the design and implementation of healthcare certifications with a CTE healthcare program. The information will be given through a PowerPoint presentation, lecture, and facilitated discussion. Paul Mayuiers, Instructor, Van Buren ISD Host: Cary Stamas, Kent ISD	∻ G/R	Berkey Room (3 rd Floor)
FerrisNow Courses to Complement CTE Programs Join us as we discuss how Ferris State courses complement career and technical education programs. The FerrisNow program offers courses in health professions, engineering technology, computer information, risk management/insurance, career/education planning, and general education to CTE students. Other topics are student benefits of taking college classes and instructor requirements to teach FerrisNow courses Leah Melichar, FerrisNow Outreach Coordinator, Ferris State University Host: Linda Blankenship, Allegan County Area Technical and Education Center	* G	Emerald Room A (2 nd Floor)
MCCTE Navigator Tips and Tricks Bring your device and we will log into Navigator and explore all the resources available. Learn some tips for uploading documents to the CIP Self Review and how to best use Navigator for curriculum planning or preparing for TRAC. Bring your questions to the Navigator experts. Denise Teague, Director of CTE, Monroe County ISD Tom Knight, Education Consultant, Office of Career and Technical Education, MDE Host: Cliff Akujobi, Michigan Talent Investment Agency	* G	Emerald Room B (2 nd Floor)
Strategies for Apprenticeship Readiness Learn how to implement strategies to ensure successful placement of CTE students into Registered Apprenticeships, including: attracting employers, selecting students, providing project-based learning opportunities, and structuring on-the-job training components. GST Michigan Works! and the Genesee ISD will share best practices, along with construction program students who will share their experiences with the program. Wade Keenan, State Administrator, Talent Investment Agency David Rose, Special Projects Coordinator, GST Michigan Works! Diana Allard, MiSTEM/CTE Career Network Administrator, Genesee ISD Host: Jenny Heath, LISD Tech Center	♦ G/P	Gerald R and Betty Ford Presidential Ballroom (1 st Floor)
Empowering Students with Certiport Industry Certifications Learn more about Microsoft Industry Certifications and how they are delivered in the classroom. Join Jason Majors, your Certiport Deployment Manager and former Career and Technical Education teacher to discuss how to turn your classroom into a Certiport Testing Center, reporting and promoting your Certification program. Jason Majors, Certiport Deployment Manager, Certiport Tom Knight, Education Consultant, Office of Career and Technical Education, MDE Host: Tim Staffen, Calhoun Area Career Center	∳ G/R	Governors Room (2 nd Floor)
Delivering Influential Experiences Through a CTE Program Through CTE programs, students engage in developmental tasks to develop a tentative goal related to a career (crystallization), begin to affirm the goal through influential experiences (specification), and determine a path to further pursue the goal (implementation). Participants who have the responsibility to initiate, sustain, and improve secondary career exploratory programming will learn from understanding this student experience and, in turn, will have the knowledge to develop and facilitate influential educational experiences. Ryan Rowe, Superintendent, Madison School District Host: Robert Smith, Van Buren Tech	O G/P	Grand View Room (3 rd Floor)
Career and Technical Education Data on MI School Data MI School Data has recently launched new tools for accessing data regarding secondary and postsecondary career and technical education. These tools include already-created resources from other State of Michigan departments alongside brand new reports. Presenters will demonstrate these resources live on www.mischooldata.org and assist in interpreting for better understanding. Kelsey Heckert, Senior Portal Analyst, Center for Educational Performance and Information Jennifer Pricco, Portal Analyst, Center for Educational Performance and Information Host: Gretchen Spedowske, Newaygo County Career-Tech	O G	Haldane Room (3 rd Floor)

9:30 am – 10:30 am SESSION E, CONTINUED	KEY	LOCATION
 Ethics and Ethical Decision Making – Doing the Right Thing Always! Ethics and ethical decision-making are the ultimate business advantage. In partnership with the Daniels Fund, MBA Research has developed new course guides and learning modules to support a wide variety of business administration courses. Come learn about free resources that are available from the Daniels Fund High School Ethics Initiative to bring ethics into the classroom. Kim Guest, Instructor, Genesee Career Institute and PD Team Counselor, MBA Research and Curriculum Center Host: Jason Evers, Wayne RESA 	□ G	Heritage Hill Room (3 rd Floor)
Collaborating to Solve Educational Conundrums in a CTE Setting Collaboration between school counselors and the special education coordinator in our CTE facility has been essential in finding solutions for our students and the school districts we serve. Join our team for a round table discussion where we will share best practices involving strategies for team communication, coaching teachers, collaborative data collection, and advocating for students. Suzanne DeGraves, Career Guidance Coordinator/School Counselor, Van Buren Technology Center Andrea Robinson, Coordinator of Specialized Instruction, Van Buren Technology Center Ana Maack, Career Guidance Coordinator/School Counselor, Van Buren Technology Center Host: Jennifer LaDuke, William D. Ford Career Technical Center	∎ G/R	Imperial Ballroom (1 st Floor)
Should Dual Enrolled Students Take Online Classes? As more and more students are dual enrolling, how can we be sure they are successful, even in online classes? This session will share best practices and examples of Michigan high schools that support successful online learning. Learn and share to increase student success. Chuck Pearson, Director of Early College Programs, Western Michigan University Host: Tommy Cameron, St. Joseph County ISD	☆ G/P	Kendall Room (3 rd Floor)
 Teacher Revolution Teacher Revolution is a staff development in-service style program designed to help educators see the real world value in the work they do. By sharing engaging stories in how the ideas and learning processes, they are teaching to teens now that translates into professional success as adults for their students. Come away with a renewed passion for the work you are doing. Joshua Spears, Teacher Revolution, Personal Revolution Host: Jennifer Branch, Clinton County RESA 	O G	Nelson Room (3 rd Floor)
Your Professional Growth Partner - Michigan Association for Career and Technical Education Discover how Michigan ACTE supports teachers, paraprofessionals, counselors and administrators in Michigan's career and technology centers and high schools. This interactive session will engage participants in a hands-on format as you learn about Michigan and National ACTE online resources, conferences, and advocacy. Both federal and state legislative updates will be presented. Mikki Spagnoli, CTE Director/ President, Lewis Cass ISD/ MI ACTE Michael Connet, Senior Director, Outreach and Partner Development, ACTE Doug Bush, Associate Superintendent/ President Elect, Gratiot-Isabella RESD/ MI ACTE Host: Tara Bride, Office of Career and Technical Education, MDE	O G	Pantlind Ballroom (2 nd Floor)
Certifications to Enhance College and Career Possibilities From the Southwest Airlines Professional Communications Certification, to EETC Small Engines Certification, to Elanco Veterinary Medical Certification learn how your students can earn one of the 13 industry-backed certifications tested for on the iCEV platform. iCEV's online course content and management tools make classroom implementation simple and easy. Session attendees will access the iCEV system with a free trial, and explore the student certifications as well as the online teaching resources used to deliver the certifications. Ken Bollinger, CTE Curriculum Consultant, CEV Multimedia Tammy Hyatt, Teacher, Lapeer ISD Carrie Ceorge, Administrator, Niles High School Jeremy Glaspie, Teacher, Tuscola Technology Center Host: Dorene Hughey, Calhoun ISD	□ G/R	Pearl Room (2 nd Floor)

9:30 am – 10:30 am SESSION E, CONTINUED	KEY	LOCATION
17 Tips for Teaching Social Media Marketing Teaching social media marketing can be a daunting task. The industry evolves so quickly that instructors don't have time to keep up with the latest trends. This presentation will show you how to structure your course, and give you tips on staying current in the ever-changing social media world. Connor McCook, Stukent, Inc. Host: N/A	*	Ruby Room (2 nd Floor)
Michigan Initiative for Cybersecurity Education Update Cybersecurity is not just for the technology gurus. The Michigan Initiative for Cybersecurity Education (MICE) team is dedicated to helping teachers understand and develop a Cybersecurity education program through various curriculum options and trainings. Participants will review a custom Learning Management System for Cybersecurity Education, and gain knowledge of locating jobs and work- experience in the Cybersecurity field. Join us as we share updated progress, metrics, and success stories from the MICE initiative. Patrick Schultz, Technology Integration Specialist, MICE Dennis Klaas, Instructor, St. Clair ISD Wayne Boggs, Teacher, Hillsdale Area Career Center Host: Mike Miller, Mecosta-Osceola Career Center	☆ G/R	Thornapple Room (3 rd Floor)
Payton's Project: Creating New Career Pathways with PBL A unique blend of two CTC pathways were solicited to solve a real-life problem for a local elementary student. This presentation will demonstrate how the Machining Engineering Technologies class joined forces with Allied Health to use Project Based Learning principles to design and build an authentic project. Kathy VanTil, Allied Health Instructor, Muskegon Area Career Tech Center Brent Nummerdor, Machining Engineering Technologies Instructor, Muskegon Area Career Tech Center Annlyn McKenzie, Curriculum Coordinator, Muskegon Area Career Tech Center Host: Pat Yanik, St. Clair County RESA	* G	Senator Vandenberg Room A (2 nd Floor)
Best Practices for Guiding Student Success in College and Beyond This session will focus on best practices for supporting Early Middle College students throughout their college experience and beyond. Topics will include pre-college preparation, program mentoring, postsecondary partnerships, and community service/work-based learning. Attendees will walk away with strategies for implementing these best practices into their own Early Middle College program. Larissa Hunt, College Coordinator, Van Buren ISD Gloria Jurado-Long, Middle College Mentor, Van Buren ISD Host: Kathleen Szuminski, Eaton RESA	+ G/P	Senator Vandenberg Room B (2 nd Floor)
10:30 am – 11:00 am Exhibitor Break and Last Chance to Enter the Exhibitor Drawing		
11:00 am – 12:00 pm SESSION F	KEY	LOCATION
A Pipeline for Educational Success - KCP Initiative The State of Michigan's Martin Luther King, Jr César Chávez - Rosa Parks (KCP) Initiative is designed to decrease the number of Michigan's educationally or economically disadvantaged citizens. The State provides seed money to universities to support six unique KCP Programs- 7th grade through graduate studies to achieve KCP's goal. Focus will be on secondary education students as they are preparing to attend postsecondary institutions. Participants will learn how to advise students to take advantages of the multiple KCP programs located at all Michigan public universities, community colleges and some private independent colleges. Joseph Baynesan, Postsecondary Education Consultant, Talent Investment Agency Host: Margo Hazelman, Eaton RESA Career Preparation Center	D G/P	Berkey Room (3 rd Floor)
Incorporating College Pathways into Your CTE Programs This presentation will cover the college pathways available to career and technical education students		Emerald Room A

Tuesday, January 29, 2019

11:00 am – 12:00 pm SESSION F, CONTINUED	KEY	LOCATION
Free Web Resources for Career and Postsecondary Exploration and Planning In this session, you will learn about free web resources that students can use to explore their career interests and postsecondary options. Bring your device, as you will discover several useful resources and tools you will want to bookmark! Tracy Miller, Technology Integration Specialist, Kalamazoo Public Schools Host: Mark Pogliano, Jackson Area Career Center	□ G/R	Emerald Room B (2 nd Floor)
Stackable Manufacturing and Engineering Industry Recognized Credentials Partner with best practices of RAMTEC Ohio and world leading companies to provide students and incumbent workers with stackable industry recognized credentials using industry led equipment, competency based curriculum and professional development. These credentials provide local industry alignment and supply a workforce for high demand occupations in manufacturing and engineering. Learn about tools and resources to transition to a more competency-based education model, allowing students to learn at their own pace and earn industry-recognized credentials for mastery of courses. John Burkhart, President, Integrated Systems Technologies Dan Gilbertson, Superintendent, Croswell-Lexington Community Schools Host: Gretchen Spedowske, Newaygo County Career-Tech	∳ G/R	Gerald R and Betty Ford Presidential Ballroom (1 st Floor)
Understanding the CTE Information System Data Reports CTEIS – Learn how to access, export, and analyze the CTEIS data reports to improve program outcomes. Participants are encouraged to bring their own device for hands-on learning. Presenters will address audiences' questions related to CTEIS reports and supporting documents including the use of CTEIS data reports to address specific scenario questions related to program enrollment/completion and outcomes. Yincheng Ye, Education Research Consultant, Office of Career and Technical Education, MDE Valerie Felder, Education Research Consultant, Office of Career and Technical Education, MDE Host: Jill Kroll, Office of Career and Technical Education, MDE	نې G	Governors Room (2 nd Floor)
Industry Certifications for all Students Hear how Dearborn Public Schools uses Precision Exams in their CTE programs. Focus will be on how the reporting tool provides teachers and administrators with valuable detailed data that is broken down by school, exam, class, and the individual student. Precision Exams offers 180 CTE assessments that provide course-level industry certifications and allows testing of all students (not just completers). The robust reporting tool provides teachers with immediate data that will help support program improvement and measure student growth. Alex lund, Regional Director, Precision Exams John Bayerl, CTE/Perkins Supervisor, Dearborn Public Schools Host: Malin Wagner, Dearborn Heights School District	O G	Grand View Room (3 rd Floor)
From Career Cruising to Xello - A New Future-Readiness Program Xello, formerly Career Cruising, helps students gain self-knowledge through assessments and reflection, save careers, schools, programs, experiences to form a vibrant, visual roadmap that's easy to update and share. Xello's interactive lessons make it easy to infuse future readiness in all subjects with clear directions/opportunities for discussion and achieve district/state mandate. Trang Le, Senior Success Manager, Xello, formerly Career Cruising Tony Warren, Education Consultant/Counseling and Career Development, Calhoun ISD Host: Chris Machiniak, Berrien RESA	□ G/R	Haldane Room (3 rd Floor)
Leveraging Community Partnership to Help Pass a Millage Workforce development is everyone's business, as a lack of talented employees can negatively impact entire communities. Come learn how Saginaw ISD, a large, underfunded intermediate school district, worked closely with community partners to pass a CTE millage. Jenny Geno, Director of Career and Technical Education, Saginaw ISD Kathy Stewart, Superintendent, Saginaw ISD Host: Dorene Hughey, Calhoun ISD	♦ G	Heritage Hill Room (3 rd Floor)

Tuesday, January 29, 2019

11:00 am – 12:00 pm SESSION F, CONTINUED	KEY	LOCATION
Effective Linking the Learning: CTE and Core Subject Content via Project Based Learning Learn a strategy/process for effectively integrating the content of a technical field of study with the content and skills of the state mandated high school course requirements. The primary goal of this session is to positively contribute to the efforts of secondary teachers to effectively excite and motivate theirs students' learning. CTE course content can have a powerful impact on student learning when core subject content is effectively integrated. This session will demonstrate the use of project-based learning as a process for achieving integration. The end result: student realization of the relevance of the content and skills acquired from both entities. Dr. Karen Lee, College & Career Pathway Coach, ConnectEd/ United Way of Southeastern Michigan Host: Elizabeth Collins, Office of Career and Technical Education, MDE	∻ G	Imperial Ballroom (1 st Floor)
 MBA ResearchYour Organization! This session will highlight areas of Michigan's statewide membership and how it can be used to help teachers. Attendees will be given information about free tools that teachers can access immediately as well as some valuable tools that aren't free, but worth every penny. Kim Guest, Instructor, Genesee Career Institute and PD Team Counselor, MBA Research and Curriculum Center Host: Michelle Radcliffe, Livingston ESA 	O G	Kendall Room (3 rd Floor)
Capital Region Career Links to MI Bright Future The Capital Region Teach Talent Thrive (T3) community collaborative is implementing MI Bright Future (MIBF) to partner with area businesses to offer career coaching and work-based learning. The Eaton RESA's Career Specialist and Coordinator will share their roles in bringing MIBF to the classroom, the Lansing School District regarding Pathway to Potential Magnet programs, and classroom activities and support from the Workforce Intelligence Network. Michele Strasz, Executive Director, Capital Area College Access Network Heather Algrim, Career Pathways Specialist, Eaton RESA Laura Noffke, Implementation Coordinator, Workforce Intelligence Network Teri Bernero, Director of Pathway Promise, Lansing School District Host: Linda Blankenship, Allegan County Area Technical and Education Center	G	Nelson Room (3 rd Floor)
Identifying and Recruiting Early Middle College Students More than 11,000 students are currently enrolled in Early Middle Colleges (EMC) in Michigan. This session will address ways in which EMCs can be purposeful in the identification and recruitment of the "students in the middle". Beverly Brown, EMC Manager, Office of Career and Technical Education, MDE Chery Wagonlander, Executive Director, MEMCA Host: Lisa Seigel, Office of Career and Technical Education, MDE	+ G/P	Pearl Room (2 nd Floor)
 Pro-Mo-TEd: A Solid Route to CTE Teacher Certification Professional Modularized Teacher Education at Ferris State University is in its 18th year of linking future CTE instructors to the classroom. Participants will learn about the application and coursework requirements. Emphasis will be placed on what it takes to be successful through a professional cohort. Mike Ennis, Professor, Ferris State University Michelle Kelenske, Certification Officer, Ferris State University Host: Kelly Dargus, Berrien RESA 	O G	Thornapple Room (3 rd Floor)
Students, Educators and Industry: Connecting the Dots. Connecting the dots. Connections between education and industry are critical to the success of any CTE program. This session will offer a concise approach to developing industry partnerships that includes the use of tools such as MIBrightFuture. Hear examples of how industry and education are partnering to provide students with meaningful career-related experiences. Andrew Maurer, Career Focused Education Consultant, Oakland Schools Jennifer Kluesner, Career Focused Education Consultant, Oakland Schools Host: Tara Bride, Office of Career and Technical Education, MDE	□ G/R	Senator Vandenberg Room A (2 nd Floor)

Tuesday, January 29, 2019

11:00 am – 12:00 pm SESSION F, CONTINUED

The Beginner's Guide to Google Classroom

This session is for any CTE teacher or administrator who wants to quickly learn how to get up and running with their first class in Google Classroom. Learn the basics of what this workflow management tool has to offer. Every participant will have the opportunity to create a Google Classroom for their use. Senator Please bring a laptop. Vandenberg Kathy VanTil, Allied Health Instructor, Muskegon Area Career Tech Center G Room B

Brent Nummerdor, Machining Engineering Technologies Instructor, Muskegon Area Career Tech Center

Annlyn McKenzie, Curriculum Coordinator, Muskegon Area Career Tech Center **Host:** Dana Hughes, Office of Career and Technical Education, MDE

12:00 pm – 1:30 pm

Lunch Exhibitor Drawing

General Session

Ambassador Ballroom (2nd Floor)

LOCATION

(2nd Floor)

KEY

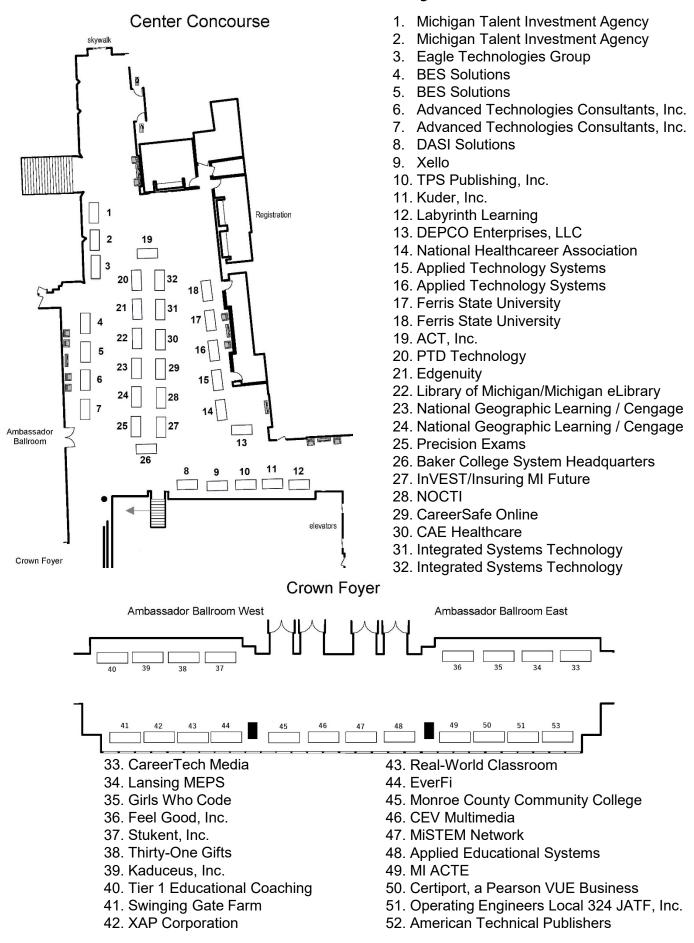
Closing Session - Keynote Speaker: Brooks Harper, Brooks Harper Enterprises



Brooks Harper is the premier College and Career Readiness and Soft Skills Speaker in America! He provides Keynotes, Workshops, and Training Material for students and professionals helping them discover, develop, market and sell their talents, skills and abilities that bring tangible value to the market place. He connects-the-dots between today's decisions and tomorrow's college and career options. Brooks draws from 15 years of leadership experience in Corporate America to invest in and inspire our current and future workforce!

"If you could write your own job description, what would it be?" This was a life changing question for Brooks. Years before he became an Author and one of the most sought after Career Speakers in the country, he worked in Customer Service, Sales, and Management with four publicly traded companies. He made a great living while gaining valuable experience, yet his career lacked fulfillment. Every Sunday afternoon he would get a sick feeling in his chest. It was anxiety from dreading work on Monday. Brooks set out on a journey to turn his passion for helping others into a paycheck. He went on so many interviews it became, for him, an extreme sport! Then he was asked a simple but soul searching question: If you could write your own job description, what would it be?

Exhibitor Layout



Exhibitors

Thank you to the 2019 Michigan Career Education Conference Exhibitors!

ACT, Inc. (Table #19) George Schlott 500 ACT Drive Iowa City, IA 52243 george.schlott@act.org

Advanced Technologies Consultants, Inc. (Tables #6-7) Andy Close 110 W. Main Street Northville, MI 48167 andyclose@atctrain.com

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Early/Middle Colleges	Beverly Brown	335-4670
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		<u>(Area Code 517)</u>
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Energy Cluster	Career Readiness Unit	241-5341
Entrepreneurship	Career Readiness Unit	241-5341
Excellence in Practice Awards	Muhammed Sadek	241-5343
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FACTS Brochure	Valerie Felder	335-1066
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Gender Equity	Elizabeth Collins	241-2091
GEDs	LARA	335-5858
Government and Public Administration Cluster	Career Readiness Unit	241-5341
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Health Occupations of America	Mark Burley	347-8088
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Hospitality and Tourism Cluster	Career Readiness Unit	241-5341
Information Technology Cluster	Tom Knight	241-5345
Juvenile Offender Grants	Christine Black	241-0260
Law, Public Safety, Corrections, and Security Cluster	Career Readiness Unit	241-5341
Less-Than-Class-Size Contracted Instruction Programs	Career Readiness Unit	241-5341
Manufacturing Cluster	Dana Hughes	335-0359
Marketing Cluster	Career Readiness Unit	241-5341
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New CTE Administrator Information	Joanne Mahony	335-0405
New CTE Program Planning Process	Career Readiness Unit	241-5341

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Participation Survey	Muhammed Sadek	373-4584
Perkins Consolidated Annual Report	Jill Kroll	241-4354
Perkins Regional Allocation Formula	Muhammed Sadek	373-4584
Perkins State Plan	Christine Black	241-0260
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Proprietary Schools	LARA	241-9221
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Section 61a(1) (Added Cost) Allocations & Expenditure Policy	Joan Church	335-0360
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Section 61a(2) Administrator Reimbursement	Joanne Mahony	335-0405
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Carl D. Perkins Grant

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Darlene Miller	(517) 930-9113
Sheree Price	(517) 930-9120
Tracey Taylor	(517) 930-9121

Going Pro Talent Fund

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Virginia Zimmerman													(517)	449-8900

MAT Squared (MAT²)

Sector Strategies

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Tamara Gaines
Misha Gaffney
Rey Guzman
Elise Tuck

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Tangie Jones
Natalie Kochendorfer (517) 241-9854
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Paula Hengesbach, Administrative Secretary (517) 335-7418
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Erin Desnoyer
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Chelsea Mates
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vareer and Education	Auvisory	Council	(UEAU)
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Postsecondary Perkins Contact Information

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ext. 2315 ext. 360

Institution	Occupational Dean	Phone Number
Alpena Community College	Ms. Deborah Bayer	. 989-358-7458
Bay College	Ms. Cindy Carter	. 906-217-4107
Delta College	Ms. Virginia Przygocki	. 989-686-9276
Glen Oaks Community College	Dr. Patricia Morgenstern	. 269-294-4247
Gogebic Community College	Mr. Erik Guenard	. 906-932-4231 ext.
Grand Rapids Community College	Ms. Amy Koning	. 616-234-3405
Henry Ford College	Ms. Lisa Masi	. 313-317-1770
Jackson College	Ms. Jolene Chapman	. 517-796-8502
Kalamazoo Valley Community College	Mr. Thomas Buszek	. 269-488-4269
Kellogg Community College	Dr. Jan Karazim	. 269-965-3931 ext.
Kirtland Community College	Mr. Steven Fosgard	. 989-275-5000 ext.
Lake Michigan College	Dr. Kenneth Flowers	. 269-927-4103
Lansing Community College	Ms. Tracy Labadie	. 517-483-1056
Macomb Community College	Mr. Joe Petrosky	. 586-445-7515
Mid Michigan Community College	Mr. Shawn Troy	. 989-386-6658
Monroe County Community College	Mr. Parmeshwar Coomar	. 734-384-4209
Montcalm Community College	Ms. Amy Eady	. 989-328-1240
Mott Community College	Dr. Amy Fugate	. 810-762-0237
Muskegon Community College	Dr. Edward Breitenbach	. 231-777-0526
North Central Michigan College	Mr. Charles Hayes	. 231-348-6619
Northwestern Michigan College	Dr. Susan Decamillis	. 231-995-1014
Oakland Community College	Mr. Donald Hutchinson	. 248-232-4312
St. Clair County Community College	Ms. Tamara Kenny	. 810-989-5849
Schoolcraft College	Dr. Robert Leadley	. 734-462-4567
Southwestern Michigan College	Dr. Stacy Horner	. 269-782-1220
Washtenaw Community College	Mr. Brandon RoderickTucker	. 734-677-5087
Wayne County Community College District	Ms. Shawna Forbes	. 313-496-2587
West Shore Community College	Ms. Christina Christmas	. 231-843-5834
Bay Mills Community College	Ms. Samantha Cameron	. 906-248-3354
Ferris State University	Dr. Roberta Teahen	. 231-591-3805
Lake Superior State University	Dr. Lynn Gillette	. 906-635-2211
Northern Michigan University	Mr. Robert Eslinger	. 906-227-2190

Carl D. Perkins Grant

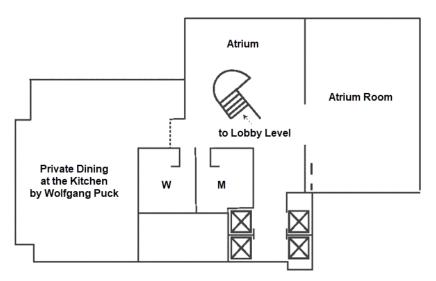
A partnership between the Talent Investment Agency (TIA), twenty-eight community colleges, three public universities, and one tribal college in Michigan to provide technical assistance for Carl D. Perkins Career and Technical Education grants. The mission is to promote access to, retention in, and completion of individual student goals in quality and comprehensive career and technical post-secondary education. The program allocates federal funds and provides technical assistance to:

- Develop new occupational programs
- Improve career guidance & counseling activities

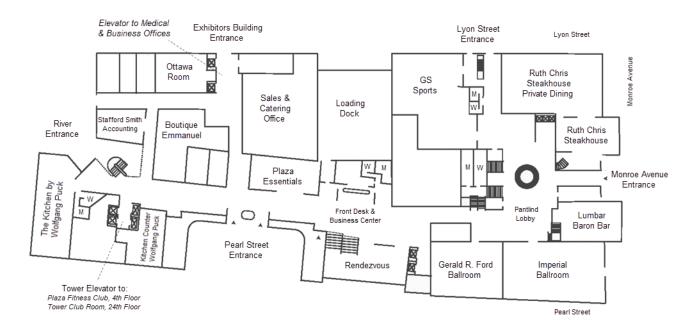
Upgrade the skills & competencies of occupational education faculty & staff
 Improve the transition of students between secondary, community colleges, four-year institutions & the work place
 Learn more at: www.michigancc.net

Venue Map

Lower Level, Atrium Level



First Floor, Lobby Level



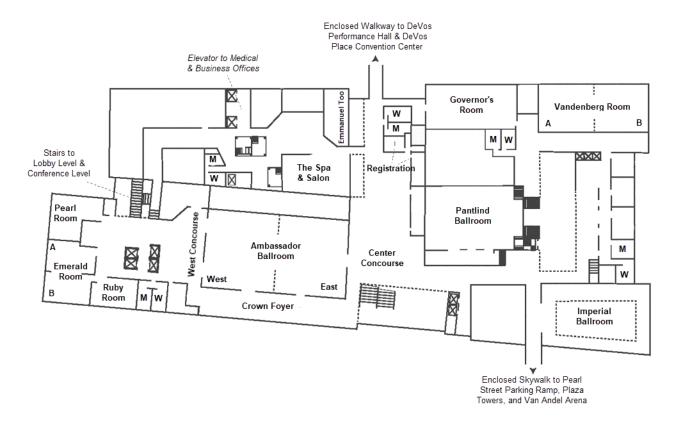
First Floor, Lobby Level Attributes:

Breakout Session Rooms:

- Gerald R. and Betty Ford Presidential Ballroom
- Imperial Ballroom

Venue Map

Second Floor, Concourse Level



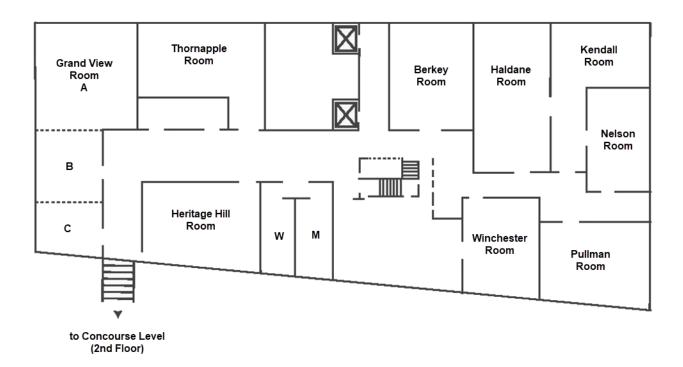
Second Floor, Concourse Level Attributes:

Conference Registration – Registration Area Conference Exhibitors – Center Concourse and Crown Foyer General Session – Ambassador Ballroom Breakout Session Rooms:

- Emerald A
- Emerald B
- Governor's Room
- Pantlind Ballroom
- Ruby Room
- Vandenberg A
- Vandenberg B

Venue Map

Third Floor, Conference Level

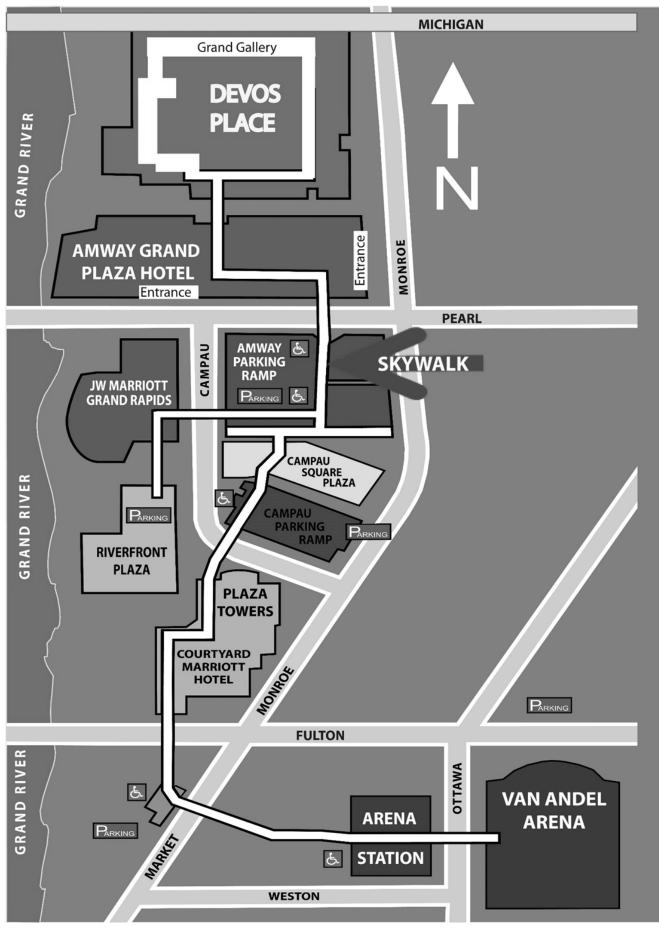


Third Floor, Conference Level Attributes:

Breakout Session Rooms:

- Grand View Room (A-C)
- Thornapple Room
- Berkey Room
- Haldane Room
- Kendall Room
- Nelson Room

Grand Rapids Skywalk





Casandra E. Ulbrich, President Rochester Hills

Pamela Pugh, Vice President Dearborn

Michelle Fecteau, Secretary Detroit

Tom McMillin, Treasurer Oakland Township

Tiffany Tilley, NASBE Delegate Grand Rapids

> Lupe Ramos-Montigny Grand Rapids

> > Nikki Snyder Dexter

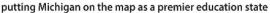
Judith Pritchett Washington Township

Governor Gretchen Whitmer Ex Officio

Sheila A. Alles, Interim Chairperson Interim Superintendent of Public Instruction Ex Officio

Marilyn Schneider, State Board Executive







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