

# 2023 MICEC

Michigan Career Education Conference

## Conference Program



January 29 - 31, 2023

Amway Grand Plaza Hotel | Grand Rapids, Michigan

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# CURATE CAREERS

# THAT CATER TO THEIR LIVES.



## Discover the world of opportunity in hospitality.

Hospitality is one of Michigan's fastest growing industries. We can help your school put students on the fast track. The Michigan Hospitality Foundation has the state's leading and most comprehensive programs that provide high school students with hands-on experience, local apprenticeship and mentorship to guide them to success. Enjoy a little hospitality on us with some relaxation stations in our Oasis Room on the second floor and learn more at our adjacent booth.



[MiHF.org/CareerEd](https://MiHF.org/CareerEd)







STATE OF MICHIGAN  
DEPARTMENT OF EDUCATION  
LANSING

GRETCHEN WHITMER  
GOVERNOR

MICHAEL F. RICE, Ph.D.  
STATE SUPERINTENDENT

Dear Conference Participants:

It is my honor to welcome you on behalf of the Office of Career and Technical Education at the Michigan Department of Education, to the 2023 Michigan Career Education Conference. Thank you to the conference planning committee for the excellent program you have prepared.

Career and Technical Education (CTE) and Early Middle College (EMC) programs and enrollment continue to grow in Michigan! CTE enrollment rose by 3% in 2021-22 compared to 2020-21, with over 106,000 students enrolled in 2,130 CTE programs. In addition, CTE program completers increased by over 65 percent from 27,014 in 2014-15 to 44,609 in 2021-22. Early Middle Colleges have increased from 71 in 2014-15 to 176 in 2021-22. EMC student enrollment has increased from 6,485 in 2014-15 to 15,013 in 2021-22.

The Michigan Department of Education (MDE) Career Pathways Grant continues to increase credential options for secondary CTE students. All CTE students, including special populations students, have opportunities to earn postsecondary recognized credentials, including industry recognized credentials of value to employers, certificates of completion of apprenticeships, state and national licenses and degrees. The collaboration, leadership, dedication, and efforts to complete this work, in partnership with Michigan's Intermediate School Districts, is noteworthy.

I am excited to share new communication and marketing tools with you, such as new credential tips sheets, new At-A-Glance documents, and a new Michigan CTE Month Tool Kit. I invite you to visit the MDE website, often, to find the latest news and up-to-date information for CTE and EMC programs in Michigan, at [www.michigan.gov/octe](http://www.michigan.gov/octe).

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

Be sure to take advantage of the many opportunities this conference offers to learn, grow, and network. Having attended this conference over the years, I am certain that the time you spend with us will have a positive impact on your professional growth and student learning.

Please join me in welcoming our opening keynote speaker, Sheriff Chris Swanson, a career police officer, and creator of Inmate Growth Naturally and Intentionally Through Education (I.G.N.I.T.E.) and our closing keynote speaker, Michael Bonner, CEO of Bonnerville, an energizing voice not only in education, but for his generation.

Sincerely,

A handwritten signature in black ink, appearing to read "B. Pyles".

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

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STATE OF MICHIGAN



CERTIFICATE OF PROCLAMATION

ON BEHALF OF THE PEOPLE OF MICHIGAN,  
I, Gretchen Whitmer, governor of Michigan, do hereby proclaim

February 2023

as

**CAREER AND TECHNICAL EDUCATION MONTH**

**WHEREAS**, career and technical education in Michigan prepares students at the secondary and postsecondary levels to have the academic, technical, and work-behavior skills to enter, compete, and advance in education and their careers; and,

**WHEREAS**, career and technical education offers a diverse delivery system that provides students with leadership opportunities in various career fields, allowing for the rigorous and relevant application of workplace skills while incorporating reading, writing, and mathematics; and,

**WHEREAS**, career and technical education serves as a career and college-ready connection and is the foundation of a strong and well-educated workforce; and,

**WHEREAS**, career and technical education offers students opportunities to earn college credit, industry certification, and licenses in high-wage, high-skill, and in-demand fields, as aligned with Michigan's Top 10 Strategic Education Plan to expand secondary learning opportunities for all students and increase the percentage of adults with a post-secondary credential; and,

**WHEREAS**, career and technical education provides students with work-based learning experiences to provide Michigan with a highly skilled, sustainable workforce, which will help achieve the state's goal of reaching 60% postsecondary education attainment rate by 2030; and,

**WHEREAS**, according to the Michigan Department of Education, career and technical education enrollment in Michigan rose by 3% in 2021-22 compared to 2020-21, with over 106,000 students enrolled in CTE, and CTE program completers increasing by over 65 percent from 27,014 in 2014-15 to 44,609 in 2021-22; and,

**WHEREAS**, during this month, we join with the Michigan Department of Education, the Michigan Department of Labor and Economic Opportunity, and the Michigan Association for Career and Technical Education to encourage youths and adults in Michigan to be ambassadors for career and technical education, and to send the message that Michigan career and technical education students are prepared for 21<sup>st</sup> century high-wage, high-skilled, and in-demand jobs;

**NOW, THEREFORE**, I, Gretchen Whitmer, governor of Michigan, proclaim February 2023 as Career and Technical Education Month in Michigan.



*Gretchen Whitmer*

Gretchen Whitmer  
Governor





# STATE OF MICHIGAN



## CERTIFICATE OF PROCLAMATION

ON BEHALF OF THE PEOPLE OF MICHIGAN,  
I, Gretchen Whitmer, governor of Michigan, do hereby proclaim

February 13-17, 2023

as

### ENTREPRENEURSHIP WEEK

**WHEREAS**, according to the EY Study, more than half of people considered Generation Z (under 25 years old) said they hoped to own their own business in the next 10 years; and,

**WHEREAS**, entrepreneurship is a key building block to success in the workplace and communities as it brings ideas, creativity, and innovation to life and drives economic growth on local, state, and national levels; and,

**WHEREAS**, according to the Statistics of U.S. Businesses, U.S. Census Bureau, 886,557 small firms have established themselves in the state—that's 99.6% of all businesses in Michigan; and,

**WHEREAS**, 1.9 million individuals are employed by small businesses in the state, comprising 49% of the private workforce; and,

**WHEREAS**, during this week and as we work toward a better Michigan, we encourage youth and all citizens throughout the state to explore innovative ways in which entrepreneurship education can bring together the core academic, technical, and problem-solving skills essential for the success of our state's future entrepreneurs; and,

**WHEREAS**, according to the American Community Survey, U.S. Census Bureau (ACS), the median income for self-employed individuals at their own incorporated businesses was \$51,171 in 2018. For self-employed individuals at their own unincorporated firms, median income was \$22,563; and,

**WHEREAS**, during this month, we join with the National Governors Association and other states in engaging public and private organizations to spark entrepreneurial initiatives that can serve as a catalyst for new economic opportunities;

**NOW, THEREFORE**, I, Gretchen Whitmer, Governor of Michigan, do hereby proclaim, February 13-17, 2023, as Entrepreneurship Week in Michigan.



Gretchen Whitmer  
Governor





PLAY TO WIN

MICEC

EXHIBITOR

*drawing*

DON'T MISS YOUR CHANCE AT  
SOME GREAT PRIZES THIS YEAR  
FOR OUR EXHIBITOR DRAWING.

HOW CAN YOU PARTICIPATE?

1. Each attendee is given three tickets when they pick up their registration packet.
2. Visit the exhibitor booths to see the latest educational products and services and place a ticket in the "bucket" next to the item you would like to win. You may put all your tickets in one bucket or distribute to several.
3. Increase your chances to win by attending exhibitor sessions, where extra tickets will be given out.
4. **YOU MUST BE PRESENT TO WIN!** Our closing keynote, Michael Bonner, is excellent and you won't want to miss out!



# Table of Contents

Conference Information .....	7
State Continuing Education Clock Hours (SCECH) Information .....	8
Conference Sponsors .....	9
Excellence in Practice Awards .....	10
MI-ACTE Awards .....	15
Planning Committee .....	21
Keynote Speakers .....	22
Conference at a Glance.....	24
Session Descriptions .....	26
Exhibitor Layout .....	45
Exhibitor Directory .....	47
Presenter Directory .....	50
MDE, Office of Career and Technical Education Staff Directory .....	56
Postsecondary Perkins & LEO Contact .....	57
Venue Maps .....	58
Notes .....	61

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

Session seating is filled on a first-come-first serve basis.

For most accurate program information please scan the QR code



# Save the Date

# 2024

Michigan Career Education Conference

January 28-30, 2024

Amway Grand Plaza Hotel | Grand Rapids, Michigan



[www.michigancareerconference.org](http://www.michigancareerconference.org)



# Conference Information

## NAME BADGES

Conference attendees are asked to please wear their badges at all times during the scheduled conference hours, not only as a courtesy to other registrants, but as an indication that registration is complete. Name badges are required for entry into all sessions and meals during the conference.

## COLOR GUARD

Our appreciation to the Kent Career Tech Center Criminal Justice Honor Guard, who will open the conference with the Presentation of the Colors and a special performance of the National Anthem. This group is instructed by Mrs. Colby Wheeler and Mr. Ben Hawkins.

**Choir:** Dana Langin & Lourdie Clark

**Honor Guard:** Owen Drake, Titus Cederquist, Isabelle Williams, Catherine Langosch, Mckenzyi Pace, Ainsle Shelley, & Abigail Sible

## EVALUATIONS

Breakout session evaluations will be distributed by hosts at each session. Please complete the form via QR code for each session that you attend before you finish the event. You will receive an email for an overall conference survey at the conclusion of the conference. Please complete this survey to ensure your feedback and suggestions are 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, Ambassador Ballroom, and Crown Foyer. Exhibiting hours will be as follows:

Sunday	Monday	Tuesday
4:00 pm –8:00 pm	7:30 am –4:30 pm	7:00 am –11:30 am

## 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 Edge Partnerships and the presenter(s).

# SCECH Information

To receive State Continuing Education Clock Hours (SCECHs), you must attend sessions in full and provide your filled out form to registration by the end of the conference. Applications for SCECHs 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.

1. You must have completed the SCECH application with your PIC number prior to the start of the conference. If you do not complete this step prior to the conference, you cannot receive SCECHs.
2. You must attend a minimum of 1 session, as the Michigan Career Education Conference provides variable offerings of 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 MICEC, 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 provide the filled out form to registration at the end of EACH day. You will sign your name and mark which sessions you attended. If you do not mark which session you attended, you will not receive SCECHs.
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 <https://mdoe.state.mi.us/MOECS/login.aspx> for additional information regarding SCECHs.

## LOCATING YOUR PIC NUMBER: K-12 SCHOOLDISTRICT EMPLOYEE PIC

Your PIC can be accessed by searching for yourself at <https://mdoe.state.mi.us/MOECS/PublicCredentialSearch.aspx> or scan the QR code below.



for relaxation  
throughout the conference





# THANK YOU 2023 MICEC CONFERENCE SPONSORS

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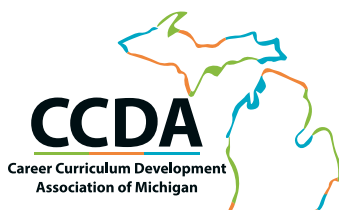
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## Excellence in Practice

### Career and College Readiness Initiative: Char-Em Street STEM

Jim Rummer, Career Education Planning District Administrator, Brandon Beltz, CTE STEM Consultant, Kelly Miller, Career & College Readiness Consultant, Tory Thrush, Career & College Readiness Consultant, Hannah Sanderson, CTE Consultant

Char-Em ISD's Career and Technical Education Department (CTE) prides itself on offering a comprehensive K-12 Career/College Readiness program. They have made great strides to ensure they are reaching students well before they get to high school, when they have the opportunity to enroll in traditional Career and Technical Education courses. They are connecting kids earlier than ever to career and college readiness opportunities through CTE summer camps, career vehicle days, career expos, Educational Development Plans (EDPs), and numerous other events and activities. All of these initiatives are aimed at helping kids gain insights into their future career interests in fun and innovative ways. They also recently expanded offerings with "Char-Em Street STEM" for K-8 students.

Char-Em Street STEM is a new mobile program that brings STEM (science, technology, engineering, and mathematics) directly to the schools. It provides students with focused activities where they develop, learn, and explore new STEM-related skills, including the basics of coding, robotics, critical thinking, problem solving, circuits, measuring, and much more. The program also allows for teachers to learn alongside their students and explore new ways to incorporate hands-on, interactive STEM learning experiences in their classrooms to accomplish a learning target and tackle the curriculum. Char-Em's CTE delivery model sparked the idea to offer a STEM-based mobile program. Char-Em Intermediate School District (ISD) covers 2.5 counties and 1,100 square miles, which includes a school on Beaver Island and large inland lakes as barriers to efficient cross-county transportation. This geographical configuration resulted in the development of consortium-based career tech classes where the programs are housed in local districts rather than a single center. With this model, approximately 80% of their students have participated in at least one CTE program before they graduate. With the success of the consortium model, a mobile K-8 STEM/

CTE program was appealing. This program helps to break down barriers for student and staff participation, and it also gives them the ability to impact a larger group of both students and educators.

Char-Em Street STEM brings in emerging technologies such as educational Legos, Dash/Dot Robots, drones, Spheros, a laser engraver/cutter, and 3D design and 3D printing capabilities. Their goal is to provide students with STEM-focused opportunities where they develop, learn, and explore new STEM-related skills. It is their intent to connect and expose not only the students, but also staff to these STEM and CTE opportunities. By delivering focused opportunities to their local schools, students, parents, and teachers become more informed regarding high-wage, high-demand, high-skill careers that are linked to both CTE and STEM. This includes a better awareness of CTE programs available to students in high school, developed through early awareness during Street STEM outreach. Char-Em ISD's STEM consultant, who operates the mobile program, guides students and staff in making connections to the CTE programs that students can take in high school. An additional feature of Street STEM ensures the program's longevity in the classroom. The materials and equipment used in the STEM demonstration lessons can be checked out from the ISD's media center by teachers and used in the classroom at any point during the school year. Teachers receive ongoing support and can have the consultant come back in to work with their class again with the same piece of technology or something new. Delivering instruction to the students in their classroom eliminates many barriers that teachers and students face when trying to implement new everyday learning strategies. Teachers can select whether they would like to have one visit or multiple visits to support the learning in their classroom, resulting in an ongoing and evolving relationship. This truly is a customizable, one-of-a-kind program aimed to help teachers and students bolster learning in fun and innovative ways.

This Excellence in Practice winner will be featured during Break Out Session B on Monday in the Gerald R. Ford Room on the first floor from 1:30 p.m. to 2:30 p.m.



## Excellence in Practice

### Career and Technical Education Outstanding Program: Genesee County CTE Early Middle College

Diana Allard, Career Education Planning District Administrator, Jennifer Thomas, past EMC Coordinator, Merry Jane Robertson, Mentor and Student Support

The Genesee County CTE Early Middle College (GC CTE EMC) has 21 high school partners, 3 postsecondary partners with choices in high wage, high demand files in 21 programs. Since the program began in 2017, students have earned 3,514 direct credits and over 1,000 articulated credits. Additionally, 176 students have enrolled and 59 have graduated. Of those 59 graduates, 13 have earned an associate degree and 5 have been accepted into nursing school while still in high school.

This program has allowed students to earn high school and college credit while obtaining multiple industry recognized credentials in their field of interest. This program has been successful because of many wrap-around services including boot camps, academic tutoring, one-on-one mentoring and consistent communication. Since 2020, when GC CTE EMC started tracking credentials, 156 industry certified credentials were earned by students in the GC CTE EMC. These credentials have helped students receive direct employment offers before completing their degree. Programs of study have been done to show progression from completion of the associate degree to continuing education. The GC CTE EMC programs of study have been used as examples statewide and nationally. This program has multiple credentials built in to maximize students' employability on completion. A strong partnership with Mott Community College and the University of Michigan – Flint, along with participation in clinical placements culminating in the earning of either the CNA (Certified Nurse Aide) or PCT (Patient Care Technician) certifications has resulted in 100% of the EMC students who have applied to nursing school being accepted.

The partnership with Mott Community College has led to systems being developed such as an early alert warning system, access to the college's student information system, regular meetings with college and EMC partners, and college advising presentations and

orientations tailored for EMC students. GC CTE EMC is also expanding their partnerships with University of Michigan Flint to cover more program of study pathways. The GC CTE EMC has partnered with the Genesee Intermediate School District to provide students in the Information Technology pathway internships and the Genesee Career Institute, the Technology and Media Services Department, and the students' home districts. These internships have led to employment post-graduation. Hurley Hospital and the Mass Transportation Authority have also partnered with the IT (Information Technology) CTE program to provide internships that have led to employment after graduation. Another example of business partnerships is evident in the Automotive Technology program. EMC students have had work-based learning experiences at local car dealerships, and some of these placements have led to employment.

During COVID-19, the college partners were online although Genesee Career Institute (GCI) was open. Students in the GC CTE EMC came to GCI for extra support from instructors, and the coordinator began weekly check-in meetings through zoom and a Google check-in form to stay in contact with students. These check-in meetings are still in place for all students. The GC CTE EMC has a leadership team with representation from each partner in the program. This group ensures barriers are removed as they are discovered. Every advisory committee discusses the EMC program each year, aligns the curriculum to prepare students for success at the college, and advises them of the job and internship opportunities available. The Genesee County CTE Early Middle College is also structured in a way that local school districts who offer CTE programming in their high schools can include their CTE program in GC's EMC. The ISD works with local districts to develop their programs of study, includes those students in all wrap-around services and student supports, and offers technical assistance to the teachers and CTE directors.

This Excellence in Practice winner will be featured during Break Out Session D on Monday in the Gerald R. Ford Room on the first floor from 4:00 p.m. to 5:00 p.m.

# Excellence in Practice

## Career and Technical Education Outstanding Program: Wexford-Missaukee “Nurturing Content Creators”

Timothy Rigling, Career Education Planning District Administrator, Kammy Cook, Digital Media Production Instructor, Rich Spicer, Digital Media Production Paraprofessional, Derrick Larr, Digital Media Production Paraprofessional, Morris Langworthy, NEWSnet Station Manager

The Digital Media Production (DMP) program at the Wexford Missaukee Career Technical Center (WMCTC) offers creative students a technical and rigorous curriculum that follows the Michigan Department of Education Career and Technical Education (MDE-CTE) segment requirements for the 10.0202 CIP. The relevant curriculum encompasses a variety of state and industry standards, including but not limited to all aspects of pre-production, production, and post-production. Leadership and employability skills are also covered. They seek to equip creative students with the shooting and audio/video editing skills to be compelling storytellers.

First year students are introduced to a variety of cameras as well as editing software. Progressively more challenging assignments throughout the year include personal biographies, music videos, instructional videos, and stop frame projects. Second year students spend three days a week at NEWSnet (a Cadillac-based television station that provides news content across the country), studying segments on signal chain, news production, as well as pitching and creating their own shows, which air on a local cable channel. All second year students rotate through each individual crew position, including director, audio, floor director, camera positions and graphics. They also learn elements of set design and lighting.

Locally, there are two television stations and two radio stations that are typically ready to hire both college bound and non-college bound DMP students right out of high school. Additionally, DMP graduates have gone on to study and/or major in digital media-related fields at Ferris State University, Central Michigan University and Northwestern Michigan College. Notable are two students from the Class of 2022 who are Department of Labor registered apprentices at 9&10 News. Local broadcasting employers have known for years that the skills taught to students serve them well, and they don't have to wait until students have completed college to hire them.

Since moving from Cadillac High School to the WMCTC eleven years ago, DMP has been one of the more popular

and highly enrolled programs. During the 2022-23 school year, total enrollment is at 56 students from twelve local school districts, 20 of which are second year seniors and will be considered completers after graduation. The retention rate is very high. Based on the most recent data, 100% of their students were identified as concentrators or completers. Further, the program's 1S1 CPI (4-year graduation rate) was 100%.

Year after year, special population students comprise a large segment of DMP's total enrollment. The CTC offers a math class twice weekly to help bring those who are struggling up to speed. In addition, four times a year, DMP partners with the Career Skills class at the WMCTC. Career Skills identifies at-risk 10th graders with IEPs, who are integrated into various CTC programs to find a good match for their skills. DMP students are always warm and welcoming to this group, who stay with the DMP class for a month. Since the Career Skills program began, several students have chosen DMP for their junior year, and they have the helpful built-in advantage of having already spent a month in the DMP class as their junior year begins.

The WMCTC is located in a rural, low-income area. Homelessness, poverty, and lack of food and clothing are prevalent within the student population. CTC staff always strives to find resources to help students eliminate any barriers which might hinder their success. DMP students often utilize the CTC food pantry and student closet, which is a program created to help students in need of food or clothing. Students who are eligible for the free and reduced lunch program can participate in the backpack program, which provides students with a “backpack” filled with food every weekend. Students who need medical attention are referred to a medical or dental clinic. Homeless students are quickly referred to local social workers to help them find a safe living environment.

When available, the DMP program partners with local media outlets for job shadowing opportunities. This Fall, students working in conjunction with instructors in other classes, shot and edited introductory videos for each program at the CTC. These have been embedded within the ISD website and are used by administration as a recruitment tool for students in 8th through 10th grades at local schools. Seeing their work shown to a larger segment of the community and knowing their efforts contribute to the success of the CTC's programs as a whole is a source of pride for students.



# Excellence in Practice

## Career and Technical Education Outstanding Program: Saginaw City School District “Careers in Education”

Jenny Geno, Career Education Planning District Administrator,  
Connie Griffore, Careers in Education/Teacher Academy Teacher

The Careers in Education program at the Saginaw Career Complex is an exceptional example as to how CTE anticipated and responded to a critical shortage area. Anchored in the belief that teaching is the most important occupation that exists, literally touching all other industries, this program was transformed to provide early and direct paths into the field for students, resulting in little to zero debt. Students are mentored by professionals in the field throughout the program, with numerous certification and college credit opportunities available, as well as a Department of Labor registered apprenticeship option. This high-quality program also aligns to the local middle school Future Proud Educator program, including a mentoring component critical to getting students excited about this career path at a young age. Teacher Connie Griffore has worked tirelessly at the local and state levels to develop these opportunities for students, advocating for getting the very best teachers in front of young people. This program truly embodies all that CTE should be.

Students in this program can participate in the Teacher Academy, which is an early middle college program designed to jump start a student’s education into the field. There are two pathways under the Teacher Academy, depending on the interest and direction of the student. Students that are early childhood-focused have aligned experiences and college classes through Delta College, which articulate into Ferris State University’s Bachelor’s Degree program. Early childhood-focused students have the opportunity to earn their child development certificate plus additional credits toward their child development associate degree, totaling up to 39 direct credits. Many credits from the program already articulate into the post-secondary program of study, further reducing for students the amount of time and the cost for college courses.

Students that are headed toward a PK-12 general education or special education teaching degree, may take classes at Delta College and/or Saginaw Valley State University, with up to 46 direct credits earned. This enables students to then apply to the College of Education. All the college coursework is taken online asynchronously during grades 11 and 12, so that support for classes can easily be integrated into the time students spend at the Career Complex.

Recently, registered apprenticeship pathways for teachers were approved in Michigan, pursued locally with the intention of implementing with Teacher Academy students, as well as others within local districts. This program is set up as a pre-apprenticeship program, aligned with post-secondary standards

and the recently approved work processes with the Department of Labor. Everything in this program is 100% aligned to industry needs locally, at the state level, and even nationally.

One of the best features of this program is the positive impact in the community. This program does not close its doors and do its own thing inside of the Career Complex; this program is in the community. Students are regularly engaged in community service projects some of which include tutoring, camp counseling, Children’s Zoo activities, READ Association tutors/mentors, and coaching youth sports. Some of these experiences have led to paid positions. At Kempton Elementary School, the Careers in Education students spent time in the 2nd grade classrooms, reading to students and implementing enrichment activities. Students worked on a grant project which provided 200 books for a classroom library at the school. Knowing how much educators need to write grants to ensure their students have what they need, this project filled a learning niche that most programs would not even consider. Other community activities involved developing and implementing hands-on-lessons for practicing division in an area 4th grade classroom, developing and implementing enrichment activities for Head Start, “adopting” students in need for Christmas, food drives, and so much more. If there is a community need that involves children, rest assured this program is working to address the need in some way.

In 2021, students in this program implemented a STEM project with the onsite Head Start program, which included activities to teach coding skills through the use of Lego Duplo coding sets. The students also participated in writing a United Way Grant, which was funded, allowing the school to purchase two robots that preschoolers could program using those coding skills. All coding activities were developed and led by the Careers in Education students. This year the program received a donation from the Lubriderm Corporation through Adopt a Classroom that allowed them to spend \$200 on books to build both their preschool and high school classroom libraries. Careers in Education students will be using those books for literacy building activities with Head Start. Students in this program also have worked regularly with a program coordinator to develop and assemble “Math in the Mail” kits, which get distributed to preschool aged students all over an 8-county region. Students also develop and assemble Delta College Public Media and Michigan Learning Channel STEM problem-based learning kits which will be available for check-out at 15 different libraries in Saginaw, Bay and Midland counties.

This Excellence in Practice winner will be featured during Break Out Session C on Monday in the Gerald R. Ford Room on the first floor from 2:45 p.m. to 3:45 p.m.



# EMPLOYMENT & TRAINING



Working together to promote a flexible, innovative and effective workforce system by developing customized solutions for businesses and individuals.

Check out Employment & Training's Pathfinder booth at the conference to discover Michigan's free, online career exploration tool!

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# Michigan ACTE Awards

## 2023 MI ACTE ADMINISTRATOR OF THE YEAR



### James Rummer

Director of Career & Technical Education  
Charlevoix-Emmet ISD

Jim Rummer has worked closely with local and regional business and industry partners to facilitate the delivery of high-skill, high-wage, and high-demand CTE programs to the students within Char-Em ISD for 16 years.

For example, several years ago, Jim was attending a Northern Lakes Economic Alliance board meeting when he asked the CEO of Great Lakes Energy for a conversation afterward. Jim wanted to share with him some “what ifs” that he had been contemplating about launching a new program. This “what if” conversation quickly developed into the first state of Michigan approved “Energy Fundamentals: Line worker Emphasis” CTE program. That following summer, Great Lakes Energy lent the support of two journeymen line workers and a secretary to develop the curriculum for the new CTE program. As the plans came together, Jim was able to secure an additional \$50,000 in support for the program from DTE Energy and Consumers Energy, two additional local energy companies.

Today, students in this CTE program - developed by line workers and taught by two journeymen themselves - learn all aspects of the energy industry. Our students learn both in the classroom and at a line worker training yard that is hosted by Wolverine Power. This training yard is complete with in-ground and above-ground lines, poles for the students to practice climbing, and various other tools to support their learning. Program graduates are traditionally high on the acceptance list for their post-secondary

training. In fact, Alpena Community College staff noted that the skills our students possess when they arrive at their program far exceed other applicants and new students.

An additional example of Jim’s qualifications for this award would be his recent promotion of expanding Char-Em’s CTE millage. Char-Em has levied 0.75 mill since 1996, when voters first approved the millage. With growing community support for the work being done by Char-Em ISD Career and Technical Education Department, Jim worked with Char-Em’s board and administration in asking voters to approve an additional 0.25 mill levy for CTE purposes. Both proposals passed overwhelmingly in May 2022, and the additional millage is now supporting, among numerous purposes, additional programs, career counseling, and transportation to CTE programs. This is pivotal as Char-Em ISD’s CTE programs operate in a consortium and our schools cover over 1,100 square miles, with one of them, Beaver Island, in Lake Michigan.

Over the last three years, Jim has overseen the expansion of CTE programming to add the following new courses in our region: Unmanned Vehicles (drones), Public Safety (two programs), Powersports Technology, Audio Engineering and Video Editing, and the Future Educators Academy.

These are only a few examples of how Jim has contributed to the implementation of high quality CTE programs within Char-Em ISD and further removed barriers for our students.



# Michigan ACTE Awards



## 2023 MI ACTE LIFETIME ACHIEVEMENT

### Scott Westenberg Automotive Technology Teacher Ingham ISD - Wilson Talent Center

Now in his 30th year of teaching Automotive Technology at the Wilson Talent Center, Scott Westenberg makes sure that he remains up to date on instructional strategies, always making sure his students have the best CTE experience possible. Each year Scott attends a week-long ASE Instructor Training Conference, he regularly completes the ASR Recertification (brakes, suspension, steering, etc.) and regularly attends the Northwestern Ohio Summer Conference for Automotive Mechanic

Instructors. In addition, he has served numerous times on the School Leadership Team within our building. This group takes concerns, ideas, etc. from their peers and meets with school administrators to help develop solutions. Lastly, Scott has created a Motorsports team for his students that allows them to race against students from other schools, this has provided leadership opportunities for his students, created scholarships, and built comradery within his program.

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## 2023 MI ACTE COUNSELING & CAREER DEVELOPMENT PROFESSIONAL

### Lindy Daman College & Career Preparation & Assessment Coordinator Ingham ISD - Wilson Talent Center

Lindy Daman makes sure students know about CTE opportunities years before they are even eligible to attend our center. Lindy works with all of our local districts (12) scheduling days for her to visit all of their 8th grade classrooms. She gets them excited about classes where they can build or make things, learn to help others, be creative or fix things. She stresses the importance of getting good grades, having good attendance, and taking the right courses in 9th and 10th grade so they have flexibility in their schedules during 11th and 12th grade. Lindy makes students aware that they can do job shadows, work-based learning, get job offers while in high school or have a significant portion of college covered by attending these programs. She has seen it work first-hand with her own children who both attended, were hired right out of

their CTE programs, and have had much of their college paid for by their employers. She makes kids excited about their future, especially those kids who weren't sure they had one. Every 8th grade student gets to visit our CTE center. Lindy has worked with local district counselors to make this part of their Educational Development Plan. She helps them figure out their aptitudes, shows them how to research careers, how to determine what training or schooling is needed, what those jobs might pay, and what type of job outlook they hold. In addition, Lindy makes sure our current students take advantage of college credits and obtaining certifications. She creates events that help them complete the FAFSA, writing college essays, applying for scholarships, Decision Day celebrations and having access to meet with college and military representatives.

# Michigan ACTE Awards

## 2023 MI ACTE NEW TEACHER OF THE YEAR



### Joshua Fabera

#### Information Technology & Cybersecurity Teacher Saginaw Career Complex

Joshua Fabera is in his second year of teaching and hit the ground running on day one. He began by reconstructing his program advisory committee, knowing that he needed the right industry professionals surrounding and supporting his program. He has capitalized on the experience within a wide range of IT occupations/industries of his committee, weaving them into the fabric of his instruction. It is not uncommon to see advisory members presenting mini lessons to students or coaching them for BPA within his classroom, on a regular basis. This type of industry/education partnership is what we strive for in all of our CTE programs; Josh achieved this in his first year of teaching.

Josh has worked with curriculum leaders and his updated advisory committee to revamp his curriculum, aligning instruction and certifications directly to business/industry needs. With over a decade of experience in the IT industry before moving into education, he actively lent his expertise to two career pathway consortiums, focused on identifying and aligning industry credentials to secondary state approved computer programming and cybersecurity programs.

During the 2022-23 school year, he joined two more career pathway consortiums to do the same work for computer networking and systems administration. To see this level of leadership so early in a teacher's career is inspirational.

His passion for his instructional content and his absolute advocacy for all students is evident every day. Students clamor to him to learn more, as he is so well respected for his knowledge and revered by students for his ability to connect with them. As a former BPA student, Josh knew how to seamlessly integrate his Career and Technical Student Organization into his classroom. As a result, in his first year of teaching at the Saginaw Career Complex, he took 13 students to the Business Professionals of America state competition where they competed among the best in the state. From there, two of his students went on to nationals in Dallas, Texas with one of his students placing 3rd in the nation. According to one parent, "Mr. Josh Fabera is a superb instructor and mentor. He helped my daughter find and explore career opportunities that she would not have had available at another high school."



# Michigan ACTE Awards

## 2023 MI ACTE TEACHER OF THE YEAR



### Anne Hasseld

#### Computer Programming Teacher Hartland High School

Anne creates an environment for her students that is not only engaging, but innovative with authentic application in computer science. She provides opportunities for her students to demonstrate what they know in a variety of projects and or competitions to stretch their skills and interests. They have created websites for high school teachers and a safe driving campaign for the school. Her students have created a game for students with disabilities in their extended resource program where the student in the ERP program is the client and Anne's student is the game developer. Students have also been recognized in several competitions including: The Lawrence Tech University Robofest (2016), Square One's Autonomous Vehicle Challenge (2022), American Rocketry Challenge (2021). Specifically, students either won their district or were runner up at The Congressional App Challenge (2018-2022) where students create an app that solves a problem, and they present their project via video.

Anne teaches students technical skills as well as how to present and communicate. Her students created minicomputer science workshops for students in the elementary school. Her high school students also work with the middle students doing an Hour of Code. The Hour of Code is a one-hour introduction to computer science, using fun tutorials to learn the basics.

Students in Anne Hasseld's program are also successful in earning advanced placement credit in her CTE AP Computer Science courses. Over the past 3 years, students in the Computer Science Principles and Computer Science A have averaged

between 3.33 and 4.83 on their AP exam scores. Therefore, students not only articulate college credit to several local colleges, but also have earned college credits through their AP exams. Enrollment over the past 3 years has increased from 8 to 12% for females with the females scoring .08 higher on the AP exams than the male students.

Providing opportunities for non-traditional students in CTE IT programs has been part of Anne Hasseld's mission since she began teaching. Not only does Anne work to increase the access that girls have, but to build their self-confidence so they are successful pursuing STEM fields. Anne founded the Women in Technology club in 2015 for both middle and high school students in Hartland. There are opportunities for only non-traditional students to compete in such as the Michigan Women in Technology (MCWT) annual website design competition where a few of her students earned an honorable mention award in 2017, 2018. Also, numerous students have earned the Rising Star Award from the National Center for Women and Information Technology (NCWIT) Aspirations in Computing and were recognized for their aptitude and aspirations in technology and computing, computing experience and related activities, leadership, tenacity in the face of barriers and future plans. Lastly, Anne's students participate annually in Digital Divas, an event at Eastern Michigan University designed to build confidence in females to pursue technology careers. Several companies from around the state, such as Google and General Electric, share information with the students about pursuing IT careers and complete projects together.

# Michigan ACTE Awards

## 2023 MI ACTE OUTSTANDING BUSINESS/ EDUCATION PARTNERSHIPS



### U.A. Local Union 85, Plumbers, Steamfitters and HVACR Services Techs

Saginaw Intermediate School District (SISD) has successful partnerships with all of the trades, but the unique relationship with UA Local 85 is one that has served CTE students and thus, the community, well for over a decade. The Local provides equipment, instructors, materials, and mentoring for a nominal per pupil cost each year in both state approved welding, and most recently, HVAC programs. In the welding program, students train with instructors that have taught union apprentices, while also having the opportunity to work alongside current apprentices in a mentoring capacity. As a high-quality pre-apprenticeship program, students successfully completing the program earn direct interviews into Local 85, with credit for prior learning and experience counted toward their apprenticeship. Students in these programs also earn college credit to several post-secondary institutions, in the event they prefer to go that route. The welding program began years ago with one instructor in response to a need for high school programming within a poor community that did not have a millage. At that time, they had a dozen students, which has now grown to over 60 students with two full time instructors and a long wait list.

Local 85 ensures that all students in these programs have opportunities. For example, they provide personal protection equipment for students, fill in funding gaps for students to compete in SkillsUSA, sponsor fundraisers both at the Career Center and within the program, supporting students on their path to their future. Justin Pomerville, Business Manager at the Local, is not only passionate about the trades, but is also committed to the community.

He makes sure that their doors are open to all student events, understanding that informed career choices can only be attained through experience. Students as young as 5th grade have taken tours through the training center, where hands-on stations manned by apprentices were set up, ready for children in our community to try welding. He actively promotes CTE in the community and never says no to a request.

A few years ago, Jenny Geno from SISD approached Mr. Pomerville about the possibility of a partnership to begin a high school HVAC program. The industry's need is great, and this is one of the trades at the Local. They worked together on obtaining needed funding and agreements for year one of the program, then set out to market and recruit students. Local 85 business representatives went into the high schools to help market the program, recruiting enough to run one 3-hour session the following fall. By mid-summer, Local 85 identified a potential instructor, who came on board that fall. The instructor is a "pied piper" for students, as enrollment expanded to two, FULL, 3-hour sessions, with a wait list the following school year. Local 85 donated and/or recruited employers to donate equipment, supplies, tools, and more to the program. Jenny Geno said, "When we talk about community impact and relationships between industry and education, this partnership exemplifies that at the highest level. It is my honor and privilege to recommend UA Local 85 for the MIACTE Business/Education Partnership Award".

# Michigan ACTE Awards



## 2023 MI ACTE OUTSTANDING ADVISORY COMMITTEE MEMBER

### Van Aire

Van Aire has been a national leader in valve automation hardware since 1995 as well as an industry leader in wastewater systems. Shortly after their inception, Van Aire became a supporter of our CTE programming and the relationship has flourished over the years.

Van Aire has multiple people serving on our advisory committee for our Machining program, including an owner, safety and human resources manager, and machine operators. They have been instrumental in our program's growth and success. Recently Van Aire repaired a CNC machine with no billing to us and continues to support us with technical support and maintenance support.

Van Aire was an early adopter of the youth apprenticeship program and was the first in the UP to collaborate with the DSISD and Michigan Works to create a DOL approved apprenticeship for CNC machine operators and was the first to sign and apprentice up for that pathway.

Van Aire has always accepted work based learning students in either their design department or the machining department. Their first apprentice was actually a work based learning student first, which made the transition seamless.

Each year Van Aire provides multiple thousands of dollars in awards and scholarship to DSISD CTE students no matter their paths after high school as they understand that success looks different for every student, and tools for the trade may make the difference for one student and a scholarship for college the difference to another. Each year their director of human resources sits on our interview committee to help us select our student of the year and runner up.

I often tell employers that if you want our cream of the crop you have to show up, and Van Aire shows up, everytime, and receives the best students we have. VanAire is the model CTE program supporter, to the point that I do not ask them for more in fear of overwhelming them.

**Interested in learning  
more about MI ACTE?**

**Check out the QR Code!**





# Acknowledgments

The Michigan Department of Education's Office of Career and Technical Education (MDE-OCTE) 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.

## 2023 CONFERENCE PLANNING COMMITTEE

### Program Chair

Candace Vinson, Education Consultant, Office of Career and Technical Education, MDE

### Committee Members

Patty Adolfs, Oakland Schools

Trent Bellingar, Delta Schoolcraft ISD

Jennifer Branch, Clinton County RESA

Michelle Cordano, Office of Career and Technical Education, MDE

Natalie Davis, COOR ISD

Jamie Engel, Ingham Intermediate School District

John Hartwell, Operating Engineers Local 324

Jon Horowitz, Aidex East

Dana Hughes, Detroit Public Schools Community District

Jennifer LaDuke, William D. Ford Career Technical Center

Chris Machiniak, Berrien RESA

Annlyn McKenzie, Muskegon ISD

Suzanne Murray, Warren Woods Tower High School

Celena Mills, Office of Career and Technical Education, MDE

Joy Paquette, Mecosta-Osceola ISD

Sheree Price, LEO

Michelle Radcliffe, Livingston Educational Service Agency

Jacquie Rehkopf, Careerline Tech Center

Dr. Sheila Sherman, Pontiac Schools

Gretchen Spedowske, Mecosta-Osceola ISD

Cary Stamas, Kent Intermediate School District

JaCinda Sumara, Wayne Westland Community Schools

### Conference Facilitators

## EDGE

Danielle Lenz, Vice President

Emily Sabrosky, Public Relations & Events Specialist

Aaron Pumfery, Chief Creative Officer

## GET SOCIAL WITH US!

Share your photos and tips you have learned throughout the conference.

Use #MICEC23 to share.



# Keynote speakers

## SHERIFF CHRIS SWANSON

Sheriff Swanson is a career police officer with experience spanning nearly three decades. He has served in a variety of positions, including corrections, patrol, narcotics, criminal investigation and command operations.

In 2019, Sheriff Swanson was instrumental in the creation of the Genesee Human Oppression Strike Team (G.H.O.S.T). In less than three years of work, G.H.O.S.T. has arrested more than 150 individuals on charges ranging from human trafficking to criminal sexual conduct. G.H.O.S.T. has received national attention for its efforts to combat human trafficking while ensuring victims are given a voice.

Sheriff Swanson turned another vision into reality with the creation of Inmate Growth Naturally and Intentionally Through Education (I.G.N.I.T.E.). Today, inmates in the Genesee County Jail go to school two hours a day, five days a week. I.G.N.I.T.E. has assisted more than 27 returning citizens find full-time employment upon release. In addition, more than 35,000 hours of coursework has been completed. Math skills have improved 1.5 grades and reading comprehension increased 2.5 grades. I.G.N.I.T.E. is committed to making better people, not better inmates.

Sheriff Swanson shares these experiences to audiences across the country to make a positive impact on their lives using lessons from the living and the dead.



## DR. BRIAN L. PYLES

Dr. Brian L. Pyles is the State Director for the Office of Career and Technical Education (OCTE) 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, he closely works 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 actively works with the CTE State Director's Association, Advance CTE, providing input at the national level regarding policy implementation and impact of decisions made.

Dr. Pyles' passion for CTE began with his experience as a CTE student in the Agriscience Program at the Oakland Schools Technical Campus in Clarkston, Michigan. His 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 his 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. An active leader, he also served as President for the Michigan Association for Career and Technical Education (MI-ACTE) and the Michigan Marketing Educators.

Dr. Pyles has a Bachelors Degree of Business Education from Eastern Michigan University, and an MA and PhD 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.



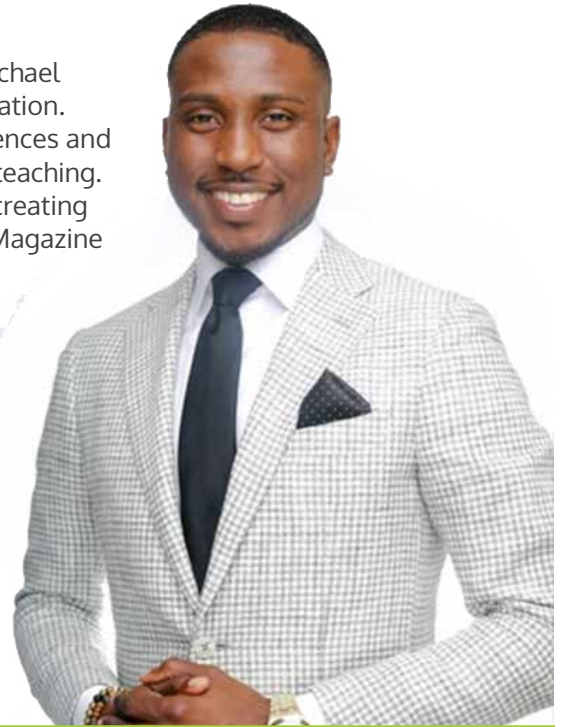
# Keynote speakers

## MICHAEL BONNER

As seen on The Ellen Show, NBC Nightly News, and Time for Kids, Michael Bonner is an energizing voice not only in education, but for his generation. Michael has presented to thousands of people at educational conferences and corporate events across the world to share his lessons learned from teaching. His passion for creating dynamic learning environments have led to creating partnerships with Discovery Education, Lego Education, 3M, People Magazine and more!

Michael Bonner's enthusiastic seminars challenge listeners to reflect, strategize and execute in order to increase their efficiency in the workplace and personal areas. He is consistently seen as a visionary leader who strives to create a positive mindset among his listeners. Individuals leave Mr. Bonner's presence ready to make an impact that affects eternity.

Michael is the CEO of Bonnerville where his organization works to provide self-care experiences for educators around the world. Mr. Bonner lives in Atlanta where he is the 4th grade social studies teacher and 6th grade reading teaching at the famed Ron Clark Academy.



## SESSION KEY

EIP = Excellence in Practice Winner

EMC = Early Middle College

EXB = Exhibitor Presentation

FLEX = MMC Flexibility

FPME = Future Proud Michigan Educator

MCDM = Michigan Career Development Model

RAP = Registered Apprenticeship Programs

TEACH = Teacher Focused Presentation

WBL = Work-Based Learning



# Conference at a Glance

## Sunday, January 29

<b>12-5 p.m.</b>	<b>Career Pathways Grant Pre-Conference Meetings</b>
3-5 p.m.	Exhibitor Setup
4-6:30 p.m.	Exhibitor Space Open
<b>6-9 p.m.</b>	<b>Opening Reception</b>

## Monday, January 30

7 a.m.-4:30 p.m.	Registration Open
7:30 a.m.-4:30 p.m.	Exhibit Space Open
7:30-8:30 a.m.	Continental Breakfast with Exhibitors
<b>8:30-10 a.m.</b>	<b>Opening Keynote</b>
	Excellence in Practice Awards General Session
10-10:30 a.m.	Coffee Break with Exhibitors
<b>10:30 -11:30 a.m.</b>	<b>Breakout Session A</b>
<b>11:30 a.m.-12:45 p.m.</b>	<b>Keynote Luncheon</b>
12:45-1:15 p.m.	Coffee Break with Exhibitors
<b>1:15-2:15 p.m.</b>	<b>Breakout Session B</b>
2:15-2:30 p.m.	Coffee Break with Exhibitors
<b>2:30-3:30 p.m.</b>	<b>Breakout Session C</b>
3:30-3:45 p.m.	Coffee Break with Exhibitors
<b>3:45-4:45 p.m.</b>	<b>Breakout Session D</b>

## Tuesday, January 31

7-11:30 a.m.	Registration Open
7-11:30 a.m.	Exhibits Open
7-8 a.m.	Breakfast Buffet with Exhibitors
<b>8-9 a.m.</b>	<b>Breakout Session E</b>
9-9:30 a.m.	Coffee Break with Exhibitors
<b>9:30-10:30 a.m.</b>	<b>Breakout Session F</b>
10:30-11 a.m.	Coffee Break with Exhibitors
<b>11 a.m.-12 p.m.</b>	<b>Breakout Session G</b>
11:30 a.m.-1 p.m.	Exhibitors Breakdown
<b>12-1:30 p.m.</b>	<b>Keynote Luncheon with exhibitor raffles</b>

# Personal Schedule

Use this page to help pre-select sessions. Write in your top choices in the corresponding sections below. You may also wish to use this page to keep track of SCECHs earned.

MONDAY				
Time/Session	Selection 1	Location	Selection 2	Location
Session A 10:30 –11:30 a.m.				
Session B 1:15 –2:15 p.m.				
Session C 2:30 –3:30 p.m.				
Session D 3:45 –4:45 p.m.				

TUESDAY				
Time/Session	Selection 1	Location	Selection 2	Location
Session E 8:00 –9:00 a.m.				
Session F 9:30 am –10:30 am				
Session G 11:00 a.m. –12:00 p.m.				

# Session Descriptions

# Sunday, January 29

Time	Session Information	SCECH	Location
12-1 p.m.	<b>Welding CPG Technical Assistance 48.0508</b>	1 CAR 	Grand View A
12-3 p.m.	<b>Computer Programming/Programmer-11.0201 and Computer and Information Systems Security/Information Assurance-11.1003</b> This workshop will explore the updates and changes occurring to these IT programs under Perkins V. Teachers will develop an understanding of the program changes and how they can adapt and transition their program implementation for Fall 2023.	3 CAR 	Berkley
	<b>Finance-52.0800 Technical Assistance</b> This workshop will explore the updates and changes occurring under Perkins V. Teachers will develop an understanding of the program changes and how they can adapt and transition their program implementation for Fall 2023.	3 CAR 	Heritage Hill
	<b>Marketing CPG Technical Assistance</b> Review and analyze competencies, discuss instructional design and standards cross-walks, break down credential options, and share/learn best practices. Participants will also have time to ask questions of the consultant and share ideas with fellow teachers.	3 CAR 	Grand View B & C
1 p.m.	<b>Registration Open</b>		
1-2 p.m.	<b>Snack Break Sponsored By: CCDA &amp; MASSP</b>		
1-2 p.m.	<b>Mechatronics CPG Technical Assistance 14.4201</b>	1 CAR 	Grand View A
1-3 p.m.	<b>Law and Public Safety CPG Technical Assistance</b>	2 CAR 	Thornapple
2-3 p.m.	<b>Mechatronics Teachers Round Table 14.4201</b>	1 CAR 	Grand View A
3-4 p.m.	<b>Drafting Teachers Round Table 15.1301 &amp; 15.1306</b>	1 CAR 	Grand View A
	<b>IT Round Table</b> An opportunity to network and share with IT teachers.	1 CAR 	Berkley
	<b>Finance-52.0800 Round Table</b> Teacher networking opportunity to learn from and share with each other. Work smarter, not harder. Collaborate with other accounting teachers.	1 CAR 	Heritage Hill
	<b>DROP IN Q and A:</b> Do you need extra help? Have questions? Just want to chat? This is the time for it. Stop by anytime during the hour to see Celena Mills (open to everyone).	1 CAR 	Grand View B & C
	<b>DROP IN Q and A:</b> Do you need extra help? Have questions? Just want to chat? This is the time for it. Stop by anytime during the hour to see Candace Vinson and Mark Forbush (open to everyone)	1 CAR 	Thornapple
3-5 p.m.	<b>Exhibitor Setup</b>		Center Concourse, Crown Foyer & Ambassador Ballroom
4-5 p.m.	<b>Energy Cluster Teachers Round Table 46.0303 &amp; 46.0301</b>	1 CAR 	Grand View A
	<b>Finance-52.0800 Drop In Q &amp; A</b> Do you need extra help? Have questions? Just want to chat? This is the time for it. Stop by anytime during the hour.	1 CAR 	Heritage Hill
	<b>Marketing Credentials Round Table</b> Learn more about credential options from fellow teachers with credential experience.	1 CAR 	Grand View B & C
	<b>Public Safety Teacher Round Table</b> Get together with fellow teachers to form a state-wide professional organization for Public Safety.	1 CAR 	Thornapple
5-9 p.m.	<b>Exhibitor Space Open</b>		Center Concourse, Crown Foyer & Ambassador Ballroom
6-9 p.m.	<b>Opening Reception</b>		Center Concourse, Crown Foyer & Ambassador Ballroom

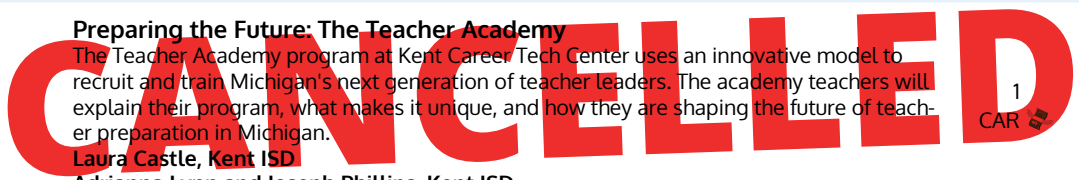


# Session Descriptions

# Monday, January 30







Time	Session Information	SCECH	Location
7:30 a.m.-4:30 p.m.	<b>Registration and Exhibitor Space Open</b>		
7:30-8:30 a.m.	<b>Breakfast with the Exhibitors</b>		Center Concourse, Crown Foyer & Ambassador Ballroom
8:30 a.m.	<p><b>Opening Keynote - "People Do What People See"</b> Three Proven Must-Do's That Transcend Our Culture For Good</p> <p><b>Sheriff Chris Swanson</b></p> <p>Sponsored by </p> <p><b>Excellence In Practice Awards</b></p> <p>Sponsored by </p>	1.5 CAR 	DeVos
10-10:30 a.m.	<b>Coffee Break with Exhibitors</b>		Center Concourse, Crown Foyer & Ambassador Ballroom
10:30-11:30 a.m.	<b>Breakout Session A</b>		
	<p><b>Z V. Q: Discussion and Best Practices</b> This session will allow for discussion and feedback regarding the usage of the codes Z and Q within a program's instructional design. Please come prepared to share best practices. <b>Deb Miller, MDE-OCTE</b></p>	1 CAR 	Gerald R Ford Ballroom
	<p><b>Did You Know That Many of the Graduation Requirements Can Be Met in Career and Technical Education? Let's Talk About the MMC Flexibility!</b> The Michigan Merit Curriculum (MMC) graduation requirements are not meant to be a one-size fits all. Instead, the content of the MMC should be embedded into courses, experiences, and CTE programs, allowing students to gain the required proficiencies in meaningful ways. This session will discuss in detail the MMC as well as flexibility options, including the personal curriculum, and the application to CTE. <b>Rashell Bowerman, MDE</b> <b>Dorothy Switalski, MDE-OCTE</b></p>	1 CAR 	Ambassador West <b>FLEX</b>
	<p><b>Bridging the Gap, Creating K-12 Engagement through CCMR &amp; WBL Learning</b> In this solution-driven session, learn from industry and educational professionals how to engage all learners in CCMR exploration and development to empower students to be future ready. Participants will discuss development of student's occupational identity and building social capital through interactive, digital, LIVE World of Work experiences for all students! <b>Tasha Sheehan, Pathful</b> <b>Tara Hall, Lake Orion High School; Kevin Gallo, Pathful</b></p>	1 CAR 	Governors Room <b>EXB, WBL</b>
	<p><b>Three C's for New CTE Teachers</b> Are you a new CTE teacher? Join us for a time of collaboration, clarification, and community in a workshop style session, as we work together, answer questions, and share best practices in CTE. Session hosted by Michigan CCDA. <b>Cindy Goss, Kalamazoo RESA</b> <b>Cindy Philip, Berrien RESA; Patty Adolfs, Oakland Schools</b></p>	1 CAR 	Pantlind Ballroom <b>TEACH</b>
	<p><b>Leveraging Partnerships for Career and Work Experiences</b> Learn how we have helped Career and Technical Education and Early Middle College students gain career and employment experiences. As partners with our local Michigan Works! We are able to leverage WIOA funds through their Youth Services Program to help students earn industry recognized credentials, and support employers to pay wages for our students' work experiences. This program also helps students access funding for materials needed for their job/education such as equipment, travel, and clothing expenses. <b>Ted Kroll, Livingston ESA</b> <b>Michelle Radcliff, Livingston ESA; Dawn Awry, Livingston County</b></p>	1 CAR 	Vandenburg A <b>EMC, WBL</b>

Time	Session Information	SCECH	Location
10:30-11:30 a.m.	<b>Breakout Session A</b>		
	<p><b>Middle Vision: Connecting Students to Purpose and Career Pathways</b>                      CTE and middle school educators designed an after-school program focused on solving real world problems and connecting solutions to career opportunities. Hear how a team committed to re-engaging students created opportunities at the Muskegon Career Tech Center for students to find purpose in their schooling and career exploration.  <b>Annlyn McKenzie, Muskegon Career Tech Center</b>  <b>Kathy VanTil and Benika Longmire, Muskegon Career Tech Center</b></p>	1 CAR 	Grand View <b>MCDM</b>
	<p><b>Connect Careers to Learning: The Answer to "When will I ever use this?"</b>                      When we connect careers to learning we can collectively close the equity gap in education while increasing the connection between education, employers, and economic development. Educators will learn about the free resources supporting this initiative. Learn about a new career exploration and pathway development system for students in grades 6-12 that will be available to students this fall at no-cost.  <b>Dr. Joseph Goins, NS4ed</b></p>	1 CAR 	Nelson <b>EXB, MCDM</b>
	<p><b>Teaching Cybersecurity with CYBER.ORG</b>                      Join us for the Cybersecurity course from CYBER.ORG. We will explore the structure of the course to see labs using a cyber range, view real world case studies, lessons, and quizzes. Aligned to the CompTIA Security+ certification and ready for classroom use, the course is free of charge!  <b>Dr. Chuck Gardner, CYBER.ORG</b></p>	1 CAR 	Emerald B <b>TEACH</b>
	<p><b>Preparing the Future: The Teacher Academy</b>                      The Teacher Academy program at Kent Career Tech Center uses an innovative model to recruit and train Michigan's next generation of teacher leaders. The academy teachers will explain their program, what makes it unique, and how they are shaping the future of teacher preparation in Michigan.  <b>Laura Castle, Kent ISD</b>  <b>Adrianna Lynn and Joseph Phillips, Kent ISD</b></p>	1 CAR 	Heritage Hill <b>FPME</b>
	<p><b>Strive for a Safer Drive (S4SD)</b>                      Strive for a Safer Drive (S4SD) is a peer-led traffic safety campaign, aiming to reduce the leading cause of death for teens — traffic crashes. S4SD is a joint effort between the Michigan Office of Highway Safety Planning and Ford Motor Company Fund, encouraging teens to talk to other teens and community members about making safe driving choices. Schools will develop and implement a student-led, peer-to-peer traffic safety awareness campaign. Up to 75 Michigan high schools will be selected and the top 5 schools win cash prizes.  <b>Kayla Thomas-Wright, Strive for Safer Drive</b>  <b>Chrysten Gregory, West Shore ISD</b></p>	1 CAR 	Thornapple
	<p><b>Todays Apprenticeships are Exciting!</b>                      Stop in and find out what's happening in Apprenticeship, Apprentice Readiness, And Pre-Apprenticeship. Let's explore the routes into each type of program and where those routes lead. Can a CTE program be the launching pad for these exciting, rewarding, and lucrative careers? We will discuss a number of options for youth in an interactive format.  <b>John Hartwell, Operating Engineers 324</b></p>	1 CAR 	Vandenburg B <b>EHB, RAP</b>
	<p><b>Teaching Drone Technology : Are you Ready?</b>                      Teaching Drone technology within CIP 49.0101. This session will identify different types of drones and also explores the best simulation which enables students to practice before flying. Emphasis will be placed on learning required rules, certification standards and FAA Part 107 knowledge test.  <b>Martin Grant, West Michigan Aviation Academy</b>  <b>George Pavey, West Michigan Aviation Academy; Eric Fillingner</b></p>	1 CAR 	Pearl <b>TEACH</b>
	<p><b>Employability Resources and Micro-credentials</b>                      How do we prepare students for the workplace? How do credentials, micro-credentials, and a good resume help? We start with quality CTE instruction, sprinkle in an understanding of the world of work and we finish things off with some great resources! This session will discuss 2 new tools, NOCTI's Resume Builder and NOCTI's micro-credentials. Come find out how these services could enhance your program, benefit your students, and program stakeholders. Lastly, learn how these tools are being applied in the classroom.  <b>Mandy McCall, NOCTI</b></p>	1 CAR 	Berkey <b>EXB, TEACH</b>



# Session Descriptions

# Monday, January 30

Time	Session Information	SCECH	Location
10:30-11:30 a.m.	<b>Breakout Session A</b>		
	<p><b>PBIS in CTE: Building a System for Student Success</b>            Learn about the journey the TECH Center took in developing a system of Positive Behavior Interventions and Supports (PBIS) for CTE students. With input from local industry, student leadership, and CTE staff we used the PBIS framework to focus on teaching the in-demand employability skills sought by local employers.  <b>Benjamin Murray, LISD Tech Center</b>  <b>Johanna Lentz and Kristina Good, LISD Tech Center</b></p>	1 CAR 	Haldane
	<p><b>How Titans of CNC Academy has revolutionized my Machine Tool program.</b>            Titans of CNC Academy is an industry relevant free curriculum that gets students ready for the world of CNC machining. It is a systematic program that takes students from basic to complex . This curriculum has revolutionized my program. With standard stock, tools, prints and inspection sheets it frees up Instructors to focus on Instruction.  <b>Gabriel Kooyers, Van Buren Tech</b></p>	1 CAR 	Kendall <b>TEACH</b>
	<p><b>Regional Collaborations Increase School Bandwidth for Work-based Learning</b>            Gain insights on how to establish a work-based learning ecosystem designed to increase student access, reduce school workload, improve student outcomes, and effectively engage business partners. Hear specific examples from Illinois and Minnesota programs launched in 2020 and 2021 respectively that continue to thrive and grow under this model.  <b>Amanda Daniels, GPS Education Partners</b></p>	1 CAR 	Emerald A <b>EXB, WBL</b>
11:30 a.m. - 12:45 p.m.	<p><b>Keynote Luncheon</b>  <b>Dr. Brian Pyles, Director of the Office of Career and Technical Education</b></p>	1 CAR 	DeVos
12:45-1:15 p.m.	<b>Coffee Break with Exhibitors</b>		Center Concourse, Crown Foyer & Ambassador Ballroom
1:15-2:15 p.m.	<b>Breakout Session B</b>		
	<p><b>Char-Em Street STEM</b>            Char-Em Street STEM is a unique program that brings STEM activities into Elementary and Middle School Classrooms. It connects students to CTE and careers at an earlier age so they can make an informed decision about what career cluster they want to pursue.  <b>Brandon Beltz, Charlevoix-Emmet Intermediate School District</b>  <b>Tory Thrush and Hannah Sanderson, Charlevoix-Emmet Intermediate School District</b></p>	1 CAR 	Gerald R. Ford Ball- room <b>EIP, MCDM</b>
	<p><b>Your CTE Professional Growth Partner - Michigan Association for Career and Technical Education (MI ACTE)</b>            Discover how Michigan ACTE supports teachers, paraprofessionals, counselors and administrators in Michigan’s career and technical education programs. This interactive session will engage participants as you learn about Michigan and National ACTE resources, professional development, and advocacy. Both federal and state legislative updates will be presented.  <b>Jim Berry, St. Joseph County ISD</b>  <b>Jamie Engel, Ingham ISD; Doug Bush, Gratiot-Isabella RESD; Michael Connet, Association for Career and Technical Education</b></p>	1 CAR 	Ambassador West
	<p><b>EDP: The Roadmap to Career Readiness Success</b>            To provide educators with the tools needed to provide support to students so they can own their EDP, understand the how and why, and use the EDP to its full potential. The presentation addresses the importance of career exploration while in middle and high school.  <b>Samantha Jackson, Kent ISD</b>  <b>Dollineller Michelle Large, Kent ISD</b></p>	1 CAR 	Governors Room <b>MCDM</b>



Time	Session Information	SCECH	Location
1:15-2:15 p.m.	<b>Breakout Session B</b>		
	<p><b>Implementing Evidence-Based Grading Part 1</b>                      Considering Evidence-Based Grading? This is for implementation teams to support your work in developing a WHY commitment statement for moving away from the traditional grading and assessment systems. Each team will begin to form their personal and team WHY to Evidence-Based Grading.  <b>Bernard Brown, Newaygo County Career Tech Center</b>  <b>Heidi Vissia, Rick Mushing, Jason Baldus, and Renee Schweitzer, Newaygo County RESA</b></p>	1 CAR 	Pantlind Ballroom <b>FLEX</b>
	<p><b>Rural Based Technical Education Center Early Middle College</b>                      Learn how a small U.P. Technical Education Center grew a consortium early college program from two degree options to eight options in five years. The focus is providing students an opportunity to complete a college degree with the flexibility to change their mind and return to their original graduation year.  <b>Michael Mulligan, Dickinson-Iron ISD</b>  <b>Ashley Rogers, Dickinson-Iron ISD</b></p>	1 COL 	Emerald A <b>EMC</b>
	<p><b>Design Thinking 101: Utilizing Problem Solving in the Classroom for Meaningful Student Development</b>                      Learn about an instructional mindset that can be used in any CTE course to support students' development as problem solvers and innovators. Experience a slice of how to use this process with your students in relevant learning experiences to support development in technical and career ready practices.  <b>Kathy VanTil, Muskegon Career Tech Center</b>  <b>Annlyn McKenzie, Muskegon Career Tech Center</b></p>	1 CAR 	Pearl <b>TEACH</b>
	<p><b>Using Microsoft Tools to Increase Engagement and Productivity in the Classroom</b>                      This session delves into Microsoft Teams and Sway as a way to prepare students in all CTE programs for technology in the workplace. Microsoft Teams in the classroom is a way to build classroom community and allow students the opportunity to get used to a platform used in today's workforce. In addition, the Sway application allows students to help build community relationships with the implementation of e-newsletters distributed quarterly throughout the district. The session will also explore various Microsoft Tools that can help students and teachers be more efficient and productive.  <b>Kellie Greener, Sault Area High School and Career Center</b></p>	1 CAR 	Vandenburg A <b>TEACH</b>
	<p><b>Bringing Labor and Future Apprentices Together: The UPCC Building Trades Summer Camp Experience</b>                      During the Summer of 2022, the Upper Peninsula Construction Council offered a paid summer camp for high school students in Delta County. For the first time ever, Upper Peninsula youth spent 6 weeks learning a variety of valuable construction skills in a safe, educational setting. We will share the details of how it was organized, implemented, and how it can be replicated to meet labor demands in your area.  <b>Trent Bellingar, Delta Schoolcraft ISD</b>  <b>Mike Smith, Upper Peninsula Construction Council</b></p>	1 CAR 	Vandenburg B <b>RAP, WBL</b>
	<p><b>Introducing Hospitality Careers for Elementary and Middle School Students</b>                      We will share safe, age-appropriate ways to introduce culinary arts and hospitality management careers at various age levels, including best practices like youth summer camps, career center open houses, and classroom-based projects. Our presentation will be interactive, and you will leave with a complete lesson plan and supplies.  <b>Amanda Smith, Michigan Restaurant &amp; Lodging Association Educational Foundation</b>  <b>Mallory Schluchter, Michigan Restaurant &amp; Lodging Association Education Foundation</b></p>	1 CAR 	Emerald B <b>EXB, MCDM</b>

Time	Session Information	SCECH	Location
1:15-2:15 p.m.	<b>Breakout Session B</b>		
	<p><b>Grow Your Own - Inspiring Students to be Future Educators</b>                      This session provides resources to implement a Grow Your Own model in your community. Teacher shortages impact so many districts, yet 60% of teachers return to teach within 20 miles of their high school. Learn how starting an Educators Rising program in your community can ensure recruitment from within.  <b>Lisa Rollins, PDK/Educators Rising</b>  <b>Vicki Anthony, PDK/Educators Rising</b></p>	1 CAR 	Heritage Hill FPME
	<p><b>Using Employability Skills Checklists as an Instrument for Measuring Career Readiness Growth</b>                      Employers consistently lament the lack of Employability (or Soft) Skills among today's graduates. Join us as we share how multiple teachers across several districts in Kent County piloted implementation of an Employability Skills Checklist with their students to see if these skills would grow when intentionally addressed and assessed.  <b>Eric Kelliher, Kent ISD</b>  <b>Madeline Liggett, Cedar Springs Public Schools</b></p>	1 CAR 	Thornapple
	<p><b>SME PRIME - Industry Informed Manufacturing Education</b>                      SME PRIME builds tailored manufacturing/engineering programs in high schools across the country, providing equipment, curriculum, professional development, scholarships, STEM-focused extra-curricular activities, and sustainability funding to students and teachers. Nationwide, SME PRIME provides complimentary hands-on education to more than 81 schools in 22 states - 32 of which are in Michigan. Learn more about bringing SME PRIME to your school or district.  <b>Shelley Wooley, SME Education Foundation</b></p>	1 CAR 	Grand View EXB
	<p><b>Redefining Advanced Manufacturing thru Industrial Sewing</b>                      ISAIC, Industrial Sewing and Innovation Center is a nonprofit redefining the apparel industry and provides solutions centered around people, education, advanced manufacturing and upward mobility for workers. Located in Carhartt's flagship store in mid-town Detroit, ISAIC's proprietary training curriculum is being used in multiple states across the country. DPSCD has partnered with ISAIC to provide apprenticeship opportunities and articulated credit through various post-secondary institutions. We're looking for other high schools to partner with us. Come and learn what's new in industrial sewing and how to get your students involved!  <b>Dana Hughes, Detroit Public Schools Community District</b>  <b>Jen Guarino, ISAIC, the Industrial Sewing and Innovation Center, Anne Masterson, ISAIC Development Consultant</b></p>	1 CAR 	Berkey RAP
	<p><b>Implementing a MTSS Pilot Program</b>                      This session will describe our process for implementation of MTSS in six of our CTE programs. Topics covered will include: justification for implementation, timeline, strategies/interventions, and data review process.  <b>Chris Haines, Northwest Education Services</b>  <b>Jana Miseta, Rebecca Kinnee, and Melanie Dahlman, Northwest Education Services</b></p>	1 CAR 	Haldane
	<p><b>Trane's "BTU Crew" PBL/WBL Energy Education Program with Data Analytics</b>                      Learn about Trane's online "BTU Crew" PBL/WBL Energy and Data Analytics resources to enhance science education for grades 4-12 in the area of energy education and data analytics. Engage students in science with hands-on STEM activities and learn to analyze your school's energy data using high tech industrial tools.  <b>Bill Nelson, Trane Technologies</b>  <b>Dr. Dave Hornak, Holt Public Schools</b></p>	1 CAR 	Kendall EXB, MCDM, WBL
	<p><b>Becoming a Resilient Leader</b>                      The lesson of the past two years is that to survive and thrive, you have to be resilient to change. Learn strategies that will grow your ability to see, communicate, and adapt to change. Develop skills that will make you successful – no matter what the world throws at you next!  <b>Josh Davies, The Center for Work Ethic Development</b></p>	1 CAR 	Nelson

# Session Descriptions

# Monday, January 30

Time	Session Information	SCECH	Location
2:15-2:30 p.m.	<b>Coffee Break with Exhibitors</b>		Center Concourse, Crown Foyer & Ambassador Ballroom
2:30-3:30 p.m.	<b>Breakout Session C</b>		

### Utilizing Careers in Education to Meet Workforce and Community Needs

Learn how Saginaw County worked together to build relationships to create a true educator workforce pipeline with local school educational agencies, colleges, and universities. This 13,000 program allows student choice of either an early childhood or a PK-12 pathway, leading to large amounts of college credits that count towards degrees in education. Additionally, this program feeds the first USDOL registered teacher apprenticeships in Michigan and supports the local community through a variety of grant-funded, innovative, educational supports.

**Connie Griffore, Saginaw Public Schools**  
**Jenny Geno, Saginaw ISD and Candace Vinson, MDE-OCTE**

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Gerald R. Ford Ballroom  
**EIP, EMC, FPME, RAP**

### Uncovering Careers Through Counselor Professional Development

The CTE team at Ottawa Area ISD will share their model for providing College, Career, and Military SCECH opportunities for local counselors, educators, and administrators. The Uncovering Careers PD series explores pathway options for students through industry tours, community networking, book studies, interactive panels and more.

**Jacquie Rehkopf, Careerline Tech Center, Ottawa Area ISD**  
**Shayna Carlson, Careerline Tech Center, Ottawa Area ISD**

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Ambassador West

### Marine Corps Opportunities

The Marine Corps offers numerous opportunities to students and graduates. These come in the form of scholarships, certifications through active and reserve programs, and a wide range of careers. We will discuss these opportunities and answer questions to raise educators awareness about the Marine Corps to share with their students.

**Hokan Holmquist, Marine Corps Recruiting Station Lansing**  
**Bryen Roder, Marine Corps Recruiting Station Lansing**

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MIL

Governors Room  
**EXB**

### In's and Out's of Placing Students in a Work Environment

What is MCPA Definition of WBL and the WBL Continuum Information and Insight into the Many Options of WBL Opportunities for Students and Benefits of WBL Key Components Documentation Requirements Opportunities with MCPA

**Tammy Rutledge, Michigan Career Placement Association**  
**Ron Richards, Jackson Area Career Center**

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Pantlind Ballroom  
**WBL**

### Unplugged: A Frank Discussion of Early Middle College Programs

Are you considering opening an Early Middle College Program? Do You Already Have an Early Middle College Program and Have Questions? Then come join our panel discussion with Early Middle College Coordinators from around the State! We will share some best practices, insights of what we have learned while running our Early Middle College programs and then open the floor to your questions. We look forward to you joining us during this time of sharing.

**Melissa Springsteen, Berrien RESA**

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Emerald A  
**EMC**

### Educating for Employability

To be successful in the workforce, our students need support in developing financial literacy, positive relationships, mental health, professionalism, and social skills. In this session, we will explore how an understanding and mastering of these skills helps to increase overall wellness. Educators will get access to EVERFI's no-cost, standards-aligned online resources and corresponding offline lesson plans.

**Ryan Trauger, EVERFI**  
**Jill Mailing, EVERFI**

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Heritage Hill  
**EXP, TEACH**

**CANCELLED**

### Automotive Service Excellence (ASE) Education Accreditation for Career and Technical Education (CTE) Programs

ASE accreditation tips and tricks from the ASE Michigan Field Manager and the Michigan Department of Education (MDE) Office of Career and Technical Education (OCTE) Education Consultant for Transportation. Note: ASE Education was formerly known as NATEF.

**Dorothy Switalski, MDE-OCTE**  
**Dan Klecker, ASE Education Foundation**

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Vandenburg A  
**TEACH**



Time	Session Information	SCECH	Location
2:30-3:30 p.m.	<b>Breakout Session C</b>		
	<p><b>Hospitality Sector Apprenticeships &amp; Credentials</b>                      Did you know that there are 5 DOL registered Hospitality Sector Apprenticeships available in Michigan? Learn about the Line-Cook, Kitchen Manager, Restaurant Manager, Hotel Cook, and Lodging Manager apprenticeships and how secondary training programs align. Learn how the programs offered at the CTE centers will ensure students' advanced placement in postsecondary training and credentials.  <b>Amanda Smith, Hospitality Training Institute of Michigan</b></p>	1 CAR 	Emerald B EXB, RAP
	<p><b>Middle School CTE Resources</b>                      Come discover brand new CTE textbooks and comprehensive online resources for the middle school classroom. Demonstration of online platform that can be integrated with all learning management systems(Canvas, Schoology, Google Classroom, etc.). New titles highlighted for Careers, Computer Science(Coding), Financial Literacy, Ag, Engineering and Carpentry. All attendees will receive print and online samples of 2023 and 2024 copyright titles!  <b>Allen McCaskill, Goodheart-Willcox Publisher</b></p>	1 CAR 	Pearl EXB, MCDM
	<p><b>FCCLA: Built for the Classroom, Built for You</b>                      This session will show you how FCCLA is an intracurricular organization that is designed to be integrated into the classroom to develop 21st century leadership and career readiness. We will also discuss excellent opportunities and resources for FCS, Ed Careers and Hospitality &amp; Tourism programs to get involved.  <b>Andrew Richardson, Michigan FCCLA</b>  <b>Lisa Willerick, Eisenhower High School</b></p>	1 CAR 	Grand View EXB
	<p><b>A Systems Approach to Shifting Career Culture</b>                      Career development is more than completing EDPs. Creating a career development culture takes a systems approach that starts with assessing the needs of students, staff, and community stakeholders. Attendees will understand the implementation process for creating a comprehensive career development program that better prepares students for CTE pathways and beyond.  <b>Gretchen Paniccuci, Youth Solutions</b>  <b>Donna Rummell, Youth Solutions</b></p>	1 CAR 	Thornapple EXB, MCDM
	<p><b>CTE Survival Guide: Transitioning From Industry To The Classroom</b>                      The transition from industry to education can be difficult. Learn how to survive your first year and build a program you will love to teach and that will engage students. The session will focus on building relationships, classroom management, grading practices, and understanding the differences between industry vs. teaching.  <b>Jamie Hess, Calhoun Area Career Center</b>  <b>Heidi LaGrow, Calhoun Area Career Center</b></p>	1 CAR 	Vandenburg B TEACH
	<p><b>Earning Industry Certifications Beyond the Classroom - The New Reality of CTE</b>                      From districts taking CTE programs on the road to outside-the-box strategies for delivering hands-on content and skills in-person and remotely, discover how students and adult learners can prepare for and potentially earn up to 33 industry credentials in health science, advanced manufacturing, transportation, and agri-science pathways using augmented and virtual reality.  <b>Justin Kopesky, zSpace</b>  <b>Nick Pinchok, zSpace</b></p>	1 CAR 	Berkey EXB, TEACH
	<p><b>Connecting Career Development to Continuous Improvement</b>                      In this session, participants will understand the connection to career development planning to the continuous improvement process (MICIP).  <b>Theresa Nugent, MDE</b>  <b>Celena Mills, MDE-OCTE</b></p>	1 CAR 	Haldane MCDM

Time	Session Information	SCECH	Location
2:30-3:30 p.m.	<b>Breakout Session C</b>		

### It Takes an Ecosystem: How to Engage Diverse Stakeholders to Create a Future Ready Community

This session will highlight strategies for building deep multi-sector partnerships to strengthen the local career readiness ecosystem with public and private stakeholders committed to building the local economy and diversity of the workforce.

**Dr. Arlene Williams, NAF**

**Dr. Marcy Aycock, NAF; Brenda Belcher, Consultant; Shawn Hill, Detroit Public Schools Community District; Dr. Justin Clement, NAF; Dana Hughes, Detroit Public Schools Community Schools District**

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Kendall  
**EXB, WBL**

### Implementing Systematic Career Readiness in Elementary

Learn new, innovative ways to embed career readiness at the elementary level through the experience of Thornapple Kellogg and Kent ISD's collaboration.

**Erin Tarkington, Kent ISD**

**Jill Funk and Mackenzie Baumgardner, Thornapple Kellogg Public Schools**

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Nelson  
**MCDM**

3:30-3:45 p.m. **Coffee Break with Exhibitors**

Center Concourse, Crown Foyer & Ambassador Ballroom

3:45-4:45 p.m. **Breakout Session D**

### GC CTE EMC 6 Years Later . . . What we have learned

The team from GISD will share with participants strategies and lessons learned from their Six-Year CTE EMC experience. Session will include the yearly process of reviewing goals and programs with key stakeholders.

**Jennifer Thomas, Genesee Intermediate School District**

**Merry Jane Robertson, Genesee Intermediate School District**

**Andrea Tomczak, Genesee Intermediate School District**

**Diana Allard, Genesee Intermediate School District"**

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Gerald R. Ford Ball-  
room  
**EIP, EMC**

### IEP Students Earning Industry Certifications

Students with IEP's can and should earn industry certifications. In this session you will learn some specific techniques that we use to accommodate the needs of students in order to retain the knowledge, and develop those skills needed to earn industry certifications. The blending of classroom instruction with hands on learning is a delicate balance, especially for IEP students. Learn some proven techniques which will streamline your CTE Learning environment, using iCEV Online Learning Platforms. ( Please bring a device to access the internet.)

**Mike Meissner, Huron ISD; Tammy Hyatt, Lapeer ISD**

**Ken Bollinger, iCEV**

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Pearl  
**EXB, TEACH**

### Michigan Merit Curriculum: How the New Personal Finance Requirement impacts CTE

Beginning with the graduating class of 2028, students who earn a high school diploma in Michigan will need a half credit in personal finance. This session explains the new legislation around personal finance and how CTE can support meeting this requirement in many ways including embedding the personal finance standards into any CTE program.

**Rashell Bowerman, MDE**

**Dorothy Switalski, MDE-OCTE**

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Ambassador West  
**FLEX**

### Ensuring Compliant Policies and Procedures

This session is intended for the less seasoned Perkins Coordinators, CTE Directors, and/or CEPD Directors. It is the presentation given by Michael Brustein and his colleagues to the State Department. The intent is to assist local and regional staff with Uniform Grant Guidance (UGG) legal regulations and resources to keep current on financial management procedures, allowability, time and effort documentation, UGG adopted flexibilities, procurement, conflict of interest, and inventory management.

**Christine Black, MDE-OCTE**

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CAR 

Governors Room

Time	Session Information	SCECH	Location
3:45-4:45 p.m.	<b>Breakout Session D</b>		
	<p><b>Implementing Evidence-Based Grading Part 2</b>                      Considering Evidence Based Grading? We will build on your WHY from part-1 to help create an environment within your organization to support teachers and leaders in this transformational process. Implementation teams will learn how the environment is the core element to making an Evidence-Based Grading system. From these core elements teachers and leaders will begin to form the foundation to embrace the essential structures needed to do this work in session 3 and 4.  <b>Bernard Brown, Newaygo County Career Tech Center</b>  <b>Heidi Vissia, Rick Mushing, Jason Baldus, and Renee Schweitzer, Newaygo County RESA</b></p>	1 CAR 	Pantlind Ballroom <b>FLEX</b>
	<p><b>The Path to Leadership</b>                      Once you have experience in the classroom you can become a building leader. The path to earning the certification is easier than you may think. MASSP offers the alternative path to earn a PK-12 Building Administrators certificate. The Path to Leadership Program is 100% online and costs 1/3 the price of earning a masters degree in leadership. During this session you will learn more about the program.  <b>Tammy Jackson, MASSP</b>  <b>Tony King and Joy Paquette, Mecosta-Osceola Career Center</b></p>	1 CAR 	Emerald A <b>EXB</b>
	<p><b>Classroom Hacks</b>                      Tips and tricks for newer CTE teachers focusing on Classroom Management, Student Engagement, CTE Acronyms and Grading. What you wish you'd known before the start of the year.  <b>Cindy Philip, Berrien RESA</b>  <b>Cindy Goss, KRESA; Ben Murray, Lenawee ISD Tech Center</b></p>	1 CAR 	Vandenberg B <b>TEACH</b>
	<p><b>Biz Courses, Bellringers, and Balance Sheets</b>                      BusinessU now provides MI-specific standards-based reporting for all of its high school courses, a weekly Bellringer episode series (currently in Season 2), and MS Office certification prep materials!</p> <p>BusinessU is a standards-based, interactive curriculum platform with full-year courses including Marketing, Personal Finance, Entrepreneurship, Accounting, Intro to Business, Economics, Management, and Finance.</p> <p>Each course provides lessons based on standards, video content presented from a group of young, diverse entrepreneurs, and also various summative (auto-graded) and formative (individual and group activities) assessments, projects, discussions, &amp; exams. The platform also includes a weekly bellringer video resource based on current events and case studies.</p> <p>The Teacher Dashboard provides real-time measuring and monitoring tools, standards-based analytics, group management, tracks student leader efficacy, and custom rubrics. Fully integrated with Google Classroom, Canvas, Schoology and MS Teams. BusinessU's Liz Brown Evans and one of BU's lead MI Accounting teachers will be giving the presentation.  <b>Liz Brown Evans, Business U</b>  <b>Tom Mavis, Rochester Adams High School</b></p>	1 CAR 	Vandenberg A <b>EXB, TEACH</b>
	<p><b>Where CTE Meets the Road</b>                      Integrate hands on projects through the excitement of RC racing with Mini Innovative Vehicle Design (IVD). Students gain valuable design and engineering experiences with real world application of classroom content. This grant-funded project is simple in concept, yet complex and challenging in both scope and performance, providing a formative STEM experience and a hook that propels students toward success.  <b>Barb Land, Square One Education Network</b>  <b>Matt Ruth, Huron Area Technical Center; Jim Schirmer, Square One Education Network</b></p>	1 CAR 	Heritage Hill <b>EXB, TEACH</b>
	<p><b>SkillsUSA: How to Get Started</b>                      Join us to learn the essentials of implementing a high-quality SkillsUSA chapter. We will share strategies for success for all program components from leadership development through competitive events.  <b>Danielle West, SkillsUSA Michigan</b>  <b>Jack Munn, SkillsUSA Michigan</b></p>	1 CAR 	Grand View <b>EXB</b>

Time	Session Information	SCECH	Location
3:45-4:45 p.m.	<p><b>Breakout Session D</b></p> <p><b>Work Based Learning: Help!</b>                      WBL through the lens of best practice at KISD. Forms and procedures we follow for discussion and sharing Company engagement practices we practice WBL continuum and how we introduce to business and industry What we have learned these past few years as we have targeted growth Items to avoid Share out of best practice from those in the room that serve in WBL  <b>Ryan Graham, Kent ISD</b>  <b>Gregg Isenhoff, Kent ISD / Kent Career Tech Center</b></p>	1 CAR 	Kendall WBL
	<p><b>Hospitality &amp; Tourism Management Implementation Support</b>                      Learn the HTM program benefits including instructional support materials, the robust textbook, and assessment credentials. Students will have access to a MARC and college credit. Educators will have access to affordable professional development and industry. Externships, field trips, tours, and resources are available for every Perkins Standard.  <b>Amanda Smith, Michigan Restaurant &amp; Lodging Association Educational Foundation</b>  <b>Jill Arnett, National Restaurant Association</b></p>	1 CAR 	Emerald B EXB
	<p><b>Looking for knowledge on the CDA and MiYDA training and credentialing process? Come to the CDA and MiYDA boot camp.</b>                      Why reinvent the wheel? There are existing training resources for you as the educator of CTE students obtaining their CDA and MiYDA credentials. Presenters will share these resources and provide information regarding an opportunity for funding credential fees for CTE students.  <b>Paula Spencer, Michigan AEYC</b>  <b>Dianna Erickson, Michigan AEYC</b></p>	1 CAR 	Berkey EXB, FPME
	<p><b>Building Brighter Futures Through Career Exploration and Education</b>                      Career and technical education are rising in popularity, and it's no wonder why! Not only do CTE courses help students explore, select, and define a career or field of interest, but they also support students in learning and developing durable skills, which are highly prized by the job market, and ultimately help students find success in their careers and communities. CTE courses and pathways prepare students for a variety of careers, many that require no postsecondary education, which is vital in an economy where so many jobs only require a high school education or certification. Join us as we explore how opening opportunities for career exploration and technical education for our students today builds foundational skills that create brighter futures for tomorrow.  <b>Sarah Miles, Edmentum</b></p>	1 CAR 	Nelson MCDM EXB
	<p><b>Industry 4.0 Pathways: Bridging the Gap from Secondary to Post-Secondary with Third-Party Certifications</b>                      Educators across Michigan are building advanced manufacturing pathways from high school to college to employment using SACA Industry 4.0 certifications. Learn how these industry-recognized credentials define the skills employers need, lay the foundation for Industry 4.0 curriculum across the state, and create a clear roadmap from education to the workforce.  <b>Chriss Roberts, ATS Midwest</b>  <b>Amy Jones, Schoolcraft Community College; Kristina Pelz, Airport Schools. Jim Wall, The Smart Automation Certification Alliance</b></p>	1 CAR 	Haldane EXB
	<p><b>Next Is Now</b>                      Now is the time for students to plan what's next after high school. We provide schools with a continuum of work-based learning strategies to better prepare students for post-secondary careers. We understand that many students won't attend a college or university after high school; therefore, it's essential to strengthen CTE pathways with equitable career experiences and exposure to better prepare for the workforce.  <b>Carmen Gaines, Latitude Workbased Learning Solutions</b></p>	1 CAR 	Thornapple EXB, WBL
5-6 p.m.	<b>SkillsUSA Meeting</b>		Grand View



# Session Descriptions

# Tuesday, January 31

Time	Session Information	SCECH	Location
7-11:30 a.m.	<b>Registration and Exhibitor Space Open</b>		
7-8 a.m.	<b>Breakfast with the Exhibitors</b>		Center Concourse, Crown Foyer & Ambassador Ballroom
8-9 a.m.	<b>Breakout Session E</b>		
	<p><b>Models for Connecting K-8 Classrooms with Business &amp; Community Partners</b>            How can we connect K-8 classrooms with business and community partners in a systemic, meaningful, and transformative way? Come learn about three programs that have been developed through a partnership between Grand Haven Area Public Schools and the Chamber of Commerce Grand Haven, Spring Lake, Ferrysburg to serve elementary and middle school classrooms.  <b>Ginger Rohwer, MISTEM Network's Greater West Michigan Region</b>  <b>Nancy Manglos, The Chamber of Commerce Grand Haven, Spring Lake, Ferrysburg</b></p>		Grand View MCDM
	<p><b>US Air Force</b>            Air Force benefits and entitlement  <b>Ben Emmons, USAF</b>  <b>Sergeant Tom Fordham, USAF and TSgt Anthony Mayo, USAF</b></p>	1 MIL 	Gerald R. Ford Ballroom EXB
	<p><b>Work-Based Learning Q &amp;A, Discussion, and Best Practices</b>            Join the MDE Career Readiness Unit Consultants for a discussion of best practices and rules of work-based learning. Bring your questions and ideas!  <b>MDE Career Readiness Consultants</b></p>	1 CAR 	Ambassador West WBL
	<p><b>Becoming a CTE Teacher In Michigan</b>            Dr. Adam Manley, Associate Professor of CTE, will share the various ways business and industry professionals can become CTE teachers. Additionally, he will share some of the good and bad associated with the CTE certification process and how WMU's Workforce Education program can help make the transition as easy as possible.  <b>Adam Manley, Western Michigan University</b></p>	1 COL 	Governors Room FPME
	<p><b>Implementing Evidence-Based Grading Part 3</b>            Considering Evidence Based Grading? We will build on your team's WHY and the environmental conditions necessary to build an Evidence Based Grading system. Teams will breakdown the essential elements of an Evidence Based Grading system and how to start by borrowing from existing schools in order to create their own work.  <b>Bernard Brown, Newaygo County Career-Tech Center</b>  <b>Heidi Vissia, Rick Mushing, Jason Baldus, and Renee Schweitzer, Newaygo County RESA</b></p>	1 CAR 	Pantlind Ballroom FLEX
	<p><b>Adaptive Learning for ServSafe</b>            Help your culinary students better prepare for exam success with ServSafe SmartStudy Modules. SmartStudy is an online adaptive learning program aligned with ServSafe Coursebook 8/e or other ServSafe Manager texts. This powerful program provides personalized learning experiences so students can quickly address knowledge gaps and confidently master food safety concepts.  <b>Jill Arnett, National Restaurant Association</b>  <b>Lauren Robin, National Restaurant Association</b></p>	CAR 	Vandenberg A EXB, TEACH
	<p><b>G-W IGNITE (Skillful Digital Learning)</b>            Join Allen McCaskill, your Michigan Educational Consultant for G-W, for this exciting session highlighting a new online learning platform: G-W IGNITE. <a href="https://www.g-w.com/ignite">https://www.g-w.com/ignite</a> Currently available for Automotive, Health Sciences, Education/Training and Culinary Arts. G-W IGNITE lets you track individual student grades, gives reports to CTE standards and helps students master learning outcomes for required credentials. FREE digital access trials will be made available to all teachers who attend!  <b>Allen McCaskill, Goodheart-Willcox Publisher</b></p>	1	Vandenberg B EXB
	<p><b>Navigating the Divide Between Local Labor Market Demands and the Careers Students Want to Pursue</b>            ASPIRES began as a research-practice partnership aiming to improve career development education in the Lansing area. It analyzes a variety of data to identify needs and best practices for schools. This includes supporting students' strengths/interests and aligning programming with labor market needs. This presentation shares our findings thus far.  <b>Jamie Engel, Ingham ISD</b>  <b>Lindsay Wood, Ingham ISD; Alexandra Lee, Michigan State University</b></p>	1 CAR 	Emerald A

Time	Session Information	SCECH	Location
8-9 a.m.	<b>Breakout Session E</b>		
	<p><b>Together is Better: Using Interdisciplinary Scenarios to build your Protective Services programs</b>                      This session will demonstrate how synergistic learning occurs when multiple disciplines work together toward a common goal. We are stronger and better together.  <b>JC Robertson, VB Tech</b>  <b>Jeromy Robertson and Marcus Hamre, VB Tech</b></p>	1 CAR 	Emerald B <b>TEACH</b>
	<p><b>Best Practices for Integrating Employability Skills Across Pathways</b>                      Research continues to tell us that across the country, businesses of all kinds are prioritizing soft skills like problem solving, time management, and work ethic over technical job-related skills. Explore ways to easily incorporate employability and leadership skill development into your everyday lessons to help students prepare to enter the modern workforce.  <b>Karen McDowell, Realityworks</b></p>	CAR 	Pearl <b>EXB</b>
	<p><b>Preparing Students for CTE Pathways: Jobs for Michigan's Graduates (JMG)</b>                      Imagine a world where students come to you already knowing this is exactly where they belong. Preparing underserved students before they enter CTE is often overlooked. Learn how JMG combined with digital tools can provide the career exploration necessary for students to make informed decisions about their potential CTE pathways.  <b>Alexandra Packer, Youth Solutions</b>  <b>Susan Ward, Networks Northwest; Daniel Mathenia, Youth Solutions</b></p>	1 CAR 	Heritage Hill <b>EXB, MCDM</b>
	<p><b>MICE K12: Best practices in teaching Computer Science and Cybersecurity</b>                      Join the MICE K12 team as they present an overview of the MICE K12 initiative and insight into their custom curriculum delivery options for Computer Science and Cybersecurity.  <b>Patrick Schult, MICE K12</b>  <b>Dennis Klaas, MICE K12</b></p>	1 CAR 	Thornapple <b>EXB, TEACH</b>
	<p><b>CTEIS 2022-2023: What's New.</b>                      We will demonstrate new reports functions and features of CTEIS for the 2022-2023 year.  <b>Doug Wiesner, PTD Technology</b></p>	1 CAR 	Berkey
	<p><b>Preparing your Middle and Early High School students to explore and succeed in the future workforce with STEM career pathways</b>                      Looking for ways for Middle and Early High School students to combine STEM learning with career pathway exploration? We are using career pathways programming designed to provide students with the skills to succeed in CTE programs, industrial skills programs, industry certification programs, and college. Each module utilizes project based learning combined with fully developed customizable lessons to create an opportunity for students to develop real world 21st Century skills.  <b>Jon Horowitz, Aidex East</b>  <b>Sara Jobson, Eaton RESA, Kaytie Palmiter Principal Potterville Middle &amp; High School, Mark Weiss VP LJ Create</b></p>	1 COL 	Haldane <b>EIP, EXB, MCDM</b>
	<p><b>Building Work Ethic in a Post-Pandemic World: 5 Strategies to Develop Essential Soft Skills</b>                      The COVID pandemic has forever changed the workplace as we know it. While technical skills are still important, the biggest concern for employers are the diminishing soft skills of the workforce. This workshop will provide five key strategies for developing the essential work ethic skills employers demand.  <b>Josh Davies, The Center for Work Ethic Development</b></p>	1 CAR 	Kendall
	<p><b>Michigan Resource Hub</b>                      FHI 360's National Institute for Work and Learning (NIWL) developed a resource hub for Michigan's trained providers to access materials, content, and curricula, and execute online, self-paced eModules (mini courses) for youth on STEM2D, career awareness and educational/career planning. Participants will be led through the resource hub during this session to explore all that it has to offer.  <b>Lisa Johnson,</b>  <b>Amanda McMahon, FHI360 - National Institute for Work and Learning</b></p>	1 CAR 	Nelson <b>EXB, MCDM</b>
9-9:30 a.m.	<b>Coffee Break with Exhibitors</b>	Center Concourse, Crown Foyer & Ambassador Ballroom	

# Session Descriptions

# Tuesday, January 31

Time	Session Information	SCECH	Location
9:30-10:30 a.m.	<b>Breakout Session F</b>		
	<p><b>CIP Self Review and CTE Tool Kits</b> Did you know that the Office of Career and Technical Education has developed many resources for teachers? Come learn more about how to use them! <b>Mark Forbush</b></p>	1 CAR 	Gerald R. Ford Ballroom
	<p><b>Credential Reporting - What you need to know</b> This session will review information for reporting credentials, calculating Perkins Core Performance Indicator 5S1--Recognized Postsecondary Credential, and computing the Student Advancement factor for the state school aid Section 61a.(1) in the current and future years. The session is designed for administrators, data entry staff, and credential coordinators. <b>Jill Kroll, MDE-OCTE</b> <b>Dr. Valerie Milton, MDE-OCTE</b></p>	1 CAR 	Ambassador West
	<p><b>Academic Integration in CTE Programs</b> Career Prep, interviewing and soft skills are essential for students to develop in their program. This session dives into how ELA is integrated into a variety of CTE programs at Northwest Education Services. <b>Kelly Hawkins, Northwest Education Services</b> <b>Erin Kuhn, Northwest Education Services</b></p>	1 CAR 	Pearl <b>FLEX</b>
	<p><b>Getting to know the Michigan Youth Registered Apprenticeship (YRA) Program Manual</b> The Michigan Department of Labor and Economic Opportunity (LEO) State Apprenticeship Expansion (SAE) team is proud to present the Michigan Youth Registered Apprenticeship (YRA) Program Manual. This Manual is an easy guide to all and everything youth apprenticeship! The Michigan YRA Program Manual has sections to support all aspects of YRA Programs and implementation. This Manual will provide guidance and support for educators, employers, apprentices and parents. Truly a "one stop" resource, please join LEO to learn how this important tool can support YRA in your region! <b>Kartav Patel and Kevin Chau, Michigan Department of Labor and Economic Opportunity</b></p>	1 CAR 	Pantlind Ballroom <b>RAP</b>
	<p><b>Construction Trades (Off-Site) Contracting Partnerships with the Community</b> Construction Trades Off-Site Program partnering with community and advisory committee members to support student learning and productivity... Examples Plumbing, Heating, Electrical, Plaster, Excavation, and more...Students have an opportunity to further their career in a one stop shop program with industry recognized credentials and strong industry partnerships. <b>Chris Garzella, VanBuren ISD</b> <b>Cindy Philip, Berrien RESA</b></p>	1 CAR 	Vandenberg A <b>WBL</b>
	<p><b>Preparing Students for Real Life Beyond the Classroom</b> Explore free digital activities focusing on essential real-world topics, including interpersonal skills, mental health, finances, and career readiness. The easy-to-use, self-graded lessons are self-paced and interactive, providing personal, meaningful engagement. <b>Ryan Trauger, EVERFI</b> <b>Cindy Weaver, EVERFI</b></p>	1 CAR 	Kendall <b>EXB</b>
	<p><b>Enhancing Career Conversations with Special Population Students</b> Participants will learn various tools available to support students in the career planning process including career assessments, career search tools, local organization training programs, college resources, and state/federal websites for career outlook researching. <b>Stacy Jackson, Randolph CTC - DPSCD</b></p>	1 CAR 	Emerald A
	<p><b>A Hands on approach to effectively teaching anatomy using clay on a skeletal model</b> Attendees will build replicas of human anatomy using clay and a specially designed skeletal model in a classroom setting. Educators will learn how to implement a unique curriculum system which helps students create a kinesthetic map of the human anatomy. <b>John Theriault, Anatomy in Clay</b> <b>Celena Mills, MDE-OCTE</b></p>	1 CAR 	Emerald B <b>EXB, TEACH</b>

Time	Session Information	SCECH	Location
9:30-10:30 a.m.	<b>Breakout Session F</b>		

### Parents as Career Coaches - Equipping Allies in the Work of Career Development

Research shows that parents are very influential in the career choices of their children, yet most feel ill-equipped in helping their students make post-secondary decisions. It can be a stressful time for all involved. In this session, we will share details of our Parents as Career Coaches workshop designed to educate parents on the career development process, including self- assessment, career exploration and action planning. Curated online resources will be shared. Our goal is for you to "plug and play" this workshop into your district/school. Educating parents on ways to engage and support their student helps bolster your existing career development efforts.

**Krista Harmon, Kent ISD**

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Grand View  
**MCDM**

### Cosmetology Round Table

This session is for cosmetology teachers or administrators with cosmetology programs to discuss current changes in cosmetology rules, share best practices, and learn more about WBL and leadership options.

**Celena Mills, MDE-OCTE**

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Thornapple  
**TEACH**

### Career Development Resources from the Michigan eLibrary

Connected directly to Student Career Development, in this session you will learn how to access free ACT®, ASVAB®, SAT®, and WorkKeys® practice tests; conduct career exploration that includes video cards, current wages & trends, and up-to-date job postings; and explore career practice tests like Allied Health or Plumbing. Additionally, you will learn how to access free publications through MeL such as CTE Journal, Counseling Today, and Techniques: Connecting Education & Careers.

**Ann Kaskinen, Library of Michigan (MDE); Midwest Collaborative for Library Services**

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CAR 

Heritage Hill

### Hamilton Community Schools Work Based Learning

Hamilton Community Schools will describe its non-CTE Work Based Learning program (WBL) offered to students in grades 5-12 which includes graduation requirements related to WBL. For this session, focus on experiences related to grades 5-8, and a deeper dive into our 5th grade construction pathway experience will be used as an example of authentic context related to content and Skills4Success.

**Ashley Meyer, Hamilton Community Schools  
Mat Rehkopf, Hamilton Community Schools**

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Berkey  
**WBL**

### Increasing the Supply of CTE Teachers

The Professional Modularized Teacher Education at Ferris State University has helped to increase the number of CTE teachers for over 10 years. Participants will learn about the application and course requirements for the Promoted Program through its state-wide offerings using local community colleges and the Michigan Occupational Competency Assessment Center.

**Mike Ennis, Ferris State University**

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Governors Room  
**FPME**

### Critique and Revision to Facilitate Deeper Learning and Career Readiness

Learn how the process of teaching students to give and receive feedback improves not only students' technical knowledge but also prepares them for college and career. In this workshop, participants will practice giving and receiving feedback, planning for improvement, and revising their work while identifying relevant Career and Employability skills.

**Elissa Penczar, Muskegon Career Tech Center**

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Vandenburg B  
**TEACH**

### Google and Your CTE Program







Google has many products that are helpful in the classroom, there are even some that are useful in the CTE arena. We will look at different tools and how they can be used by CTE instructors to enhance curriculum and instruction.

**Josh Bridges, Van Buren Tech**

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Nelson  
**TEACH**



Time	Session Information	SCECH	Location
	<p><b>Using Instructional Rounds for Evidence-Based Reporting Continuous Improvement</b></p> <p>This session will focus on how Northwest Education Services uses Instructional Rounds to inform their next level of work related to Evidence-Based Reporting in CTE classrooms.</p> <p><b>Matt Griesinger, Northwest Education Services</b>  <b>Deborah Menchaca, Northwest Education Services</b></p>	1 CAR 	Haldane <b>FLEX</b>
10:30-11 a.m.	<b>Coffee Break with Exhibitors</b>		Center Concourse, Crown Foyer & Ambassador Ballroom
11 a.m.-12 p.m.	<b>Breakout Session G</b>		
	<p><b>Building a Sustainable CTE Program</b></p> <p>Undoubtedly you continually look for ways to support your CTE Teachers as they strive to update their courses, and deliver curricula relevant to today's learning environment. Make funding sources go the extra mile by enhancing your CTE Programs through sustainable investments. Join this session to learn how you can expand program offerings, infuse career readiness, and improve student learning through evidence-based strategies with the iCEV Online Curriculum. Please bring your device to access the internet.</p> <p><b>Ken Bollinger, iCEV</b>  <b>Tammy Hyatt, Lapeer ISD</b></p>	1 CAR 	Pearl <b>EXB</b>
	<p><b>61i Round Table Discussion and Best Practices</b></p> <p>To best prepare for the second round of 61i applications, join a discussion of best practices and strategies being used across the state. This session will also include information on other "Grow Your Own" funding streams (including teacher apprenticeship) that are available if an ISD does not qualify for 61i funding.</p> <p><b>Candace Vinson, MDE-OCTE</b></p>	1 CAR 	Governors Ballroom <b>FPME, RAP</b>
	<p><b>Designing a World-Class Career and Technical Education System</b></p> <p>The competition for talent in Michigan is fierce. You hear about it in the media and see it in "Help Wanted" signs on storefronts. We listen as employers express concern over a drought of skilled labor for jobs—many of them high-paying—and advertise out-of-state for workers, poach from each other or give up altogether in the search for young, skilled talent. Too many young people leave school without the skills employers desire, without a plan or hope for the future. This session will outline the process Kalamazoo RESA has recently undergone to develop and design a world-class system of CTE. The group will present the steps that led to a CTE millage, a \$100 million donation from the community, a continuum of K-12+ career development programs/services, and a new 165,000 square foot facility that serves the needs of both students and the community in which it resides.</p> <p><b>Cameron Buck, Kalamazoo Regional Educational Service Agency</b>  <b>George Kacan, Wightman; Eric Stewart, Kalamazoo Regional Educational Service Agency</b></p>	1 CAR 	Vandenberg A
	<p><b>Implementing Evidence-Based Grading Part 4</b></p> <p>Considering Evidence Based Grading? We will share our team's journey by breaking down our system of implementation and provide reflective questions, time to process, and an opportunity to begin planning your team's journey. By exploring the many political forces and barriers to starting your journey, our desire is that we learn from each other on how to implement a pilot program that leads to a full system of effective implementation to Evidence Based Grading.</p> <p><b>Bernard Brown, Newaygo County Career-Tech Center</b>  <b>Heidi Vissia, Rick Mushing, Jason Baldus, and Renee Schweitzer, Newaygo County RESA</b></p>	1 CAR 	Pantlind Ballroom
	<p><b>Stuff My Old Man Taught Me (And Other Secrets to Thrive and Survive in the CTE Classroom)</b></p> <p>In a very informal session the presenter will draw on over 30 years of experience teaching, and advice from his father (also a life-long educator) to share ideas, anecdotes and stories about what it takes to rise to the challenges of teaching in today's world, while also maintaining a healthy work-life balance and having a little fun along the way. Remember, this IS the best job in the world!</p> <p><b>John Bayerl, Michael Berry Career Center</b></p>	1 CAR 	Gerald R. Ford Ballroom

# Session Descriptions

# Tuesday, January 31

Time	Session Information	SCECH	Location
11 a.m.-12 p.m.	<b>Breakout Session G</b>		

### Road to Professional Construction Trades Apprenticeship!

Learn how to enter a Registered Department of Labor Apprenticeship in the construction trades. This is a panel type discussion with multiple trades and the DOL Office of Apprenticeship to walk you through the entry process to apprenticeship, training, and graduation to Journeyman within the construction trades.

**John Hartwell, Operating Engineers 324**

**Russ Davis, Department of Labor**

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**Emerald B  
EXB, RAP**

### CTE Marketing: Style Meets Substance

In this session we will explore how marketing has transitioned from traditional to digital and how your CTE program may benefit from the outcome. We will discuss ideas and processes on ways we can connect, communicate, and maintain a captive audience to help bridge the gap between communities and CTE education.

**Brittany Millan, Van Buren Tech**

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**Berkey  
TEACH**

### Inclusive Classroom

What is inclusion? How does it look in relation to your classroom setting and classroom culture? Learn how to be intentional with integrating inclusive practices in the classroom to provide access to all.

**Kayla Monville, Branch ISD**

**Kyra Rabbitt, Calhoun ISD**

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**Emerald A  
TEACH**

### CIP Self Review: Benchmarks, Best Practices & Tech Hacks

This session will share strategies to "work smarter" on the CIP Self Review. We use clear benchmarks to complete GEMS categories throughout the year in alignment with professional development sessions and monthly newsletters, which highlight CTE best practices in work-based learning, student leadership, advisory boards, recruitment/equity, and more. Collaborative tech tools and automated LMS-to-CTEIS reports also support CTE teachers and administrators. Let's complete state reporting with less stress and a genuine focus on improving students' CTE experience!

**Meredith Wallace, Kent ISD**

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**Vandenberg B  
TEACH**

### Help Students Save Time to Degree and Reduce Student Debt through CTE

Join MDE - OCTE staff and a postsecondary partner to learn how to maximize credit opportunities for your CTE students while helping them save time to degree and reduce student debt. Attendees will learn how to utilize articulation and postsecondary agreements to develop stronger connections between secondary and postsecondary programs, increase the college going culture in their school, and help students to get a jump start on their postsecondary education.

**Stacey Stover, MDE-OCTE**

**Deedee Stakely, Ferris State University**

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**Ambassador West**

### MICE K12: Innovative approaches to teaching drone technology through customized curriculum.

Join the MICE K12 team to learn strategies for embedding IT, CS, and drone technology in your current program requirements. Custom curriculum for drones will be shared.

**Patrick Schultz, MICE K12**

**Dennis Klaas, MICE (Michigan Initiative for Cybersecurity Education)**

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**Heritage Hill  
EXB, TEACH**

### Navigating the State's CTE Website and At-A-Glance Resources

Learn how to navigate the Michigan Department of Education, Office of Career and Technical Education (MDE-OCTE) website to access valuable tools, resources and information for Career and Technical Education (CTE) and Early Middle College (EMC). After this session, attendees will be able to find CTE and EMC events, instructional resources, data and reports, tool kits, memos, at-a-glance resources, and much more with speed and accuracy!

**Michelle Cordano, MDE-OCTE**

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CAR 

**Haldane**

# Session Descriptions

# Tuesday, January 31

Time	Session Information	SCECH	Location
11 a.m.-12 p.m.	<b>Breakout Session G</b>		

### Career Development in My District: Supporting Staff in Making this Meaning to Students

This session will provide an overview of the MCDM and its intentions, tools for those newly administering career development activities including how to introduce the topic and make it meaningful, resources to help students understand labor market demand, and resources helping students see the relevance of academic subjects to their future career goals.

**Lindy Daman, Ingham ISD**  
**Jamie Engel, Ingham ISD**

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Kendall  
MCDM

### Google Slides: Beyond the Presentation

Teachers use Google Slides everyday in the classroom as a presentation tool, but there are ways to use Google Slides to engage learners. From interactive posters to social media projects, we will explore and practice some of the many different interactive things that teachers can do with their students.

**Josh Bridges, Van Buren Tech**

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Nelson  
TEACH

### Industry Connect

Presenters will share ways to connect with industry partners from a student, classroom, and building level to help build social capital for students. Business partners will join in a panel discussion of the benefits, roadblocks and lessons learned as they have actively engaged with educational stakeholders.

**Shayna Carlson, Careerline Tech Center- Ottawa Area ISD**  
**Nicole Gitler, Careerline Tech Center - Ottawa Area ISD**

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Thornapple

11:30 a.m.-1 p.m.	<b>Exhibitors Breakdown</b>		
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### Closing Keynote INTREPID

12:1:30 p.m.

**Michael Bonner**

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CAR 

Sponsored by 

## SESSION KEY

EIP = Excellence in Practice Winner

EMC = Early Middle College

EXB = Exhibitor Presentation

FLEX = MMC Flexibility

FPME = Future Proud Michigan Educator

MCDM = Michigan Career Development Model

RAP = Registered Apprenticeship Programs

TEACH = Teacher Focused Presentation

WBL = Work-Based Learning

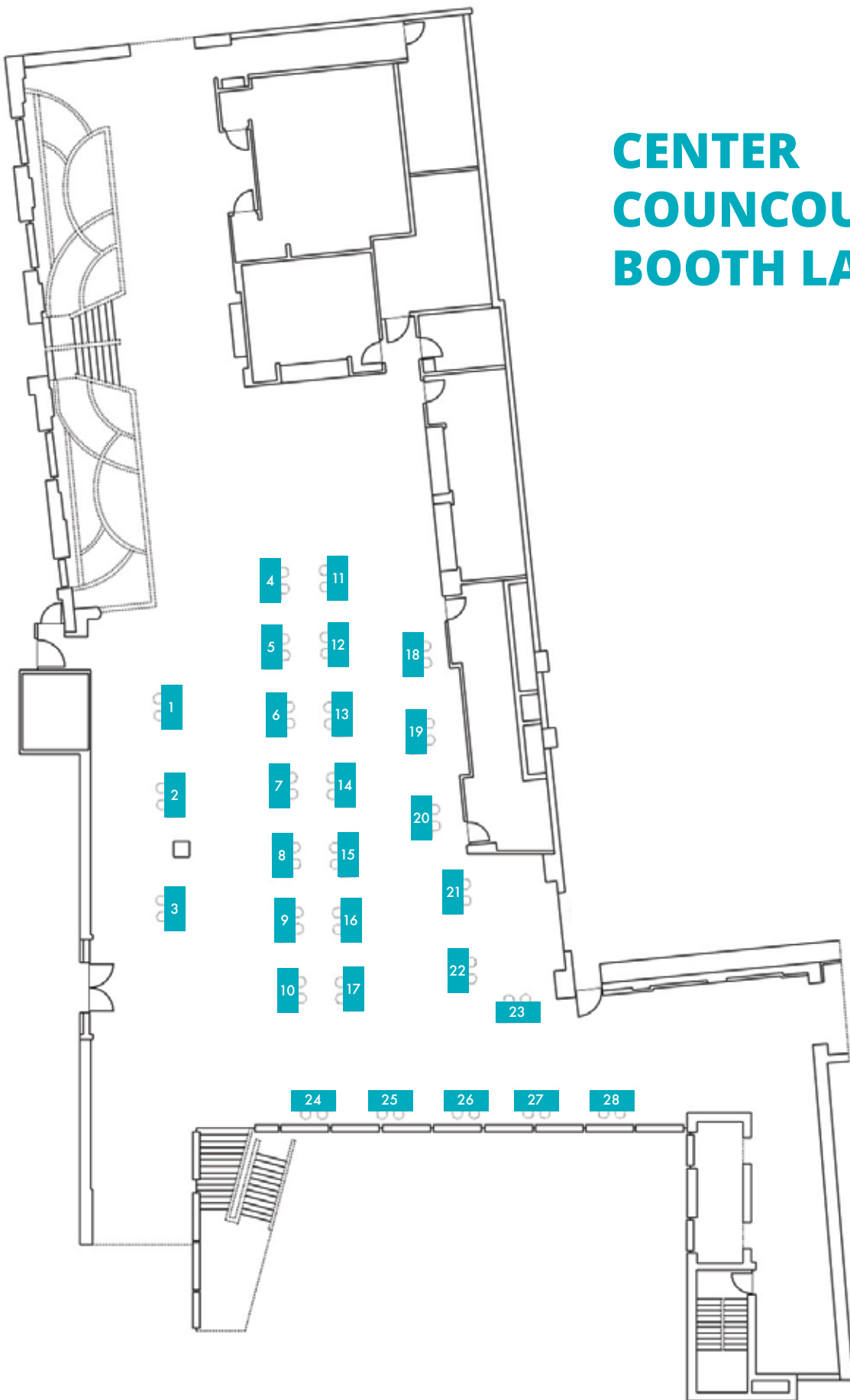
# Exhibitors

BOOTH#	EXHIBITOR
1	National Geographic Learning - Cengage
2	Advanced Technology Consultants
3	NOCTI
4	Emerge Consulting
5	Digital Leader Academy
6	Discover You
7	YouScience
8	Hastings Air Energy Control, Inc
9	United States Air Force and United States Space Force
10	VEX Robotics
11	Eastern Michigan University
12	ACT, Inc.
13	DEPCO
14	MASSP
15	Pocket Nurse
16-17	IST US
18-20	ATS Midwest
21-23	Aidex East
24	Toolkit Technologies, Inc.
25	Marine Corps Recruiting Station Lansing
26	Electude USA
27	Operating Engineers 324
28	Michigan Association for the Education of Young Children
29	NAF
30	LEO
31	Anatontage
32	Skills USA
33	Square One Education Network
34	CEV Multimedia
35	G-W Publisher
36	Ferris State University
37	Trane
38	EVERFI
39-40	Michigan Restaurant & Lodging Association

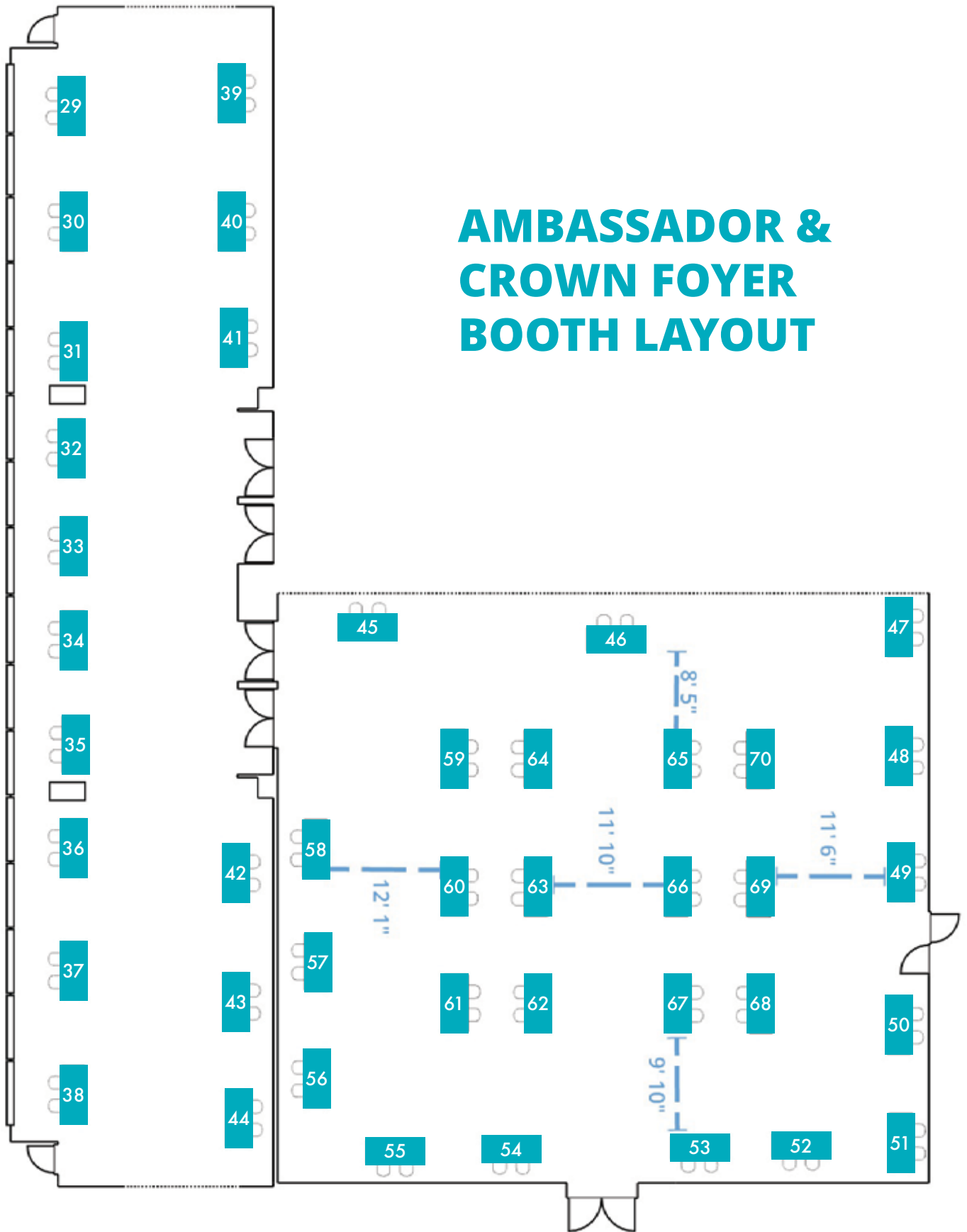
BOOTH#	EXHIBITOR
41	Library of Michigan/Midwest Collaborative for Library Services
42	GoEngineer
43	Visible Body
44	ISAIC
45	Echo Education Technologies
46	Baker College
<b>47</b>	<b>MDE-OCTE Q &amp; A</b>
48	Great Lakes Boat Building School
49	Realityworks
50	Vector Solutions
51	Certiport, a Pearson VUE business
52	CAE
53	eMoksha
54	NS4ed
55	Find Your Grind
56	Michigan Health Science Educators (MIHSE)
57	Ironworkers Local 25
58	Pathful
59	BusinessU
60	AFSA Education Foundation
61	XELLO
62	PDK/Educators Rising
63	ASE Education Foundation
64	Strive for a Safer Drive
65	Anatomy In Clay Learning System
66	Lead4Change
67	zSpace
68	ADIA Educational Resources
69	Michigan Industrial & Technology Education Society
70	Michigan Regional Council of Carpenters and Millwrights
71	Michigan College Access Network
72	Edmentum
73	MI ACTE



# CENTER COUNCOURSE BOOTH LAYOUT



# AMBASSADOR & CROWN FOYER BOOTH LAYOUT



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The Excellence in Practice Awards  
will be presented in remembrance of

*Muhammed Sadek*



Muhammed was a beloved father, husband,  
colleague, and friend. He tragically passed in  
December, but will always be remembered for  
his patience, wisdom, and kindness.

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 GRAND RAPIDS COMMUNITY COLLEGE  
 HENRY FORD COLLEGE  
 JACKSON COLLEGE  
 KALAMAZOO VALLEY COMMUNITY COLLEGE  
 KELLOGG COMMUNITY COLLEGE  
 KIRTLAND COMMUNITY COLLEGE  
 LAKE MICHIGAN COLLEGE  
 LANSING COMMUNITY COLLEGE  
 MACOMB COMMUNITY COLLEGE  
 MID MICHIGAN COLLEGE  
 MONROE COUNTY COMMUNITY COLLEGE  
 MONTCALM COMMUNITY COLLEGE  
 MOTT COMMUNITY COLLEGE  
 MUSKEGON COMMUNITY COLLEGE  
 NORTH CENTRAL MICHIGAN COLLEGE  
 NORTHWESTERN MICH COLLEGE  
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 ST. CLAIR CO COMMUNITY COLLEGE  
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 WASHTENAW COMMUNITY COLLEGE  
 WAYNE COUNTY COMMUNITY COLLEGE DISTRICT  
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A partnership between the Department of Labor and Economic Opportunity Workforce Development (LEO-WD), 28 community colleges, three public universities, and one tribal college in Michigan provides 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 postsecondary 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 accountability measures
- Improve the transition of students between secondary, community colleges, four-year institutions & the workplace.

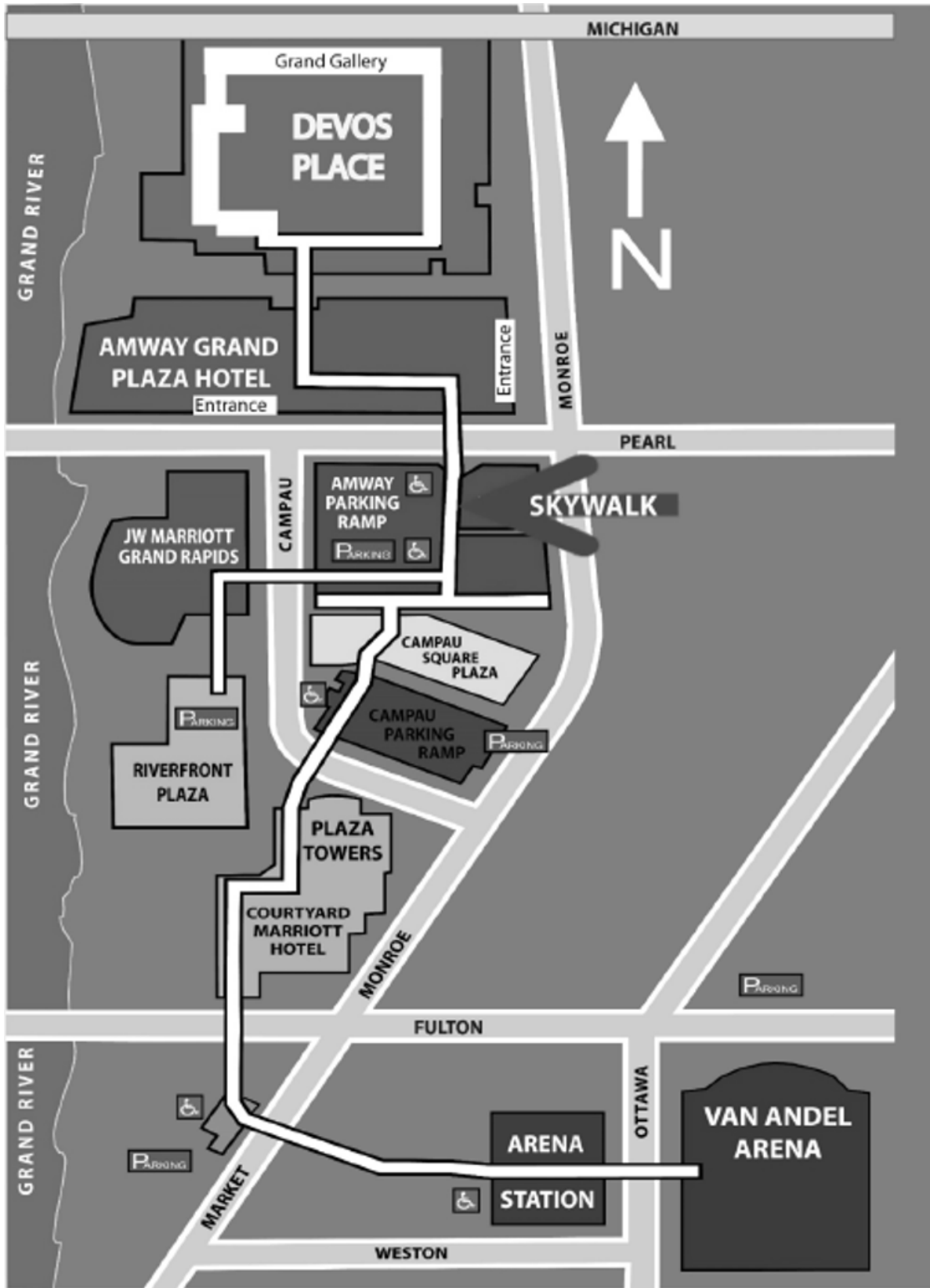
Learn more at [www.michigancc.net](http://www.michigancc.net).

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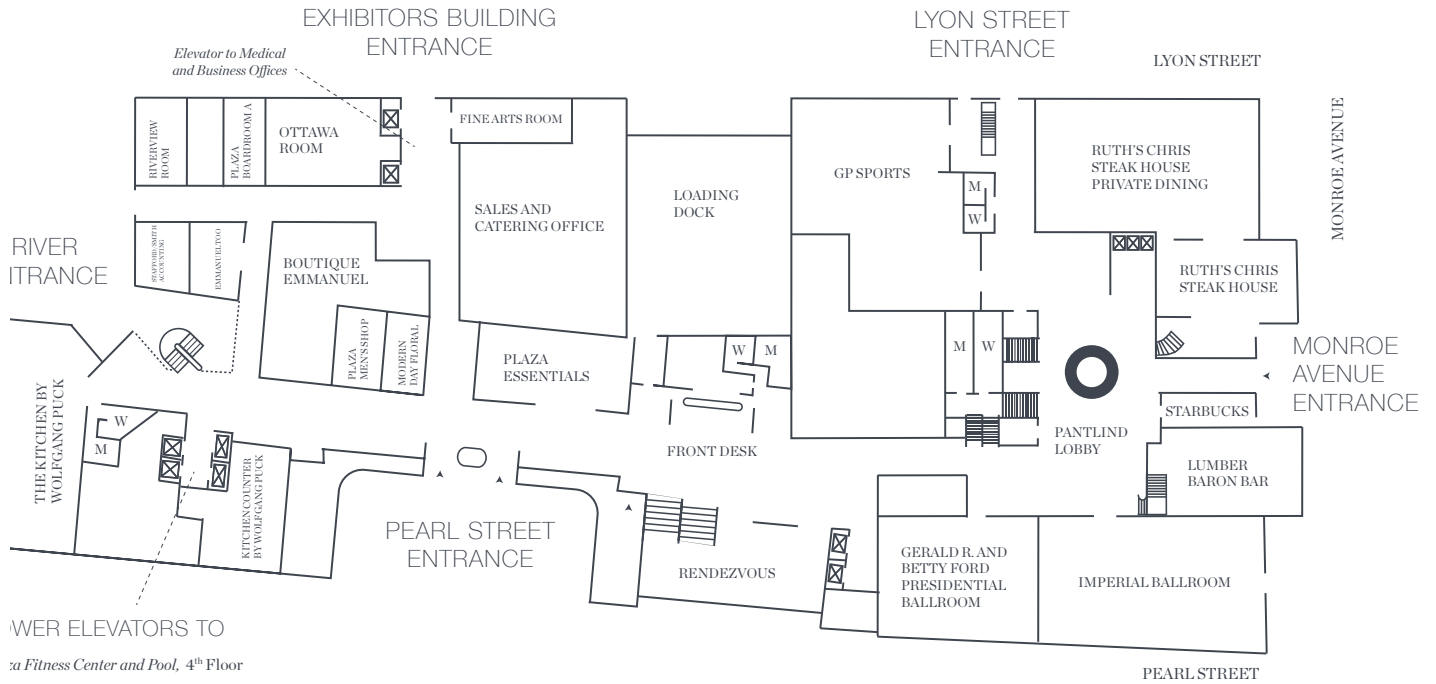


# Grand Rapids Skywalk

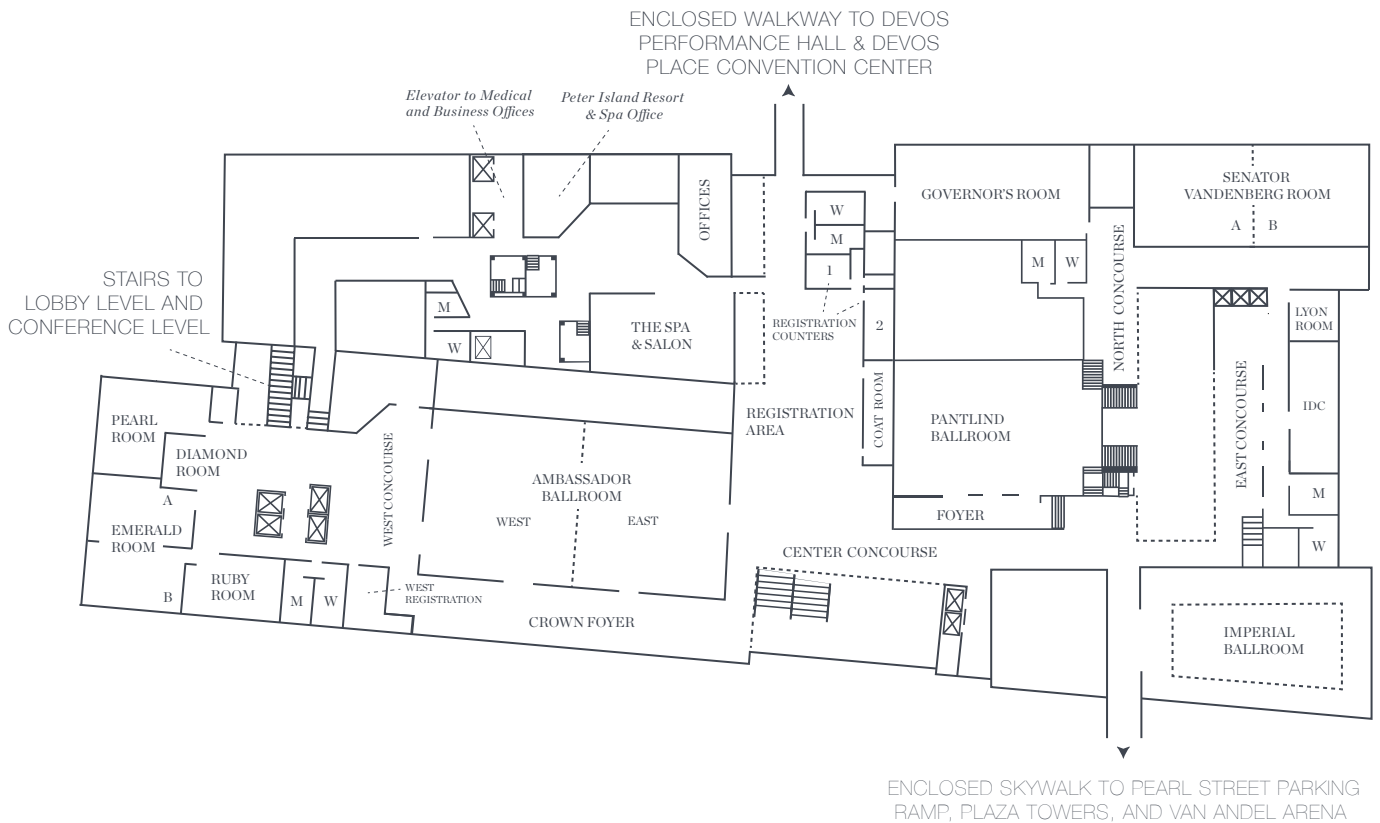


# Amway Grand Plaza Hotel Map

## LOBBY LEVEL - FIRST FLOOR

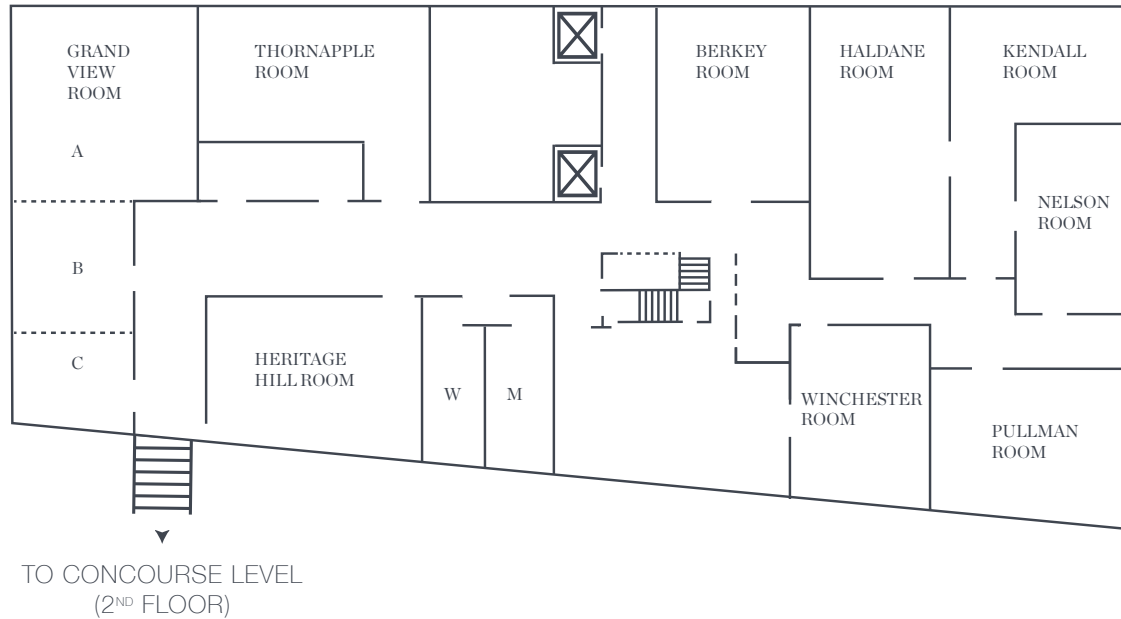


## CONCOURSE LEVEL- SECOND FLOOR



# Amway Grand Plaza Hotel Map

## CONFERENCE LEVEL THIRD FLOOR



### February is CTE Month!

**Spread the word and share this event:  
The Value of CTE to Employers.**

Please join business and education leaders on February 22, 2023, from 10:00 a.m. to 11:15 a.m. to learn about the tremendous value of Career and Technical Education (CTE) for employers!

**Use the QR Code to register (ZOOM)!**

This event will add to numerous CTE Month® celebrations taking place at schools and communities across Michigan – and the nation – to highlight the achievements and accomplishments of CTE students and programs.



**CELEBRATE TODAY,  
OWN TOMORROW!**







# Notes

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Co-sponsorship of a conference by the Michigan Department of Education assumes the active participation of Department of Education staff in planning and development of the agenda. No person shall be denied the opportunity to participate on the basis of race, color, religion, national origin or ancestry, age, sex, gender, height, weight, marital status, or disability. The conference facility must meet federal and state accessibility standards. Commercial products or services displayed or presented as a part of the conference are not considered endorsed by the State Board of Education and the Michigan Department of Education.

