



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF EDUCATION
LANSING

MICHAEL P. FLANAGAN
SUPERINTENDENT OF
PUBLIC INSTRUCTION

Welcome



Dear Conference Participant:

On behalf of the Michigan Department of Education, Office of Career and Technical Education and the Conference Planning Committee, welcome to the 2012 Michigan Career Education Conference.

The conference theme, *CTE: Learning that works for America*, reflects the important roles of career and technical education in preparing students for their future. Career and Technical Education (CTE) is helping our nation meet the very real and immediate challenges of student achievement, career and college readiness and global competitiveness. Early career preparation, including career exploration, career assessments, and comprehensive guidance and counseling, provide opportunities for students to begin thinking about the world of work. Through rigorous academic and technical preparation, relevant learning opportunities, and the supportive relationships of educators and families, students are better positioned to steer toward college and careers.

A warm welcome is extended to our featured speakers, Dr. Adolph Brown, Brian Mull and Paula Cunningham. We look forward to hearing their words of wisdom and the insights they will share with us.

Congratulations to the **Excellence in Practice Award** winners for their outstanding career initiatives and career and technical education programs. These exemplary programs are “best practices” in exposing students to careers and preparing our students for careers that align and articulate with postsecondary education, professional and technical careers, and future employment.

Please take advantage of the speakers, breakout sessions, and exhibits to share ideas, network, and learn from each other.

Best wishes for a rewarding professional development experience. Enjoy the conference!

Cordially,

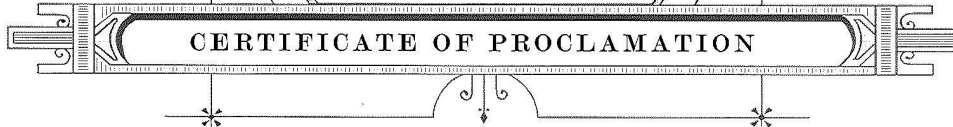
Patty Cantú, Director
Office of Career and Technical Education

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STATE OF MICHIGAN



ON BEHALF OF THE PEOPLE OF MICHIGAN
I, Rick Snyder, Governor of Michigan, do hereby proclaim February 2012 as

CAREER AND TECHNICAL EDUCATION MONTH

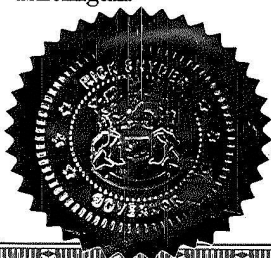
WHEREAS, career and technical education is a valuable training opportunity offered in most middle schools, high schools, area career and technical centers, community and technical colleges and other post-secondary institutions throughout Michigan; and,

WHEREAS, career and technical education provides students with leadership opportunities in various fields, and allows them to experience practical and meaningful application of basic reading, writing and mathematical skills; and,

WHEREAS, career and technical education serves as a "school-to-careers" connection and is the backbone of a strong and well-educated workforce; and,

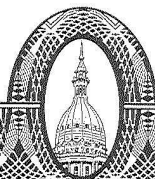
WHEREAS, during this month, we join with the Michigan Department of Education and the Association for Career and Technical Education to encourage both youth and adults in Michigan to learn more about career and technical education, and to recognize the significance of career and technical education to ensuring Michigan students are college- and career-ready;

NOW, THEREFORE, I, Rick Snyder, governor of Michigan, do hereby proclaim February 2012 as Career and Technical Education Month in Michigan.

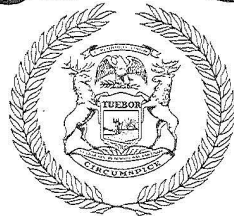


Rick Snyder

Rick Snyder
Governor



STATE OF MICHIGAN



CERTIFICATE OF PROCLAMATION

ON BEHALF OF THE PEOPLE OF MICHIGAN
I, Rick Snyder, Governor of Michigan, do hereby proclaim
February 18 through February 25, 2012 as

ENTREPRENEURSHIP WEEK

WHEREAS, more than 70 percent of young Americans envision starting a business or doing something entrepreneurial as adults; and,

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

WHEREAS, entrepreneurship encourages job creation and is a vital part of Michigan's reinvention and continued growth; 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;

NOW, THEREFORE, I, Rick Snyder, governor of Michigan, do hereby proclaim Saturday, February 18 through Saturday, February 25, 2012 as Entrepreneurship Week in Michigan.



A handwritten signature of Rick Snyder in cursive.

Rick Snyder
Governor

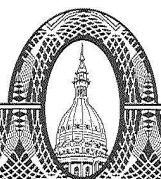


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This program is accurate as of press time. Please check the message board and/or addendum for program updates and announcements.

Session seating is filled on a first-serve basis. Please select one or two alternate sessions in each time slot in the event that your first choice session is full. For the safety of all attendees, we must observe maximum capacity regulations.

General Information

Badges

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

Color Guard

The color guard is provided by the Cass Tech Color Guard Battalion. They are commanded by Colonel George Pettigrew, Instructor.

SB-CEUs or Graduate Credits

Conference participants may earn State Board Continuing Education Units or graduate credits. To be eligible for SB-CEUs, attendees must complete the SB-CEU application and pay a \$20.00 application fee. Applications are available at the SB-CEU registration desk. **To receive SB-CEUs, you must attend a minimum of five hours of eligible sessions and receive appropriate documentation at each session.** There is an option to earn either 1 or 3 graduate credits from Ferris State University in ECTE 694. Please visit the registration desk for more information.

Evaluations

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

Exhibit Hours

Exhibitors are located in the Renaissance Foyer outside of the Renaissance Ballroom. Exhibiting hours will be as follows:

Monday	Tuesday
7:30 a.m. - 5:00 p.m.	7:00 a.m. - 11:30 a.m. (Optional for Vendors)

Information Table

Stop by the Registration Desk in the Renaissance Foyer, Level 4, to find information about great places to go and things to see while you are in Detroit. Information regarding restaurants, cultural events, entertainment, etc. will be available.

Internet Access

Wireless Internet access is available for \$12.95 in all guest rooms. Guests may enjoy free wireless in the GM Wintergarden and on the Riverfront Plaza.

Lost and Found

Please stop by the Conference Registration Desk for lost and found items.

Message Board

A message board will be available at the Conference Registration Desk.

Registration/Information Hours

The Conference Registration Desk is located in the Renaissance Foyer, on Level 4, and will be open as scheduled below:

Sunday	Monday	Tuesday
6:00 p.m. - 8:00 p.m.	7:30 a.m. - 5:00 p.m.	7:00 a.m. - 1:30 p.m.

Marriott and Renaissance Center Information

About the Renaissance Center

Rising 73 stories above the Detroit River, the GM Renaissance Center dominates the downtown Detroit skyline. The Renaissance Center is 5.5 million square feet in size, has seven towers, dozens of stores and services, four movie theaters, a financial center, two foreign consulates, a fitness center, a 1,300 room Marriott hotel, four of the city's hottest restaurants, and an 1,100 seat food court. The Renaissance Center is about business too. General Motors' global headquarters has 5,000 employees, as well as over 4,000 additional people who work in the Center with tenant companies, retailers, restaurants, and professional service organizations.

About Detroit

Downtown Detroit has experienced an amazing renaissance in recent years with its new 3.5 mile RiverWalk; great restaurants, bars and clubs; theaters and concerts; exciting 24-hour casinos; year-round festivals and events; and three professional sports teams.

Getting Around

The Detroit People Mover is an above-ground transit system that loops around nearly 3 miles in Downtown Detroit. The GM Renaissance Center People Mover Station is located in Tower 200, Level 2. The People Mover runs on Sunday from Noon to Midnight and on Monday through Thursday from 6:30 a.m. to Midnight. The fare is \$0.75 per ride paid in cash or tokens. The Detroit People Mover now runs in a clockwise direction for the first time in its history. Riders can travel from the GM Renaissance Center to Cobo or the Joe Louis Arena in less than half the time. A map of the transportation route is available at the Registration Desk.

Shopping and Dining

Visitors can find an eclectic mix of specialty shops, services, and dining options in and around the Renaissance Center. Pick up souvenirs and gifts at Pure Detroit, located in Tower 400, Level 1, which features select boutique items along with Pure Detroit brand apparel, books, photographs, and gifts. A visit to the Renaissance Center isn't complete without dining at Andiamo Detroit Riverfront, a beautiful and romantic dining experience featuring an authentic Italian menu located in the GM Wintergarden, or Coach Insignia, an eclectic chophouse with the honor of being the United States' second highest restaurant located at the top of the GM Renaissance Center. A variety of other eateries catering to a variety of tastes are located in the Level A Food Court. The Detroit People Mover offers access to shopping and dining outside of the Renaissance Center, as well.

Tour the Renaissance Center

A free, one-hour tour takes visitors through the landmark GM Renaissance Center and outlines the rich history that General Motors shares with the city of Detroit. The complimentary public tours are offered twice daily, Monday-Friday at Noon and 2:00 p.m. on a first-come basis. Registration and tours begin at the PURE DETROIT store located in Tower 400 on Level 1. Tour highlights include: GM Wintergarden tropical atrium, GM showroom with vintage, new model, and concept cars, and a glass elevator ride to the 72nd floor of the Detroit Marriott Hotel for a breathtaking view of the Detroit and Windsor skylines.

Conference Sponsors

Thank You To Our Sponsors!

The Office of Career and Technical Education, Michigan Department of Education, would like to thank the sponsors who have helped to make this event possible. If you would like to become a sponsor for upcoming conferences, please call Ferris State University, Conference and Professional Services, at 231.591.2340 or 800.562.9130 or email caps@ferris.edu.

Silver Sponsor

Michigan Association for Career and Technical Education (MIACTE)

(See pages 35 and 36 for full association details)



Bronze Sponsor

Michigan Institution of Aviation and Technology (MIAT)



Excellence in Practice Awards

The Career and Technical Education Program Excellence in Practice Award recognizes successful, exemplary state-approved Career and Technical Education (CTE) programs that demonstrate outstanding outcomes, produce measurable results, and lead to documented success in employment or postsecondary education/training.

2012 Career and Technical Education Program Excellence in Practice Awards:

Lenawee Intermediate School District TECH Center *Nursing Preparation*

This program connects this high school CTE program to dual enrollment and articulated credits. 94% of the completers in this program pursue postsecondary enrollment in health-related fields of study. In the past three years, students in this program have been awarded a total of \$625,000 in scholarships, grants, and academic awards to attend college.

The program's objective is to provide rigorous instruction to help high school seniors build a strong academic foundation in order to meet the challenging nursing school entry requirements. Students obtain core academic credits in science, math, English and on-line learning through their program. As a stepping stone, all students have the opportunity to complete the State of Michigan Certified Nursing Assistant certification program.

Students in this program are provided lessons in Spanish for health care professionals by a certified Spanish teacher to increase their communication skills with patients. Students are also enrolled in Body Structure and Function and Medical Terminology, both leading to college credits at Jackson Community College. An important aspect of the program is the Path to Scholarship®, supporting all students through the application process for college admissions and scholarships. 100% of Nursing Preparation students have been accepted at one or more colleges or universities.

The William D. Ford Career-Technical Center, Wayne-Westland Schools *Partnership in Construction Technology*

This Program is an outstanding example of a School/Community/Local Business/CTE collaboration to provide the opportunity for students to develop Construction Trades skills while providing service to the community. The slow housing market and decline in new home building required that the program become creative, as they did not have the resources to continue to build homes that could not be sold. This led them to a partnership with the City of Westland.

The Neighborhood Stabilization Program was established by the City of Westland to combat the issue of abandoned and foreclosed homes in Westland. The City buys foreclosed and vacant homes, and demolishes and rebuilds or rehabilitates these properties. Through this collaboration the students in the program are part of an on-site build from foundation to finish.

Through the Neighborhood Stabilization Program, the vacant land or homes for rehabilitation are provided to the school, along with funding for the project. Students have the opportunity to work alongside skilled tradesmen on these projects. They are responsible for every detail in the construction of the home, are trained as estimators and work in every trade used to build or remodel a home. Each project culminates in an open house celebrated in the local media, which also showcases the student work, and the keys are turned over to the City to help someone own their own home for the first time.

Neighborhoods are continuously being improved with this winning combination of the schools and city working together. These homes include green building practices, and are energy star certified. Additional features and/or quality materials can be utilized due to the lower costs provided through student participation in the projects. This collaboration has proved to be a Win/Win/Win for the district, the city, and the students. The students also may receive academic credit for Algebra II and 4th Math which is embedded in the curriculum, and may also earn articulated college credits at Ferris State University, Henry Ford Community College, Washtenaw Community College or Davenport University through this program.

Excellence in Practice Awards

The Career and College Readiness Initiative Excellence in Practice Award recognizes outstanding practices, programs, or services that demonstrate exemplary support of career/college planning for students (including interests and abilities), promotion of high academic expectations, and linking secondary courses (including CTE) to preparation for postsecondary education and careers.

2012 Career and College Readiness Initiative Excellence in Practice Awards:

Wexford-Missaukee Career Technical Center

Getting Prepared for CTE: Wexford-Missaukee CTC partners with Grades 2-9 ISD –wide

This initiative is a school-wide program committed to increasing awareness of and support for Career and Technical Education. Each CTC instructor facilitates the career exploration process by hosting a lesson in their lab for elementary students that is tied to their math and/or science Grade Level Competency Expectations (GLCE). At each grade level, activities are facilitated by the secondary CTC students, who oversee the experiments and activities during the elementary visits.

Another component of the program brings CTC into the elementary classroom through the use of the “Robo Table”, an automated system of robotic arms, which provides the opportunity for students to program and operate the arms as a hands-on way to teach math concepts. 5th grade teachers are trained by CTC staff in the use of the Robo Table to teach students about angles, degrees, and pivot points, as well as teamwork and the importance of accuracy. During the 6 weeks the robo table is in each elementary classroom, CTC staff provides technical and curriculum support to the teacher. The elementary students are excited to learn math and computer programming during this activity.

By involving elementary students in CTC, the center is giving these young learners the opportunity to investigate a variety of careers and an understanding of the importance of learning math and science, critical academic skills for success in post-secondary education and their futures. Wexford-Missaukee CTC is touching the lives and minds of young students, throughout the ISD with their “hands-on” career exploration program.

Coloma Community Schools

Collaborative Partnership between EMIT, Art and Service Learning

Engineering, Manufacturing and Industrial Technology Departments (EMIT) collaborated with the Art and Business Departments at Coloma High School, to develop a unique community service initiative. Since 2009, true scale dinosaurs and all types of large insect sculptures have been strategically placed throughout Coloma at local businesses and tourist attractions. These pieces of community art have brought attention to the students and the programs.

Students have the opportunity to apply the knowledge and skills they are developing by collaborating on a specific sculpture, including the design and creation of working movable components. These sculpture teams include students from Business, Art, Machine Tool, and Drafting programs with participation from Lake Michigan College faculty. This interdisciplinary project provides a venue for applied academic skills, “real world” production, an important link to postsecondary education, and a sense of community pride.

Local businesses displayed the sculptures which were then purchased for display in a park to attract tourists. The proceeds from the sale were donated to the Sarrett Nature Center, which held a community celebration that also increased awareness of CTE programs. In 2010, the nature center built a butterfly house, and the CTE collaborative designed and built a butterfly sculpture to display in front of the Butterfly House.

Through these projects, the students utilize academic, workplace, technical and “soft” skills; develop a sense of community involvement and pride as a craftsperson; increase awareness of and interest in CTE programs; develop a positive relationship with postsecondary programs, while creating excitement about community art.

Acknowledgements

The Office of Career and Technical Education, Michigan Department of Education (MDE), would like to thank the planning committee, technical assistance staff, presenters, and hosts 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.

2012 Conference Planning Committee

Program Chair

Joanne Mahony, Supervisor, Office of Career and Technical Education, MDE

Committee Members

Clifford Akujobi, Education Consultant Manager, Office of Adult Education, Workforce Development Agency

Brenda Belcher, Director, Crockett Career and Technical Center

Halyna Bialczyk, Regional CTE Administrator, Wayne RESA

Sherry Bradish, Director, Tech Prep & STC Programs, Mott Community College

Cynthia Candela, Job Placement Coordinator, Wayne-Westland Community Schools

Patty Cantú, Director, Office of Career and Technical Education, MDE

Toni Glasscoe, Director, Career Preparation and K-12 Education, Lansing Community College

Cathy Green, Tech Prep Coordinator, Grand Rapids Community College

Dave Jackson, Apprenticeship Representative, Office of Apprenticeship, United States Department of Labor

Debbie Lonik, Financial Specialist, Office of Career and Technical Education, MDE

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Christine Reiff, Education Consultant, Office of Career and Technical Education, MDE

Gretchen Spedowske, CTE Career and College Readiness Consultant, Char-Em ISD

Deedee Stakley, Transfer Services Director, Ferris State University

James Taylor, Dean of Health and Public Services, Kalamazoo Valley Community College

Norma Tims, Consultant, Office of Career and Technical Education, MDE

Conference Facilitators - Ferris State University

Cheryl Cluchey, Assistant Dean, College of Professional and Technological Studies

Alicia Freye, Project Coordinator, Conference and Professional Services

Denise Moulter, Administrative Secretary to the Dean, College of Professional and Technological Studies

Susan Weaver, Project Assistant, Conference and Professional Services

Jessica Walsh, Clerical Assistant, Conference and Professional Services

SUPERBOWL XLVI



PARTY

Added Conference Feature!

Join us at **6:00 p.m.** on Sunday, February 5
in the Detroit Marriott at the Renaissance Center's
restaurant, 42° North, for good food and fun!

Run, pass, score!

Commercials, halftime, and more!

New York Giants VS New England Patriots

Conference Badge Required For Entry - Family Members Welcome - No Additional Cost Required

2011 Conference Top 20 Sessions

The following sessions received the highest evaluations from the 2011 Career Education Conference.
Thank you to our 2011 presenters.

Digital Teaching in 2011	<ul style="list-style-type: none"> Corinne Hoisington, Professor, Central Virginia Community College
Ready to Roll to Office 2010	<ul style="list-style-type: none"> Corinne Hoisington, Professor, Central Virginia Community College
Games, Fun, & Computer Science	<ul style="list-style-type: none"> JC Irvine, Instructor, Wayne-Westland Schools
Programs of Study: Determine Your Destiny By Choice NOT Chance	<ul style="list-style-type: none"> Jenny Griffith, Oakland Community College Tech Prep CIS Secondary Liaison, Walled Lake Consolidated School District (CTE Coordinator) Deb LaMothe, Curriculum, Instruction and Assessment Coordinator, Oakland Schools ISD
CTE Teacher Evaluation	<ul style="list-style-type: none"> Mike Hoffner, Director, Branch Area Careers Center
Interactive Life Planning For Students	<ul style="list-style-type: none"> Tracy Miller, myDreamExplorer Consultant, Greater Than One Services Karen Owen, Customer Support, Michigan Virtual University
Design, Produce, and Market REAL Products - Collaborate For Student Success	<ul style="list-style-type: none"> Randy Tower, Instructor, Newaygo County Career-Tech Center Kirk Wyers, Director of Career and Technical Educational Services, Newaygo County RESA Kyle Morrison, Career Placement Coordinator, Newaygo County Career-Tech Center Allen Wilson, Counselor, SCORE
Clash, Bang, Boom! A Collaborative Approach To Academic Integration	<ul style="list-style-type: none"> Janie Lesinski, English Language Arts Instructor, Traverse Bay ISD Career-Tech Center Julie Gathier, Business Instructor, Traverse Bay Area ISD Career-Tech Center Donna Valdmanis, Early Childhood Instructor, Traverse Bay Area ISD Career-Tech Center Tom Lennox, Public Safety Instructor, Traverse Bay Area ISD Career-Tech Center Bruce Provencher, Web Programming & Design Instructor, Traverse Bay Area ISD Career-Tech Center
Meeting The Educational Needs Of Unaccompanied Homeless Youth	<ul style="list-style-type: none"> Pam Kies-Lowe, State Coordinator for Homeless Education/Homeless Education Consultant, MDE H.E. Buzz Calvert, Career Education/Homeless Education Grant Coordinator, Berrien RESA
Business Management and Administration Program Assessments	<ul style="list-style-type: none"> Norma R. Tims, Consultant, Office of Career and Technical Education, MDE
Character Counts	<ul style="list-style-type: none"> Rafael Diaz, Public Safety Officer, Kalamazoo Department of Public Safety/Kalamazoo RESA

<p>A Successful Student Services Delivery Model</p>	<ul style="list-style-type: none"> • MaryEllen Brocklehurst, Student Services Coordinator, Eaton ISD Career Prep Center • Marina McCullen, Student Services Coordinator, Eaton ISD Career Prep Center • Cathie Ott, Student Services Coordinator, Eaton ISD Career Prep Center
<p>Goin' Mobile</p>	<ul style="list-style-type: none"> • Joel Milinsky, MI Learning-Workforce and Career Development on iTunes U, MACUL
<p>New Online Support For Academic And CTE Integration</p>	<ul style="list-style-type: none"> • Mike Ennis, Associate Professor, Ferris State University • Randy Showerman, Agriscience & Natural Resources Consultant, Office of Career and Technical Education, MDE
<p>Motivation Matters</p>	<ul style="list-style-type: none"> • Katherine Manley, Professor and Director of the Michigan Center for CTE, Ferris State University
<p>Preparing Your Students For Careers In Energy</p>	<ul style="list-style-type: none"> • Amy Kienast Linderman, National Director of Business Relations, Michigan Institute of Aviation and Technology
<p>Technical Standards Review and Revision Process - When, How, and Why</p>	<ul style="list-style-type: none"> • Katherine Manley, Professor and Director of the Michigan Center for CTE, Ferris State University • Jan Vogel, Special Projects Coordinator, Office of Career and Technical Education , MDE • Glenna Zollinger-Russell, Supervisor, Career Planning and Education Unit, Office of Career and Technical Education, MDE
<p>Round Table Discussion: Encouraging Secondary Students To Take Advantage of Articulated Credit Opportunities</p>	<ul style="list-style-type: none"> • Leslie Kellogg, Coordinator, Henry Ford Community College • Carole Jones, Secondary Articulation Manager, Henry Ford Community College • Halyna Bialczyk, CTE Consultant and CEPD 42 CTE Regional Administrator, Wayne RESA
<p>When The BioMass Hits The Wind Turbine</p>	<ul style="list-style-type: none"> • Jay Warmke, Owner, Blue Rock Station
<p>Teaching Students To Bring Their A Game To Work</p>	<ul style="list-style-type: none"> • Eric Chester, Founder & President, Generation Why



Conference at a Glance

Sunday, February 5, 2012

6:00 p.m. - 8:00 p.m. Registration/Information/Exhibits Open - Renaissance Foyer

Monday, February 6, 2012

7:30 a.m. - 5:00 p.m. Registration/Information - Renaissance Foyer

7:30 a.m. - 5:00 p.m. Exhibits Open - Renaissance Foyer

7:30 a.m. - 8:45 a.m. Continental Breakfast - Renaissance Foyer

9:00 a.m. - 10:30 a.m. Opening Session, EIP Awards, and
Featured Speaker, **Dr. Adolph Brown, III** - Renaissance Ballroom

10:30 a.m. - 11:00 a.m. Networking Break - Renaissance Foyer

11:00 a.m. - 12:00 p.m. **Breakout Session A**

12:00 p.m. - 1:30 p.m. Lunch, Featured Speaker, **Brian Mull** - Renaissance Ballroom

1:30 p.m. - 1:45 p.m. Networking Break - Renaissance Foyer

1:45 p.m. - 2:45 p.m. **Breakout Session B**

2:45 p.m. - 3:00 p.m. Networking Break - Renaissance Foyer

3:00 p.m. - 4:00 p.m. **Breakout Session C**

4:00 p.m. - 5:00 p.m. Networking Reception - Renaissance Foyer

Tuesday, February 7, 2012

7:00 a.m. - 1:30 p.m. Registration/Information - Renaissance Foyer

7:00 a.m. - 11:30 a.m. Exhibits Open - Renaissance Foyer

7:00 a.m. - 8:00 a.m. Breakfast Buffet - Renaissance Ballroom

8:00 a.m. - 9:00 a.m. **Breakout Session D**

9:00 a.m. - 9:15 a.m. Networking Break - Renaissance Foyer

9:15 a.m. - 10:15 a.m. **Breakout Session E**

10:15 a.m. - 10:30 a.m. Networking Break - Renaissance Foyer

10:30 a.m. - 11:30 a.m. **Breakout Session F**

11:30 a.m. - 1:15 p.m. Lunch, Awards Ceremony, Door Prizes
Featured Speaker, **Paula Cunningham** - Renaissance Ballroom

Personal Schedule

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

Monday, February 6, 2012

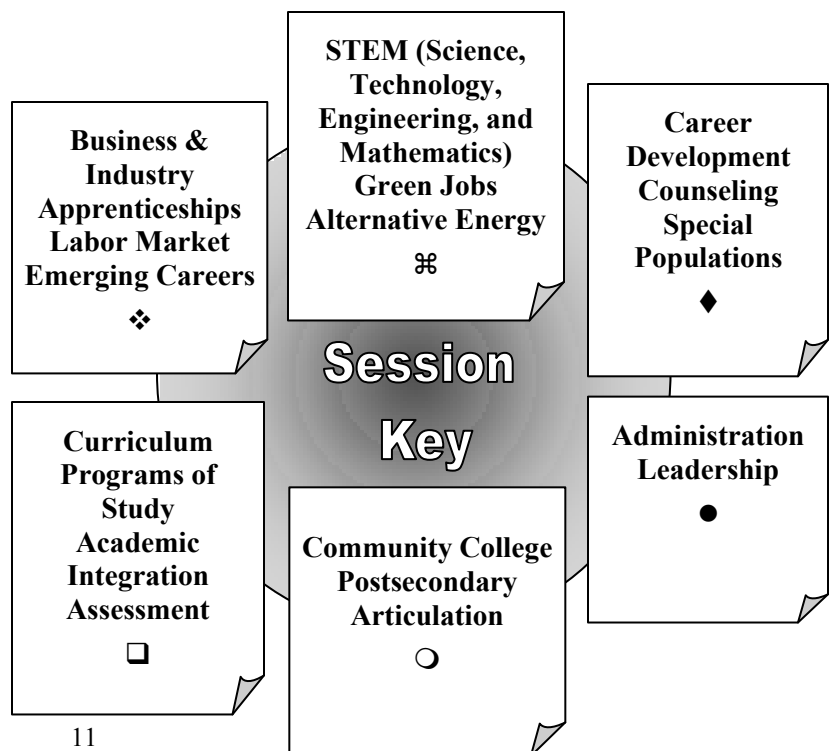
Time/Session	Selection 1	Location	Selection 2	Location
11:00 a.m. - 12:00 p.m. Session A				
1:45 p.m. - 2:45 p.m. Session B				
3:00 p.m. - 4:00 p.m. Session C				

Tuesday, February 7, 2012

Time/Session	Selection 1	Location	Selection 2	Location
8:00 a.m. - 9:00 a.m. Session D				
9:15 a.m. - 10:15 a.m. Session E				
10:30 a.m. - 11:30 a.m. Session F				

Presentation Key

Each presentation has been assigned to a category that best represents its content and subject matter. Use the key on the right to find presentations that relate to the different subjects outlined. You will find these symbols on the left hand side of the presentation descriptions. A “V” indicates this is a vendor supported session.



Sessions at a Glance - Monday

Key	Presentation Title	Room	Page
Monday 11:00 a.m. - 12:00 p.m. Session A			
◆	Enhancing Career Education with No-Cost Instructional Resources	Cabot	17
○	Articulating the Power of Partnership: How Dual Enrollment and Direct Credit ...	Cadillac A	17
⌘	Girls Can Fix Airplanes Too!	Cartier	17
□	Assess for Success: Getting the Most Out of Your Assessment Program	Duluth A/B	17
○	Is There an App for That?	Joliet A/B	17
●	The Connection Between Learning Styles and Learning Personality: The Implications ...	LaSalle A	17
◆	Online Career Exploration Course and its Development	LaSalle B	18
◆	Connecting Academics and EDP/Career Programs	Mackinac E	18
◆	Ypsilanti Positive Success Initiative	Mackinac W	18
●	Reaching Out to Support CTE Instructors: Pro-Mot-Ed	Marquette A	18
◆	MCPA: The Source for Placing Students in a Safe and Effective Learning Environment	Marquette B	18
❖	Preparing Students for High Wage, High Skill, and High Demand Leadership and ...	Nicolet A	18
●	Partnerships in Performance: Teacher Evaluation in Practice, Performance and ...	Nicolet B	18
⌘	Beyond the Classroom...Stem Collaboratives with Industry	Richard A	19
Monday 1:45 p.m. - 2:45 p.m. Session B			
❖	Finding A Way in Tough Economic Times: Creating Partnerships to Share Resources	Brule A/B	19
□	Michigan's Program of Study Development Process - Culinary Arts	Cabot	20
⌘	Preparing Students for Green Jobs in Alternative Energy	Cadillac A	20
●	Twenty Things You Can Do RIGHT NOW To Make Your Classroom Better!	Cadillac B	20
❖	Are Your Students Ready for Prime Time Technical Jobs?	Duluth A/B	20
●	Navigating NAVIGATOR	Joliet A/B	20
●	How To Move From Annual Authorization to Interim Occupational Certification	LaSalle A	20
◆	Life Skills Planning	LaSalle B	20
◆	CTE and The Dropout Challenge	Mackinac E	21
❖	Robots and Sensors and Jobs, Oh My! Implementing a Successful Mechatronics Program	Mackinac W	21
□	What's New Online to Support CTE	Marquette A	21
◆	The Undefined Job Market: Understanding Work Opportunities in Today's Economy	Marquette B	21
◆	Beyond the Brochure: Proven Strategies to Improve Your Nontraditional Core ...	Nicolet A	21
□	The Right Way to Invest and Why We Never Do	Nicolet B	21
⌘	Ah, The Mistakes That We Will Make: Training the Green Generation	Richard A	21
□	Developing Collaborative Partnerships Between CTE, Art and Service Learning	Richard B	22

Sessions at a Glance - Monday

Key	Presentation Title	Room	Page
Monday	3:00 p.m. - 4:00 p.m.	Session C	
☐	Goin' Mobile	Brule A/B	22
☐	Getting Them Ready - Strategies for Career Preparation	Cabot	22
●	No More Gimmicks! Learn the Real Path to Solving Classroom Discipline Issues	Cadillac A	22
❖	Marketing a CTE Program	Cadillac B	22
☐	Finding Meaning in the Masses: Maximizing your Professional Learning ...	Cartier	22
◆	Digitally Created Training Agreements & Plans	Duluth A/B	22
☐	College Planning and Preparation for Medical Careers: How We Help Students Get Ready	Joliet A/B	23
●	The Professional Development Needs of the Annually Authorized Teacher	LaSalle A	23
☐	Improving Science Skills Through CTE Curriculum	LaSalle B	23
◆	WoW	Mackinac E	23
◆	Educating Pharmacy Technicians	Mackinac W	23
☐	Program Rotations: Benefits and Challenges	Marquette A	23
◆	Student Success in a Global Economy	Marquette B	23
☐	Education Careers (13.0000) Program Assessment	Nicolet A	24
☐	Flipping the Classroom	Nicolet B	24
⌘	The Making of Energy: Green Energy and Fabrication Academy	Richard A	24
◆	Michigan Electronic Grants System Plus (MEGS+) Overview	Richard B	24



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Sessions at a Glance - Tuesday

Key	Presentation Title	Room	Page
Tuesday	8:00 a.m. – 9:00 a.m.	Session D	
<input type="checkbox"/>	Using SMART Goal to Incorporate Reading and Math in CTE Curriculum	Brule A/B	25
<input type="checkbox"/>	Learning Lenses - SEA the Possibilities for Dynamic Career Education	Cabot	25
●	Community Conversation: The Future of Education in Michigan	Cadillac A	25
●	The Qualities of the 21st Century CTE Teacher	Cadillac B	25
<input type="checkbox"/>	Critical Thinking on the Web	Cartier	25
<input type="checkbox"/>	Career Cluster Implementation with Multimedia Curriculum	Duluth A/B	25
●	Get Connected	LaSalle A	26
●	Michigan's Statewide CPI Trends Across Selected Career Clusters	LaSalle B	26
◆	Failure is not an Option!	Mackinac E	26
<input type="checkbox"/>	America's Marketing High School	Mackinac W	26
<input type="checkbox"/>	Teach Computer Programming for Mobile App and Game Development	Marquette A	26
◆	College and Career Ready: It's Simple When You Give Them What They Need	Marquette B	26
◆	Civil Rights Obligations of Local Agencies	Nicolet A	26
<input type="checkbox"/>	Three Ways to Take Algebra II and Still Enroll in Career-Tech	Nicolet B	27
⌘	Exploring the Natural Resources and Agriscience Career Pathway	Richard A	27
◆	Life and Work After High School: CTE Can Help Chart the Path	Richard B	27



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Sessions at a Glance - Tuesday

Key	Presentation Title	Room	Page
Tuesday 9:15 a.m. - 10:15 a.m. Session E			
◆	Career Pathways Through Industry Recognized Credentials	Brule A/B	27
□	Building Understanding Into Our Curriculum	Cabot	27
●	Community Conversation: The Future of Education in Michigan	Cadillac A	27
○	Slice and Dice: Using Existing Data to Answer Novel Questions About Student Outcomes	Cadillac B	28
□	Finding Meaning in the Masses: Maximizing your Professional Learning ...	Cartier	28
□	Online Content to Motivate Students	Duluth A/B	28
●	Partnerships in Performance: Teacher Evaluation in Practice, Performance and ...	Joliet A/B	28
□	Engaging Students in a Real World Experience Operating a Virtual Business	LaSalle A	28
□	What Works in CTE Today?	LaSalle B	28
◆	Elementary Partnerships: Use Your CTC to Offer Eye-Opening Educational Opportunities	Mackinac E	29
□	Technological Collaboration: Ways for Teachers to use Google Docs That Actually Work	Mackinac W	29
□	Aligning English Language Arts Common CORE State Standards for College and Career ...	Marquette A	29
◆	Passport to Success	Marquette B	29
◆	Strategies Supporting Special Populations Students in CTE Programs	Nicolet A	29
□	How To Develop Rigorous Programs of Study for State and Federal Requirements	Nicolet B	29
⌘	PLTW - Preparing the Future STEM Professionals	Richard A	29
□	The War Against Boys in Our Schools: CTE Throws Them a Lifeline	Richard B	30
Tuesday 10:30 a.m. - 11:30 a.m. Session F			
□	New Developments in eLearning	Brule A/B	30
⌘	A Day in the Life of a Wind Turbine Technician	Cadillac B	30
□	Tools of Engagement	Cartier	30
●	Build a Whole School Evidence Based Career Development System - The National Career Readiness Certificate	Duluth A/B	30
□	Using Classroom Labs to Assure Competent Patient Outcomes	Joliet A/B	30
□	Addressing the new MI Standards for Heavy Equipment Training Using Simulation Software	LaSalle B	31
◆	Reality Store...Really?	Mackinac E	31
□	TRAC Cliff Notes for Career Technical Education	Mackinac W	31
□	Going Online with Your CTE Courses	Marquette A	31
□	Getting Our Students To Work: What's Working and What's Not	Marquette B	31
□	Autodesk Certification Program for Secondary Schools	Nicolet A	31
⌘	PLTW - Breaking Down the STEM Silos	Richard A	31
⌘	Turn Your Classroom Into a Robotic Laboratory Using LEGO	Richard B	32

Monday, February 6

7:30 a.m. - 5:00 p.m.Registration/Information/Exhibits Open.....Renaissance Foyer, Level 4
7:30 a.m. - 8:45 a.m.Continental BreakfastRenaissance Foyer, Level 4
9:00 a.m. - 10:30 a.m.Opening Session.....Renaissance Ballroom, Level 4
Joanne Mahony, Conference Chair, Supervisor, Office of Career and Technical Education, MDE
Excellence in Practice Award Presentation, Patty Cantú, Director of the Office of Career and Technical Education, MDE

Opening Session

9:00 a.m. – 10:30 a.m.

Renaissance Ballroom
Dr. Adolph Brown III
Master Educator, Author, & Entrepreneur

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A Fresh Perspective for Educators

Master teacher and enthusiastic communicator, Adolph Brown is recognized as one of America's leading authorities on Educational Excellence and Leadership Development and a highly sought after International speaker. Thanks to his hard work, his faith and attitude, Adolph has overcome an upbringing of extreme poverty and violence, welfare, fatherlessness, and a single-mother led household to be with you today. His ultimate life desire is to empower individuals, families, and youth to take charge of their lives and create a brighter future for themselves, their community, and their country. Adolph chips away at misconceptions and missteps regarding relationships and communications daily. As a prolific speaker and trainer, Adolph has the amazing ability to combine solid content with a humorous and dynamic presentation.

This presentation will stress the importance of providing the best strategies in classroom management and effective teaching with regard to behavior issues and discipline concerns. Help young people by developing positive language and critical thinking skills in the midst of a myriad of distractions and vast exposure to a host of maladaptive media. After all, the words we chose to use are often a determinant of our behavior. Start the year off with a 'can do' attitude and enthusiasm while learning research proven strategies on how to motivate students, support your colleagues and parents, create a responsive classroom, and effective and efficient classroom management.

Hosts: Denise Belt, Amy Barrett, Deb Custack, and Tara Bride



10:30 a.m. - 11:00 a.m.Networking Break.....Renaissance Foyer
(Refreshments available in Renaissance Foyer)

Cabot

Session: 1A

**Enhancing Career Education with No-Cost Instructional Resources**

What teacher isn't looking for no cost, reputable and instruction-based resources to use with students? The Michigan eLibrary (MeL) has that covered! Available to all Michigan residents, K-12 career educators will be pleased to find resources that will help their students work towards the career of their choice.

- **Deb Biggs Thomas**, Michigan eLibrary Coordinator, Library of Michigan, MDE
- **Randy Riley**, Michigan eLibrary Coordinator, Library of Michigan, MDE

Host: Clifford Akujobi, Education Consultant Manager, Office of Adult Education, WDAMSF

Cadillac A

Session: 2A

**Articulating the Power of Partnership: How Dual Enrollment and Direct Credit Bridges the Gap Between Secondary and Postsecondary Education**

An opportunity to explore the strong partnership between the Hospitality Programs at Kent County Technical Center and Ferris State University with an emphasis on articulation agreements. An introduction to how your students can graduate from high school with college credit.

- **Julie Doyle**, Professor, Ferris State University
- **Karyn Bledsoe**, Faculty, Ferris State University
- **George Dennis**, Faculty, Kent Career Technical Center

Host: Krishnan Sudharsan, Education Research Consultant, Office of Career and Technical Education, MDE

Cartier

Session: 3A

**Girls Can Fix Airplanes Too!**

The aviation industry is begging for diversity! Hear how you can get your female students excited about a career as an Aviation Maintenance Technician (AMT). Learn about upcoming shortages and how to find mentors and organizations that will allow girls to explore the field of aviation maintenance.

- **Amy Kienast Linderman**, National Director of Business Relations, Michigan Institute of Aviation and Technology

Host: Halyna Bialczyk, Regional CEPD/CTE Administrator, Wayne RESA

Duluth A/B

Session: 4A

**Assess for Success: Getting the Most Out of Your Assessment Program**

As technical assessments are implemented for Programs of Study (POS) across the state, teachers need information about using the data as a tool for instructional improvement. Take part in this session to learn about the resources NOCTI has available for making the most of your assessment results.

- **Heidi Speese**, Senior Project Coordinator, NOCTI

Host: Jacqueline Dannis, Education Research Consultant, Office of Career and Technical Education, MDE

Joliet A/B

Session: 5A

**Is There an App for That?**

The demand for computer applications and software developers is soaring. Can Career and Technical Education help meet demand by providing an alternative model to the traditional computer science curriculum? In this session we'll discuss industry trends, platforms, and curriculum. A model program of study based on IT certification is presented.

- **Keith Kelly**, Microsoft IT Academy, Northwestern Michigan College
- **Tom Knight**, Consultant, Office of Career and Technical Education, MDE

Host: Brian Pyles, Regional Director, Career and Technical Education, Berrien RESA

LaSalle A

Session: 6A

**The Connection Between Learning Styles and Learning Personality: The Implications for Educators and Students**

What is the connection between knowing your learning style and your learning personality? Understanding this will make learning a joint venture. The outcome will be that educators will have connection to their learners and that students will achieve academic success.

- **Karen D. Clerk**, General Education Instructor, International Academy of Technology and Design, Troy, Michigan Campus

Host: Cynthia Candela, Job Placement Coordinator, Wayne-Westland Community Schools

LaSalle B

Session: 7A

**Online Career Exploration Course and its Development**

A course management system, and its tools, can help career seekers explore many career options via the web. Creating a fully online course to engage students in the career exploration process has been successful.

Participants will become aware of how this fully online course was developed via Blackboard Learn 9.1.

- **Gloria Lukusa-Barnett**, Associate Professor, Ferris State University

Host: Star H. Kinloch, Graduate Student (CTE), Wayne State University (SOE)

Mackinac E

Session: 8A

**Connecting Academics and EDP/Career Programs**

Why should I learn this? Why should I review my EDP every year? Help students understand how skills/knowledge in academics connect to their futures. Discover career-relevant connections taking only ten minutes of class time! This interactive session also informs counselors and aides how to strengthen their career/EDP program.

- **Kristen Garceau**, Consultant, Career Resource Connection

Host: Jennifer Weisenberg, Administrative Support, Office of Career and Technical Education, MDE

Mackinac W

Session: 9A

**Ypsilanti Positive Success Initiative**

Seeing emerging patterns of drop-outs and special education kids who fade away? Come see a program that will strengthen postsecondary options, including information about setup and funding sources. Ypsilanti's Positive Success Initiative is a new program designed for special education students who do not meet the mold for typical Young Adult Programs. Students will be prepared to advance in a successful career, live independently, and understand the benefits of lifelong learning.

- **Jason Towler**, Transition Coordinator, Ypsilanti Public Schools

Host: Gynne Moore, Training Administrator, Detroit Public Schools

Marquette A

Session: 10A

**Reaching Out to Support CTE Instructors: Pro-Mot-Ed**

The session will include a short presentation with a panel of Pro-Mot-Ed students for a question and answer period.

- **Mike Ennis**, Associate Professor, Ferris State University

- **Lisa Besemer**, Advisor, Ferris State University

Host: Elizabeth Collins, Department Analyst, Office of Career and Technical Education, MDE

Marquette B

Session: 11A

**MCPA: The Source for Placing Students in a Safe and Effective Learning Environment**

The Michigan Career Placement Association (MCPA) was formed 45 years ago to promote a safe and effective learning environment for co-op students. This organization continues today with that same focus, to assist placement personnel with ALL the information, legal updates, and training to make your student placements centered on the student.

- **Richard Moll**, President, Michigan Career Placement Association

- **Sasamon Parker**, Placement Specialist, Muskegon Area Career Technical Center

- **Kyle Morrison**, Placement Specialist, Newaygo RESA

- **Diana Bailey**, Department Specialist, Office of Career and Technical Education, MDE

Host: Glenna Zollinger-Russell, Supervisor, Office of Career and Technical Education, MDE

Nicolet A

Session: 12A

**Preparing Students for High Wage, High Skill, and High Demand Leadership and Managerial Careers**

This session will focus on the skill set needed for students to successfully enter high wage, high skill, high demand occupations at the leadership level. Teaching students to think like a manager with an entrepreneurial spirit while in high school is a formula for postsecondary success.

- **Corbett Day**, CTE Hospitality and Culinary Arts Instructor, LISD Tech Center

- **Amanda Smith**, Michigan Restaurant Association Educational Foundation

Host: Denise Teague, Consultant, Office of Career and Technical Education, MDE

Nicolet B

Session: 13A

**Partnerships in Performance: Teacher Evaluation in Practice, Performance and Partnerships**

Practitioners share working strategies for the CTE-Teacher evaluation process that include research-based methods easily adapted for classroom observations and immediate objective feedback. The partnership for success plan includes a hybrid module delivery course intended to enhance teacher understanding of the six critical areas of instructional practice.

- **Jennifer Harrison**, CTE Director/MSTC Director, Mecosta-Osceola Career Center

- **Steve Locke**, CTE Principal/MSTC Principal, Mecosta/Osceola ISD

Host: Jill Kroll, Supervisor, Office of Career and Technical Education, MDE

Richard A

Session: 14A

**Beyond the Classroom...Stem Collaboratives with Industry**

This presentation will look at how to obtain active business partnerships in STEM programs. Find out how the Career Education in Laboratory Sciences/Histotechnology program at the Capital Area Career Center and the Careers in Biochemical Technology program at the Lenawee Tech Center identified their partners and grew their collaborative relationships.

- **Roger Smith**, Instructor of CELS/Histotechnology, Capital Area Career Center, Ingham ISD
- **Toby West**, Instructor of Careers in Biochemical Technology, Lenawee ISD - TECH Center

Host: Christine Reiff, Education Consultant, Office of Career and Technical Education, MDE

Luncheon Session**12:00 p.m. – 1:30 p.m.****Renaissance Ballroom****Mr. Brian Mull****Director of Innovation - November Learning****Creating Personal Learning Communities**

Described as having an infectious enthusiasm and incredible depth of knowledge, Brian shares a powerful vision for teaching and learning with administrators, teachers, parents, and students. He focuses on critical thinking, motivating students through authentic tasks, and developing collaborative partnerships. His

varied experience as a teacher, a technology director, a curriculum specialist, and a parent allow him to present this information in logical and thoughtful ways.

Brian prides himself in being an engaged lifelong learner. He has worked in various capacities across the United States as well as in Canada, Europe, and Asia. He was one of Google's first 200 certified educators, and he has developed a professional network of global peers who continue to expand his thinking and add depth and currency to his work.

In this talk, Brian will demonstrate how a student's learning network is no longer confined within a classroom or school building. The Internet has changed all of that. Now, students can use tools like RSS, Twitter, Diigo, blogs, and podcasts to gain access to a broad network of knowledge to develop personalized learning communities.

Hosts: Denise Belt, Amy Barrett, Deb Custack, and Tara Bride

1:30 p.m. - 1:45 p.m.Networking Break.....Renaissance Foyer
(Refreshments available in Renaissance Foyer)

Session B**1:45 p.m. – 2:45 p.m.****Brule A/B**

Session: 1B

**Finding A Way in Tough Economic Times: Creating Partnerships to Share Resources**

(2012 Excellence in Practice Award) The housing market and economy made it impossible for the Construction Technology program to continue to build and sell their houses. Through a creative win/win partnership with the City of Westland, the William D. Ford Career-Technical Center has not only saved their program, but found a "better way" to finance the "hands-on" instruction in their program.

- **Mark Valchine**, Program Instructor, William D. Ford Career Technical Center
- **Mike Koelzer**, Program Instructor, William D. Ford Career Technical Center
- **Steven J. Kay**, Principal, William D. Ford Career Technical Center
- **Joanne Campbell**, Director of Housing, City of Westland

Host: Toni Glasscoe, Director of K-12 Initiatives and Career Preparation, Lansing Community College

- Cabot**
Session: 2B
- ☐
- Michigan's Program of Study Development Process - Culinary Arts**
Programs of Study (POS) are more than "fill in the blanks" sequence of courses. POS identify the skills, competencies and experiences needed for success in a program. Participants will learn about the 10-Step POS process and the findings and recommendations to improve the Culinary Arts program and increase student success.
- **Sherry Bradish**, Director, CTE/STC Programs, Mott Community College
 - **David Miller**, Faculty, Business Division/Pastry Chef, Mott Community College
- Host: Denise Teague, Consultant, Office of Career and Technical Education, MDE*
- Cadillac A**
Session: 3B
- ⌘
- Preparing Students for Green Jobs in Alternative Energy**
Come learn about the new Alternative Energy program at Kent Career Tech Center. To maximize student engagement the Alternative Energy class partners with other programs so our students see the applications of various technologies and students from the partner programs learn how the green economy is impacting their career pathway.
- **Jason Kalis**, Academic Instructor/Consultant, Kent Career Tech Center
- Host: Deb Miller, EFE Executive Director, Kalamazoo RESA*
- Cadillac B**
Session: 4B
-
- Twenty Things You Can Do RIGHT NOW To Make Your Classroom Better!**
How many times have you been in the middle of a semester and wondered, "What am I going to do with this class?!?" This workshop is designed to help! We will look at twenty things you can do immediately to improve the dynamics in your class.
- **Frank Dunbar**, Campus Chief Academic Officer, Wayne County Community College District
- Host: Jennifer Weisenberg, Administrative Support, Office of Career and Technical Education, MDE*
- Duluth A/B**
Session: 5B
- ❖
- Are Your Students Ready for Prime Time Technical Jobs?**
The purpose of this session is to share the structure of OCC Pre-Technology Preparation Program with other community colleges and secondary CTE personnel. The data that has been collected to date, validating the success of the program, will be shared. The session will include a PowerPoint presentation and interactive discussion.
- **Janene Erne**, Apprentice Coordinator, Oakland Community College
 - **Dave Namenye**, Director of Sales and Marketing, Jack Martin and Associates
- Host: Gynne Moore, Training Administrator, Detroit Public Schools*
- Joliet A/B**
Session: 6B
-
- Navigating NAVIGATOR**
NAVIGATOR is the electronic web portal that houses all of Michigan's CTE standards, segments, program information, and academic alignment data. The system also contains many options for teachers, curriculum directors and administrators to create and store classroom and program information as well as manage program files. New features have been added this year, come learn the secrets of NAVIGATOR!
- **Glenna Zollinger-Russell**, Supervisor, Office of Career and Technical Education, MDE
 - **Diana Bailey**, Program and Placement Specialist, Office of Career and Technical Education, MDE
- Host: Clifford Akujobi, Education Consultant Manager, Office of Adult Education, WDAMSF*
- LaSalle A**
Session: 7B
-
- How To Move From Annual Authorization to Interim Occupational Certification**
Participants will learn what is needed to move from Annual Authorization to Interim Occupational Authorization in this session. A detailed explanation of related work experience requirements and academic credit parameters will be discussed. A comparative analysis of requirements by higher education will be shared.
- **Geralyn Stephens**, Assistant Professor - Clinical, Wayne State University
- Host: Cynthia Candela, Job Placement Coordinator, Wayne-Westland Community Schools*
- LaSalle B**
Session: 8B
- ◆
- Life Skills Planning**
If you haven't heard of CaseyLife skills you are missing an inclusive assessment and planning tool. This free guide allows you, students and family the ability to see where additional life planning is needed. CaseyLife skills will benefit a wide range of ages and abilities, including your special education students.
- **Jennifer Miller**, Special Education Teacher, Maple Valley Schools
 - **Hillary Leatherman**, Special Education Teacher, Maple Valley Schools
- Host: Ginger Mason, Career Education Consultant and CEPD Administrator, Monroe ISD*

- Mackinac E**
Session: 9B
- ◆
- CTE and The Dropout Challenge**
Superintendent of Public Instruction, Mike Flanagan, issued a dropout challenge to all schools across the state. Learn how CTE can partner with schools to meet this challenge, using research/evidence-based strategies to reduce the dropout rate and prepare students for careers and college. Oakland Opportunity Academy will be featured.
- **Bersheril Bailey**, Consultant, American Institutes for Research
 - **Marlana Krolicki**, Director, Oakland Opportunity Academy
 - **Gregg Dionne**, Alternative Education Consultant, MDE
 - **Kristen Horwood**, Policy Assistant, MDE
- Host: Elizabeth Collins, Department Analyst, Office of Career and Technical Education, MDE*
- Mackinac W**
Session: 10B
- ❖
- Robots and Sensors and Jobs, Oh My! Implementing a Successful Mechatronics Program**
Mechatronics is a high skill, high wage, high demand area, and a key element of advanced manufacturing. This presentation by staff from Utica Community Schools, Faurecia, and ATS includes examination of an established model for implementing a Mechatronics program that includes high school, postsecondary, and workforce development.
- **Scott Palmer**, CTE Administrator, Utica Community Schools
 - **Christopher Newby**, Engineering Manager, Faurecia Interior Systems
 - **Paul Agosta**, President, Applied Technology Systems, LLC
- Host: Janet Haas, Principal, Livonia Career Technical Center, Livonia Schools*
- Marquette A**
Session: 11B
-
- What's New Online to Support CTE**
This program will be a lecture with PowerPoint and a sharing session with the attendees.
- **Mike Ennis**, Associate Professor, Ferris State University
 - **Randy Showerman**, Consultant, Office of Career and Technical Education, MDE
- Host: Halyna Bialczyk, Regional CEPD/CTE Administrator, Wayne RESA*
- Marquette B**
Session: 12B
- ◆
- The Undefined Job Market: Understanding Work Opportunities in Today's Economy**
It's a tough and unforgiving job market for candidates who do not know how their skills and accomplishments are relevant to the ever-changing needs of globally competing employers. This workshop will discuss the characteristics of the undefined job market and what skills are critical for career success in today's economy.
- **Nanette McCleary Shaw**, University Counselor III, Wayne State University
- Host: Zena Lowe, Consultant, Office of Career and Technical Education, MDE*
- Nicolet A**
Session: 13B
- ◆
- Beyond the Brochure: Proven Strategies to Improve Your Nontraditional Core Performance Indicators**
Participants will learn proven strategies to successfully recruit and retain students in nontraditional career training with the goal of improving their Core Performance Indicators.
- **Norma Tims**, Gender Equity Consultant, Office of Career and Technical Education, MDE
 - **Jacqueline Dannis**, Education Research Consultant, Office of Career and Technical Education, MDE
- Host: Jill Kroll, Supervisor, Office of Career and Technical Education, MDE*
- Nicolet B**
Session: 14B
-
- The Right Way to Invest and Why We Never Do**
Geared towards finance and business education, topics include: proper investing techniques, dispelling myths of investing, portfolio construction, proper asset allocation, and more. The goal is to educate our community (starting with our youth) to make wise investing decisions.
- **Jonathan Citrin**, Founder and CEO, Citrin Group
- Host: Tom Knight, Consultant, Office of Career and Technical Education, MDE*
- Richard A**
Session: 15B
- ⌘
- Ah, The Mistakes That We Will Make: Training the Green Generation**
The global shift from fossil fuels to green technology will affect society in total and profound ways. Unfortunately, the Facebook Generation will be prepared by folks who still think digital watches were a pretty neat invention. What mistakes will we make and how can we avoid a few of them?
- **Jay Warmke**, Owner, Blue Rock Station
- Host: Brian Pyles, Regional Director, Career and Technical Education, Berrien RESA*

Richard B
Session: 16B



Developing Collaborative Partnerships Between CTE, Art and Service Learning

(2012 Excellence in Practice Award) Collaborative projects between Engineering, Manufacturing, Welding and Art can result in projects that exemplify working relationships that take place in the workforce. Learn how this collaboration began, how the community became involved and how the projects have resulted in a service-learning project for the students. Handouts will be provided.

- **Cathy Haley**, CTE Director, Coloma High School
- **Kevin Kreitner**, Manufacturing Instructor, Lake Michigan College
- **Dale Quattrin**, Engineering Instructor, Coloma High School
- **Kristen Maniscalco**, Art Instructor, Coloma High School

Host: Sheree Price, Higher Education Consultant, Community College Services, Workforce Development

2:45 p.m. - 3:00 p.m.Networking Break.....Renaissance Foyer
(Refreshments available in Renaissance Foyer)

Session C

3:00 p.m. – 4:00 p.m.

Brule A/B

Session: 1C



Goin' Mobile

A 2011 Top 20 Presentation: Goin' Mobile - Tools of the Trade will cover APPs designed for the workplace. The presentation advances as the STAR TREK Tri-corder of our mythical role in space became Electronic Embedded Performance Systems and APPS are tools of the trade - don't enter the workplace without it!!

- **Chris Bien**, President, Immerse2learn.com

Host: Deb Miller, EFE Executive Director, Kalamazoo RESA

Cabot

Session: 2C



Getting Them Ready - Strategies for Career Preparation

How do we get our students into the mindset of figuring out their futures? This presentation will give educators ideas on how to help students answer this question. Some activities that can fit into class curriculums or can be used in a separate course/seminar will be presented, practiced, and shared.

- **Peggy Molter**, Counselor, Adrian Public Schools

Host: Sherry Bradish, Director, Tech Prep and STC Programs, Mott Community College

Cadillac A

Session: 3C



No More Gimmicks! Learn the Real Path to Solving Classroom Discipline Issues

Come learn research based and time tested strategies that will improve student behavior, increase student achievement, earn strong parental support, and reduce stress in the classroom and office. Through a lively and engaging Power Point presentation, 5 components that contribute to the 4 outcomes above will be covered: student mood awareness and rapid teacher response, teaching classroom rules and routines, eliminating multiple warnings and repeated requests, student and teacher relationships, and classroom arrangement and design. You will be able to apply these strategies immediately upon your return to the classroom.

- **Matthew Beaudreau**, National Training Director, Center for Teacher Effectiveness

Host: Diana Bailey, Department Specialist, Office of Career and Technical Education, MDE

Cadillac B

Session: 4C



Marketing a CTE Program

This presentation is intended to help CTE instructors develop a marketing plan for their programs that incorporate the use of community surveys, SBES, press releases, blogs, websites, service learning projects, and program-related fundraisers (among other strategies) to help target and market their programs to ideal student candidates and community partners.

- **Adam Manley**, Assistant Professor, Western Michigan University

Host: David MacQuarrie, Research Consultant, Office of Career and Technical Education, MDE

Cartier

Session: 5C



Finding Meaning in the Masses: Maximizing your Professional Learning Community

Have you been on Twitter for a while? Do you feel like something is missing? There's a good chance that you are not maximizing your experience. Signing up for and learning the basics of using social tools are generally pretty easy. But to really gain value, you need to understand the more advanced features of what these tools have to offer. This workshop will provide you with several examples of how to tweak your usage to gain the most value out of your time online.

- **Brian Mull**, Director of Innovation, November Learning

Host: Jennifer Weisenberg, Administrative Support, Office of Career and Technical Education, MDE

Duluth A/B

Session: 6C



Digitally Created Training Agreements & Plans

In this session, you will be introduced to a system that creates and maintains ALL your student placement information electronically and prints training agreements and plans in an easy to read format.

- **Richard Moll**, President, RPMoll Management & Consulting, LLC

Host: Glenna Zollinger-Russell, Supervisor, Office of Career and Technical Education, MDE

- Joliet A/B**
Session: 7C
- **College Planning and Preparation for Medical Careers: How We Help Students Get Ready**
(2012 Excellence in Practice Award) The Nursing Preparation Program emphasizes dual enrollment and blended college courses to jump start college credits. Find out how to get 94% of your students to go on to postsecondary training and how this program has helped students acquire \$625,000 in scholarships over the past three years!
 - **Lisa Dunlap**, Nursing Preparation Teacher, Lenawee ISD
 - **Ryan Rowe**, Principal, Lenawee ISD*Host: F. Malin Wagner, CTE Director, Dearborn Heights CTE Consortium*
- LaSalle A**
Session: 8C
- **The Professional Development Needs of the Annually Authorized Teacher**
This session shares findings from a recent study of Michigan's annually authorized teachers' perception of their preparedness to provide instruction to secondary students. The discussion will include sub-topics such as educational/professional backgrounds, instructional strategies used, and professional development needs as identified by respondents.
 - **Geralyn Stephens**, Assistant Professor, Wayne State University*Host: Clifford Akujobi, Education Consultant Manager, Office of Adult Education, WDAMSF*
- LaSalle B**
Session: 9C
- **Improving Science Skills Through CTE Curriculum**
This session will provide teachers with the tools to build on and enhance the science education that occurs naturally in their programs. The session will include a discussion of the science-in-CTE research study conducted by the NRCCTE; explain a six-step lesson plan template and demonstrate a sample health lesson.
 - **Judith Kopaniasz**, CTE Teacher, Downriver Career Technical Consortium/Grosse Ile HS*Host: James Taylor, Dean of Health and Public Services, Kalamazoo Valley Community College*
- Mackinac E**
Session: 10C
- ◆ **WoW**
Workshop of the Week (WoW) is a face-to-face PD series for staff to earn up to 19 hours of PD and 1.0 SB-CEUs (in half hour chunks) without missing class time. Each workshop topic is determined directly by staff needs/interests. Come learn how to adapt our design for your district.
 - **Julie Ross**, Instructional Coach, Lenawee ISD
 - **Hallie Snyder**, Assistant Principal of Curriculum and Instruction, Lenawee ISD
 - **Leslie Coates**, Science Consultant, Lenawee ISD*Host: Star H. Kinloch, M.A., Graduate Student (CTE), Wayne State University (SOE)*
- Mackinac W**
Session: 11C
- ◆ **Educating Pharmacy Technicians**
Pharmacy Technician Training is a total web based with 240 hours of course content pre-created with over 1,000 question data base within the testing system that is randomly generated! Educators have total resources complimentary with pre-generated Lesson Plans.
 - **Lois Forsyth**, Sales, PassAssured, LLC*Host: Betty Edwards, Director, Golightly Career and Technical Center, Detroit Public Schools*
- Marquette A**
Session: 12C
- **Program Rotations: Benefits and Challenges**
Implementation of successful class rotations in a CTE program. Teachers offer programs together to complement each other and provide students with a sampling of several classes. This session will discuss and present the benefits and challenges for both teachers and students and will look at why this solution is so successful.
 - **William Farrant**, Instructor, Jackson Area Career Center*Host: Denise Teague, Consultant, Office of Career and Technical Education, MDE*
- Marquette B**
Session: 13C
- ◆ **Student Success in a Global Economy**
Explore career planning and financial literacy as related to students' academic success. Characteristics of the global economy along with the impact of financial illiteracy will be explored. Participants will also identify strategies that reinforce proactive career and financial planning, which in turn, can expand students' options and improve academic performance.
 - **Nannette McCleary Shaw**, Counselor, Career Services, Wayne State University
 - **Daisy Cordero**, Financial Aid Officer, Wayne State University*Host: Zena Lowe, Consultant, Office of Career and Technical Education, MDE*

Nicolet A
Session: 14C



Education Careers (13.0000) Program Assessment

In this session, participants will learn about the process used to select this end-of-program assessment, the scope of the assessment and resources available to help prepare students, the testing process, and how to interpret the results.

- **Norma Tims**, Education Consultant, Office of Career and Technical Education, MDE
- **Jacqueline Dannis**, Research Consultant, Career and Technical Education, MDE
- **Steven Stegink**, Higher Education Consultant, Professional Preparation, MDE

Host: Ginger Mason, Career Education Consultant and CEPD Administrator, Monroe ISD

Nicolet B
Session: 15C



Flipping the Classroom

Learn the basics on how to flip your classroom and the benefits it brings to kids today and in the future.

- **Judy Walton**, Teacher, Forest Hills Public Schools

Host: Janet Haas, Principal, Livonia Career Technical Center, Livonia Schools

Richard A
Session: 16C



The Making of Energy: Green Energy and Fabrication Academy

Lake Michigan College, in partnership with local power plants, developed a Green Energy and Fabrication Academy to prepare students to understand not only how energy is produced, but how to manufacture energy-producing equipment as well. Discussed will be the curriculum, field experience opportunities, and the successes of the program.

- **Kenneth Flowers**, Department Chair, Technologies, Lake Michigan College
- **Gregg Baustian**, Plant Manager of Zeeland Generating Station, Consumers Energy

Host: Tom Knight, Consultant, Office of Career and Technical Education, MDE

Richard B
Session: 17C



Michigan Electronic Grants System Plus (MEGS+) Overview

Staff from the Michigan Department of Education (MDE) will provide an overview of the Michigan Electronic Grants System Plus (MEGS+). The presentation will include information regarding User Access, Security Levels, Administrative Functions, and Training Resources for MEGS +.

- **Monica Butler**, Department Manager, MDE
- **Keesha Fife**, Department Analyst, MDE

Host: Debbie Lonik, Financial Specialist, Office of Career and Technical Education, MDE

4:00 p.m. - 5:00 p.m.Exhibitor Reception.....Renaissance Foyer
(Hot and Cold Appetizers - Cash Bar Available)

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STUDENT SUCCESS TRANSFORMING EXPECTATIONS

WORLD-CLASS SKILLED WORKFORCE ECONOMIC DEVELOPMENT STUDENT SUCCESS LEARNING RELEVANCE INNOVATION RATES HIGH DEMAND LEARNING SKILLED SUSTAINABLE WORKFORCE RELEVANCE ECONOMIC VITALITY HIGHER GRADUATION RATES HIGH DEMAND LEARNING ENTREPRENEURSHIP LEARNING RELEVANCE INNOVATION STUDENT SUCCESS LEADERSHIP ECONOMIC DEVELOPMENT STUDENT SUCCESS TRANSFORMING EXPECTATIONS

STUDENT SUCCESS TRANSFORMING EXPECTATIONS

Tuesday, February 7

7:00 a.m. - 1:30 p.m.Registration/Information.....Renaissance Foyer
7:00 a.m. - 8:00 a.m.....Breakfast Buffet..... Renaissance Ballroom

Session D

8:00 a.m. – 9:00 a.m.

Brule A/B

Session: 1D



Using SMART Goal to Incorporate Reading and Math in CTE Curriculum

This program will show you how to use PLC's and SMART goals to incorporate reading and math in your CTE curriculum. Examples for you to take home will be provided.

- **Mike Wesner**, Business Teacher, Grand Blanc High School
- **Kim Barnes**, Business Teacher, Grand Blanc High School
- **Martha Gale**, CTE Coordinator, Grand Blanc High School

Host: Dave Jackson, Apprenticeship Representative, Office of Apprenticeship, U.S. Department of Labor

Cabot

Session: 2D



Learning Lenses - SEA the Possibilities for Dynamic Career Education

Actively participate in a session that helps you SEA the possibilities for a dynamic career education classroom. Learn Strategies for differentiating instruction, Engaging instruction to make it relevant and real, and Assessing daily to adjust your instruction. The SEA is full of possibilities and opportunities for you and your students.

- **Loraine Phillips**, Assistant Principal, Ottawa Hills High School
- **Heather Lapouraille**, Instructional Technology Specialist, Ottawa Hills High School

Host: Sherry Bradish, Director, Tech Prep and STC Programs, Mott Community College

Cadillac A

Session: 3D



Community Conversation: The Future of Education in Michigan

The Center for Michigan, a non-profit, non-partisan "think and do" tank, will facilitate a Community Conversation, covering many ideas on how to best prepare today's students for the global economy. Community Conversations include instant polling and discussion. They are an interactive way for Michigan residents to share their opinions and ideas on improving student learning. These conversations will ultimately help shape the future of education in Michigan by providing policymakers with a report about what citizens want from their education system.

- **Tanya Upthegrove**, Outreach Director, The Center for Michigan
- **Amber Toth**, Outreach Coordinator, The Center for Michigan

Host: Cynthia Candela, Job Placement Coordinator, Wayne-Westland Community Schools

Cadillac B

Session: 4D



The Qualities of the 21st Century CTE Teacher

Do you want to learn what competencies define a great CTE teacher? How about which competencies are most important? Come learn all this, as well as how WMU's CTE teacher education program is developing online and in-person professional development sessions to meet the needs of new CTE teachers in Michigan.

- **Adam Manley**, Assistant Professor, Western Michigan University

Host: Sheree Price, Higher Education Consultant, Community College Services, Workforce Development Agency

Cartier

Session: 5D



Critical Thinking on the Web

Too many students are not sure how to separate fact from fiction on the Internet. The Internet can provide any version of the truth to support almost any belief. We can teach students how to read the 'grammar' of the Internet and apply strategies to validate information on a website. This workshop provides step-by-step teaching tips that will help students and teachers think critically about Internet information.

- **Brian Mull**, Director of Innovation, November Learning

Host: F. Malin Wagner, CTE Director, Dearborn Heights CTE Consortium

Duluth A/B

Session: 6D



Career Cluster Implementation with Multimedia Curriculum

Learn how CEV Pathways not only provide instruction on the technical skills relevant to the many program areas of Career and Technical Education, but also aim at providing students with the focus and preparation needed for a successful transition from high school to postsecondary studies and/or future career success.

- **Ken Bollinger**, Curriculum Sales Consultant, CEV Multimedia

Host: Betty Edwards, Director, Golightly Career and Technical Center, Detroit Public Schools

- LaSalle A**
Session: 7D
- **Get Connected**
This presentation will discuss an informative method of how administrators can network with students, promote student success, and increase retention. Working outside the structured environment administrators can connect with students regarding barrier removal and academic concerns. Participants will be provided with an outline supporting *Learning that Works for America!*
 - **Antonio Riggs**, Career Advisor, Delta College
 - **Martin Finney**, Career Advisor, Delta College*Host: Janet Haas, Principal, Livonia Career Technical Center, Livonia Schools*
- LaSalle B**
Session: 8D
- **Michigan's Statewide CPI Trends Across Selected Career Clusters**
This session will cover the definitions of the eight secondary core performance indicators and their recent statewide trends in Michigan. CPI trends for Business, Management, and Administration, Finance, and Information Technology Career Clusters, along with selected programs within these Career Clusters, will be examined. Recommendations for improvements will be suggested.
 - **Krishnan Sudharsan**, Education Research Consultant, Office of Career and Technical Education, MDE
 - **Tom Knight**, Education Consultant, Office of Career and Technical Education, MDE*Host: Gretchen Spedowske, CTE Career and College Readiness Consultant, Char-Em ISD*
- Mackinac E**
Session: 9D
- ◆ **Failure is not an Option!**
If Gene Kranz could bring home Apollo 13, then you can make your students career and college ready! Be courageous and navigate to Blankstein's six starting principles that will take your CTE program out of this world! Think "urgent mission" collaborative teaming and results!
 - **Amy Flynn**, Postsecondary and Counseling, Oakland Schools
 - **Cynthia Scherphorn**, Instruction, Resource and Career Development Consultant, Oakland Schools*Host: Arlene Gibson, Educational Consultant*
- Mackinac W**
Session: 10D
- **America's Marketing High School**
America's Marketing High School, a leader in "FREE online education" has NEW vodcast modules: "Corporate Social Responsibility," "Global Trade," "Social Entrepreneurship," "The State of the Business Environment in the US," "Globalized Entrepreneurship," and "The State of Entrepreneurship in America." These materials are easily utilized in the "flipped classroom" delivery model.
 - **Paul Galbenski**, Instructor, Oakland Schools Technical Campus SE
 - **Mike Bernacchi**, Professor, University of Detroit Mercy*Host: Peter Coomar, Dean of Industrial Technology Division, Monroe Community College*
- Marquette A**
Session: 11D
- **Teach Computer Programming for Mobile App and Game Development**
Make apps and games for both major devices (iOS & Android) while using Windows or Mac. Great for current web design teachers and programming teachers.
 - **Steve Keinath**, Programming Teacher, Jackson Area Career Center*Host: Lynn Curson, Counselor, Garden City High School*
- Marquette B**
Session: 12D
- ◆ **College and Career Ready: It's Simple When You Give Them What They Need**
For the 2010-2011 year, 98% of students at EISD Career Preparation Center received high school credit and 89% received college credit. The percentages for special needs students were 100% earning high school credit and 90% earning college credit. Learn how students can benefit from our ideas and strategies.
 - **Cathie Ott**, Student Services Coordinator/Counselor, Eaton ISD Career Preparation Center
 - **Jean Hernandez**, Para-Educator, Eaton ISD Career Preparation Center
 - **Laura Percival**, Principal, Eaton ISD Career Preparation Center*Host: Mary Brockschmidt, Director, Downriver Career Technical Consortium*
- Nicolet A**
Session: 13D
- ◆ **Civil Rights Obligations of Local Agencies**
Participants will gain an understanding of the obligations of local educational agencies to comply with civil rights laws and provide access for person's with disabilities.
 - **Norma Tims**, Education Consultant, Office of Career and Technical Education, MDE*Host: Christine Reiff, Education Consultant, Office of Career and Technical Education, MDE*

Nicolet B
Session: 14D



Three Ways to Take Algebra II and Still Enroll in Career-Tech

Kathy Williams and Michael Koelzer will share three unique methods of delivering Algebra II to CTE students. Each of these methods (Extended Algebra II, Moodle Algebra II, and Embedded Algebra II) has been shown to increase CTE enrollment at the William D. Ford Career-Technical Center.

Kathleen Williams, Secondary Math Instructor, William D. Ford Career Technical Center
Michael Koelzer, Residential Construction Instructor, William D. Ford Career Technical Center
Host: James Taylor, Dean of Health and Public Services, Kalamazoo Valley Community College

Richard A
Session: 15D



Exploring the Natural Resources and Agriscience Career Pathway

What do school gardens and green schools have to do with Career Exploration? They are stepping stones to careers in the Agriscience and Natural Resources Pathway, a stable career in today's global economy. Scholarship and student career employment opportunities will be discussed.

Lisa Perez, Detroit Urban Connections Coordinator, USDA Forest Service/MSUE
Host: Jacquelyn Lancaster, Graduate Student (CTE), Wayne State University (SOE)

Richard B
Session: 16D



Life and Work After High School: CTE Can Help Chart the Path

There's evidence that many high school seniors are clueless about productive steps after graduation. Too many go directly to college without really knowing why -- and end up dropping out. This session lays out an array of options and shows that CTE instructors can play a role in guiding students.

Lawrence Schlack, Consultant, Kalamazoo Regional Educational Service Agency
Host: Toni Glasscoe, Director of K-12 Initiatives and Career Preparation, Lansing Community College

9:00 a.m. - 9:15 a.m.Networking Break.....Renaissance Foyer
(Refreshments available in Renaissance Foyer)

Session E

9:15 a.m. – 10:15 a.m.

Brule A/B
Session: 1E



Career Pathways Through Industry Recognized Credentials

NCCER has developed over fifty craft training programs for Construction and Maintenance Industries. Learn more about the career opportunities in the construction industry for career and technical students who carry industry-recognized credentials. Teachers and administrators will benefit from attending this presentation.

• **Edward Prevatt**, Director, Workforce Development, NCCER
Host: David MacQuarrie, Education Research Consultant, Office of Career and Technical Education, MDE

Cabot
Session: 2E



Building Understanding Into Our Curriculum

Effective teachers begin with thoughtful plans, designed to optimize the understanding, knowledge, and skill of all learners. This session will introduce CTE teachers to the curriculum design framework called "Understanding by Design" (UbD) for planning more engaging and effective curricula.

• **Katherine Manley**, Professor, Ferris State University
Host: Star H. Kinloch, M.A., Graduate Student (CTE), Wayne State University (SOE)

Cadillac A
Session: 3E



Community Conversation: The Future of Education in Michigan

The Center for Michigan, a non-profit, non-partisan "think and do" tank, will facilitate a Community Conversation, covering many ideas on how to best prepare today's students for the global economy. Community Conversations include instant polling and discussion. They are an interactive way for Michigan residents to share their opinions and ideas on improving student learning. These conversations will ultimately help shape the future of education in Michigan by providing policymakers with a report about what citizens want from their education system.

• **Courtney Thompson**, Outreach Director, The Center for Michigan
• **Amber Toth**, Outreach Coordinator, The Center for Michigan
Host: Jacqueline Dannis, Education Research Consultant, Office of Career and Technical Education, MDE

Cadillac B
Session: 4E



Slice and Dice: Using Existing Data to Answer Novel Questions About Student Outcomes

Are you looking for cost-effective ways to meet your information needs and inform decision-makers about the effectiveness of your CTE programs? Presenters will demonstrate how existing state and local data can be used to address information needs and existing research resources at the local, regional, state, and national level.

- **Jill Kroll**, Supervisor, Office of Career and Technical Education, MDE
- **Carol Clark**, CTE TRAC Director & Health and Human Services Platform Facilitator, GASC Technology Center

Host: Sheree Price, Higher Education Consultant, Community College Services, Workforce Development Agency

Cartier
Session: 5E



Finding Meaning in the Masses: Maximizing your Professional Learning Community

Have you been on Twitter for a while? Do you feel like something is missing? There's a good chance that you are not maximizing your experience. Signing up for and learning the basics of using social tools are generally pretty easy. But to really gain value, you need to understand the more advanced features of what these tools have to offer. This workshop will provide you with several examples of how to tweak your usage to gain the most value out of your time online.

- **Brian Mull**, Director of Innovation, November Learning
- Host: F. Malin Wagner, CTE Director, Dearborn Heights CTE Consortium*

Duluth A/B
Session: 6E



Online Content to Motivate Students

Do your students have an understanding of the world of work and the role they hope to fulfill? Come join us for an overview of the CareerForward motivational content available at no charge to you. We will also view the online training opportunities. Bring your computer!

- **Karen Owen**, Education and Outreach, Michigan Virtual School
- Host: Elizabeth Collins, Department Analyst, Office of Career and Technical Education, MDE*

Joliet A/B
Session: 7E



Partnerships in Performance: Teacher Evaluation in Practice, Performance and Partnerships

Practitioners share working strategies for CTE-Teacher evaluation process that include research-based methods easily adapted for classroom observations and immediate objective feedback. The partnership for success plan includes a hybrid module delivery course intended to enhance teacher understanding of the six critical areas of instructional practice. (Also presented on Monday, Session A)

- **Jennifer Harrison**, CTE Director/MSTC Director, Mecosta-Osceola Career Center
- **Steve Locke**, CTE Principal/MSTC Principal, Mecosta/Osceola ISD

Host: Gretchen Spedowske, CTE Career and College Readiness Consultant, Char-Em ISD

LaSalle A
Session: 8E



Engaging Students in a Real World Experience Operating a Virtual Business

Learn about Virtual Enterprise International (VEI) which is a simulated business set up and ran by students. Students experience all facets of being an employee in a firm as they engage in actual business tasks, activities, and transactions including trading with other simulated firms around the world. Including views from Nicholas Pilon, CEO and Preston Rheume, CFO - Owosso High School Students.

- **Denise Belt**, CTE Coordinator, Shiawassee RESD
- **Jeff Phillips**, Principal, Owosso High School
- **Lori Johnson**, Teacher, Owosso High School
- **Laurie Giesken**, Teacher, Owosso High School

Host: Jennifer Weisenberg, Administrative Support, Office of Career and Technical Education, MDE

LaSalle B
Session: 9E



What Works in CTE Today?

Today's Career Educator is faced with tremendous challenges. Join two dynamic instructors from the Michael Berry Career Center as they share the creative, innovative and engaging ways they are recruiting students, meeting their needs, harnessing technology, and just plain having fun in their careers. Bring your ideas to share!

- **John P. Bayerl**, CTE Teacher, Dearborn Public Schools (Michael Berry Career Center)
- **Tina Ramos**, Nursing Instructor, Dearborn Public Schools (Michael Berry Career Center)

Host: Betty Edwards, Director, Golightly Career and Technical Center, Detroit Public Schools

- Mackinac E**
Session: 10E
- ◆
- Elementary Partnerships: Use Your CTC to Offer Eye-Opening Educational Opportunities**
(2012 Excellence in Practice Award) Our partnerships offer grades 2-6 opportunities to experience specific careers. These CTC partnerships are based on GLCE standards. CTC students and staff share time in the selected elementary school preparing students for their CTC visit, explaining the importance of learning, and then students visit the CTC to make a project.
- **Jill Baker-Cooley**, Counselor, Wexford-Missaukee CTC
 - **Darlene Fowler**, Work Based Learning Coordinator, Wexford-Missaukee CTC
- Host: Jacquelyn Lancaster, Graduate Student (CTE), Wayne State University (SOE)*
- Mackinac W**
Session: 11E
-
- Technological Collaboration: Ways for Teachers to use Google Docs That Actually Work**
Educators involved in a collaborative curriculum project used Google docs to SAVE TIME and create a Better Curriculum product. This presentation is intended to show reasons to use Google docs and go through the basics of using it. Bring your laptop. Having a Gmail account helps.
- **Scott Jakob**, Mathematics Consultant, Jackson Area Career Center
- Host: Peter Coomar, Dean of Industrial Technology Division, Monroe Community College*
- Marquette A**
Session: 12E
-
- Aligning English Language Arts Common CORE State Standards for College and Career Readiness**
Focusing on leadership qualities and great leaders lets students develop literacy in their career pathway and prepares them for College and Career Readiness. Aligned to the ELA Common Core State Standards (CCSS), highly qualified ELA teachers have worked cooperatively with technical teachers to select informational texts, media, and other genre.
- **Janet Temynk**, English Academic Teacher, Oakland Schools Technical Campus SW
 - **Debbie Waters**, English Academic Teacher, Oakland Schools Technical Campus SW
- Host: Diana Bailey, Department Specialist, Office of Career and Technical Education, MDE*
- Marquette B**
Session: 13E
- ◆
- Passport to Success**
How a community college worked with at-risk students who were only passing all of their classes at a 20% rate and transformed them into a group in which 75% passed all of their classes, using a low-cost high-touch method and how this concept could be used at any school.
- **Martin Finney**, Career Advisor, Delta College
 - **Antonio Riggs**, Career Advisor, Delta College
- Host: Arlene Gibson, Educational Consultant*
- Nicolet A**
Session: 14E
- ◆
- Strategies Supporting Special Populations Students in CTE Programs**
An interactive presentation by Michigan Department of Education, Community College, and Intermediate School District professionals who will present strategies and best practices to provide support to special populations students in CTE Programs.
- **Norma Tims**, Special Populations Coordinator, Office of Career and Technical Education, MDE
 - **Holly Moore-McKee**, Director, Support Services, Kellogg Community College
 - **Michelle Quarton**, Special Populations Coordinator, Oakland Schools
- Host: Lynn Curson, Counselor, Garden City High School*
- Nicolet B**
Session: 15E
-
- How To Develop Rigorous Programs of Study for State and Federal Requirements**
Interactive "how to" focused on a succinct, collaborative secondary/postsecondary process for developing rigorous programs of study (RPOS). Key features: 1. strategies for overcoming barriers; 2. RPOS benefits for students and secondary postsecondary partners; and 3. a template to modify and use for secondary/postsecondary career cluster 6+2+2 programs.
- **Mark Pogliano**, Assistant Dean of Occupational Programs, Schoolcraft College
 - **Janet Haas**, Principal, Livonia Public Schools
 - **Halyna Bialczyk**, Regional CEPD/CTE Administrator, Wayne RESA
- Host: Mary Brockschmidt, Director, Downriver Career Technical Consortium*
- Richard A**
Session: 16E
- ⌘
V
- PLTW - Preparing the Future STEM Professionals**
Participants will learn about PLTW's programs which were collaboratively developed by PLTW master teachers, university professors, engineering and biomedical professionals that emphasizes critical thinking, creativity, innovation and real-world problem-solving. PLTW's hands-on project-based programs engage students on multiple levels, providing them with a foundation that leads to college and the workforce.
- **Ken Maguire**, Director, Upper Midwest Region, Project Lead the Way
- Host: Kelli Cross, Administrative Support, Office of Career and Technical Education, MDE*

Richard B

Session: 17E

**The War Against Boys in Our Schools: CTE Throws Them a Lifeline**

Boys are having a tough time in school these days. They outnumber girls 2 to 1 in every category of special education and in dropouts, incarceration, and suicide. This session invites discussion of data showing a war against boys and the role CTE might play to increase school success for boys.

- **Lawrence Schlack**, Consultant, Kalamazoo Regional Educational Service Agency

Host: Zena Lowe, Consultant, Office of Career and Technical Education, MDE

10:15 a.m. - 10:30 a.m.Networking Break.....Renaissance Foyer

(Refreshments available in Renaissance Foyer)

Session F**10:30 a.m. – 11:30 a.m.****Brule A/B**

Session: 1F

**New Developments in eLearning**

Technology in education is changing and a variety of sources are engaging the issue. Publishers, professional associations (e.g., ISTE), hardware and, software producers are providing options based on differing standards. Examples will be provided and the session is designed to result in open discussion. Online examples will be provided.

- **Rod Boyes**, President, Melior-Delaware, Inc.

Host: Jacquelyn Lancaster, Graduate Student (CTE), Wayne State University (SOE)

Cadillac B

Session: 3F

**A Day in the Life of a Wind Turbine Technician**

Wind Technician training programs are popping up all over the U.S.; however, wind technician work is not for everyone. Find out what is involved in training, where the work is, what the salary expectations are, and what a day in the life of a wind technician is actually like.

- **Amy Kienast Linderman**, National Director of Business Relations, Michigan Institute of Aviation and Technology

Host: Dave Jackson, Apprenticeship Representative, Office of Apprenticeship, U.S. Department of Labor

Cartier

Session: 4F

**Tools of Engagement**

Today, the Internet offers us a wide variety of tools that can be used to enhance your current curriculum. From mapping software and communication tools to wikis and online photo management, your students can find ways of learning and presenting new information in fun and motivating ways. It may sound overwhelming, but in this session, learn how to effectively channel all of these resources together.

- **Brian Mull**, Director of Innovation, November Learning

Host: Sherry Bradish, Director, Tech Prep and STC Programs, Mott Community College

Duluth A/B

Session: 5F

**Build a Whole School Evidence Based Career Development System - The National Career Readiness Certificate**

With endless tasks to accomplish, limited time, and resources, why not align and work SMARTER. Show your career program's value for students, parents, school improvement, and to school leaders. Receive maps, charts, and how-to ideas. By using data, demonstrate your career program's value.

- **Cathy McCafferty - Smith**, Chief Engagement Officer, Know U LLC

- **Joan Helwig**, High School Counselor, Marlette

Host: Lynn Curson, Counselor, Garden City High School

Joliet A/B

Session: 6F

**Using Classroom Labs to Assure Competent Patient Outcomes**

Learn how classroom-based “clinical labs” give students an array of learning opportunities that improves the practice of health care knowledge and skills to enhance patient interaction and understanding public health.

- **Jerry Foxworthy**, Director of Health Science, Depco, LLC

Host: Mary Brockschmidt, Director, Downriver Career Technical Consortium

LaSalle B

Session: 7F

**Addressing the new MI Standards for Heavy Equipment Training Using Simulation Software**

Interactive Session! How will you be addressing the new Heavy Equipment Standards for the Construction Trades Cluster? Join us for a hands on workshop to learn how to teach to these standards using hands on simulation software. Receive a free evaluation license for joining us.

- **Shannon Savona**, Program Integration Specialist, BES Solutions

Host: Kelli Cross, Administrative Support, Office of Career and Technical Education, MDE

Mackinac E

Session: 8F

**Reality Store...Really?**

Using the Reality Store curriculum, provide students with opportunities to see the relevance of their EDP while meeting the following goals: Learning basic skills in financial/career planning and clarifying the need to examine their futures and career expectations, and EDP alignment is encouraged using students' Career Cruising portfolios / career forecast data.

- **Kim Dusseau**, Career Preparation Services Coordinator, Lenawee ISD
- **Jane Castle**, Career Preparation Services Coordinator, Lenawee ISD
- **Jonathan Tobar**, Career Preparation, Lenawee ISD

Host: Jennifer Weisenberg, Administrative Support, Office of Career and Technical Education, MDE

Mackinac W

Session: 9F

**TRAC Cliff Notes for Career Technical Education**

Seasoned TRAC survivors will present streamlined quick and easy steps to a quality TRAC review with a clean check-up and no citations. Receive templates, strategies, and resources to ease the TRAC process. Sponsored by Career Curriculum Development Association (CCDA).

- **Kim Fischer**, Co-Chair, CCDA
- **Mike Hoffner**, Member, CCDA

Host: Debbie Lonik, Financial Specialist, Office of Career and Technical Education, MDE

Marquette A

Session: 10F

**Going Online with Your CTE Courses**

This session will demonstrate best practice teaching and learning for traditional CTE courses using a hybrid/blended online CTE course model. Come prepared to enter this session with a desire to move your CTE course into the 21st Century and leave with the vision of how to do just that!

- **Debra LaMothe**, Consultant, Oakland Schools
- **Charlotte Oliver**, Teacher, Ferndale Public Schools
- **Arthur Ibegbu**, Teacher, Oakland Schools

Host: Denise Teague, Consultant, Office of Career and Technical Education, MDE

Marquette B

Session: 11F

**Getting Our Students To Work: What's Working and What's Not**

This presentation will focus on the truths and fallacies of the secondary to postsecondary relationship as described by the literature. An examination of articulation, direct credit, and college readiness will be included.

- **James Wm Taylor**, Dean of Health, Science & Technology, Kalamazoo Valley Community College
- **Fiona Hert**, Dean of the School of Workforce Development, Grand Rapids Community College
- **Rob Spohr**, Vice Presidents for Academic Affairs, Montcalm Community College

Host: Zena Lowe, Consultant, Office of Career and Technical Education, MDE

Nicolet A

Session: 12F

**Autodesk Certification Program for Secondary Schools**

Attendees will learn more about the AutoCAD and Autodesk Inventor Certified User certifications, both designed specifically for secondary students.

- **Amy Gritzinger**, Application Engineer, Studica, Inc.

Host: Sheree Price, Higher Education Consultant, Community College Services, Workforce Development Agency

Richard A

Session: 13F

**PLTW - Breaking Down the STEM Silos**

Learn how PLTW programs are impacting Math, Science and Technology Education through student engagement and retention. Research methodology and results will be shared.

- **Ken Maguire**, Director, Upper Midwest Region, Project Lead the Way

Host: Elizabeth Collins, Department Analyst, Office of Career and Technical Education, MDE

Richard B

Session: 14F

⌘
V**Turn Your Classroom Into a Robotic Laboratory Using LEGO**

Imagine it! Build it! Teach it! Educators will learn how to use LEGO MINDSTORMS® Education NXT and TETRIX™ sets, software and activities that build real-life mechanisms, use creativity, logic and problem-solving skills to show how robotic activities can be used to teach STEM standards and prepare students for 21st century jobs.

- **Ivery Toussant**, Education Consultant, LEGO Education

Host: Arlene Gibson, Educational Consultant

Luncheon Session**11:30 a.m. – 1:15 p.m.****Renaissance Ballroom****Ms. Paula Cunningham****President/CEO, Capitol National Bank****I Still Believe**

Paula D. Cunningham will discuss education in America and throughout the world from an employer's point of view. Her more than 40 years of experience in both the public and private sector, and as a successful entrepreneur will highlight the value of career and technical education in Michigan. If our educational system is broken as many pundits have stated, then why is the rest of the world trying to emulate it? Paula Cunningham is inspirational, engaging, and a realist. Listen to why she says, "I Still Believe".

Hosts: Denise Belt, Amy Barrett, Deb Custack, and Tara Bride

Awards Ceremony and Door Prizes

(must be present to win-to enter, turn in your conference badge at the luncheon session)



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**PARTNERS
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This dynamic and interactive classroom presentation takes students through the steps needed to prepare for life after high school. Through the use of slides, videos, discussion points, and handouts, the presentation informs, motivates, and empowers high school students by focusing on key decision-making skills including career planning, applying for a job, and budgeting. Additionally, the program website houses a career mentor database that connects students with career mentors in their community.

**YOU CAN
SCHOOL PROGRAM**

Thirty motivational classroom presentations in health and social well-being, life betterment, discovery and disaster preparedness help students develop necessary life skills in order to have successful futures and accomplish great things.



This career guidance program helps high school freshmen and sophomores identify rewarding careers and implement strategies for achieving and maintaining success. Program includes a student workbook, an interest inventory, and web-based student reports.



Our Department of Defense sponsored program offers students access to future-oriented and empowering career exploration and planning materials, emphasizing the importance of planning and decision-making. At a school's request, the National Guard can help set up testing and results interpretation.



A rare opportunity for a hands-on, exciting, and memorable educational experience, the HUMVEE School Program informs students about technical career paths while offering an up-close and personal look at a HUMVEE. For students interested in automotive careers, learning about HUMVEE history and technology is a unique educational experience.



The Michigan Army National Guard Mobile Event Team is a unique group of Soldiers currently serving in Michigan who are able to keep the interest of students within the gym class setting. The team offers hands-on friendly competition as kids climb a rock wall, compete against one another on an obstacle course or race against the clock with ready-to-use individual gym equipment. Also popular with sporting events and school sobers.

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- PassAssured**
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866-778-7277
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201-236-5882
- Relevant Classroom**
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- Studica, Inc.**
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Quick Reference Guide for Career and Technical Education

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4483 Enrollment Report	Joan Church	335-0360
Advisory Committee Toolkit	Christine Reiff	241-0260
Agriculture, Food and Natural Resources Cluster	Randy Showerman	355-3562
Ancillary Data Reports	David MacQuarrie	241-6202
Application for Full-Time Administrator (CTE-4003)	Joanne Mahony	335-0405
Apprenticeship Programs	USDOL	377-1746
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Arts, A/V, Technology, and Communications Cluster	Zena Lowe	241-4355
Breaking Traditions Award	Norma Tims	241-2091
Business, Management and Administration Cluster	Tom Knight	373-8545
Business Professionals of America (BPA) (CTSO)	Maurice Henderson	734/487-1700
Career Education Conference	Joanne Mahony	335-0405
Cash Management System (CMS)	Debbie Lonik	241-6929
CEPD Options Form	Joan Church	335-0360
Civil Rights Compliance Review (CRCR)	Norma Tims	241-2091
Core Performance Indicators (Perkins CTE/Tech Prep)	Krishnan Sudharsan	241-7652
Counseling/Counselor Education	Christine Reiff	241-0260
Criminal Offender Grants (Adult)	Debbie Lonik	241-6929
CTE Program Articulation and Alignment Issues	Career Cluster Consultants	
CTE Teacher Certification/Annual Authorization	Glenna Zollinger-Russell	241-2072
CTE Teacher Education Grants	Glenna Zollinger-Russell	241-2072
CTE Teacher Preparation Issues/Supply & Demand/	Glenna Zollinger-Russell	241-2072
CTEIS Data System	David MacQuarrie	241-6202
CTEIS Security Levels	Joan Church	335-0360
Data Coordination	David MacQuarrie	241-6202
Early/Middle College Programs	Patty Cantú	335-5224
Education and Training Cluster	Norma Tims	241-2091
Employers as Partners	Christine Reiff	241-0260
End-of-Year Reports	Diana Bailey	373-8904
Entrepreneurship	Denise Teague	335-0381
Excellence in Practice Awards	Norma Tims	241-2091
FACTS Brochure	Jacqueline Dannis	335-1066
Family, Career and Community Leaders of Michigan, Michigan FCCLA (CTSO)	Elette Collins	734/487-3322
Family and Consumer Science (FCS)	Norma Tims	241-2091
Final Enrollment & Termination Data/Resources (4301)	Joan Church	335-0360
Finance Cluster	Tom Knight	373-8545
Fiscal Cooperative Agreements (Perkins)	Diana Bailey	373-8904
Follow-Up Survey of Program Completers	Krishnan Sudharsan	241-7652

Gender Equity	Norma Tims	241-2091
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Less-Than-Class-Size Contracted Instruction Programs	Diana Bailey	373-8904
Letter of Intent/New Program Planning Process	Diana Bailey	373-8904
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Perkins Consolidated Annual Report (CAR)	Joanne Mahony & Jill Kroll	335-0405 241-4354
Perkins Regional Allocation Formula	Jacqueline Dannis	335-1066
Perkins State Plan	Joanne Mahony	335-0405
Professional Development	Joanne Mahony	335-0405
Programs of Study	Glenna Zollinger-Russell	241-2072S
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SkillsUSA-Michigan (CTSO)	Tammy Brown	734/487-3888
Special Populations, Programs, and Services	Norma Tims	241-2091
Technical Review, Assistance & Compliance (TRAC)	Elizabeth Collins	335-3149
Technical Skills Assessments	David MacQuarrie	241-6202
Technical Skills Assessment Implementation	Jacqueline Dannis	335-1066
Transportation, Distribution, and Logistics Cluster	Patricia Talbott	335-0359
Work-Based Learning/Coop	Diana Bailey	373-8904
Work Permit Information	Tara Bride	335-6041
USDOL/Bureau of Apprenticeship & Training		377-1746

SB-CEU Information

If have chosen to apply for State Board Continuing Education Units (SB-CEU's), then there are a few important steps involved with obtaining SB-CEU's:

1. You must attend at least five one hour sessions, which includes general sessions, to qualify for any SB-CEUs.
2. You must have filled out the SB-CEU application form, paid \$20, and received the official session sign-in sheet.
3. You must have a session monitor sign-in and –out at each session you attend.
4. For conferences with several break-out sessions, you will be given a sheet with all of the options and it is your responsibility to find the monitor at each session to get your form stamped/initialed when you arrive and when you leave – you must attend the entire session.
5. Once the Coordinator's office has verified the conference attendee information, a download is sent to a central registry system. You must have a **personal account** in this system in order to receive your SB-CEUs. If you do not already have an account, you may set up an account here: visit https://support.solutionwhere.com/MI_sbceu/ and click on *Create Account*. Please be sure that the email address that you submitted on your application form at the conference is the same as the address you submit as you create your account. **These must match.**
6. You will receive an e-mail indicating that you have 30 days to complete an evaluation form for the event. If you do not complete the evaluation, you will not be awarded SB-CEUs, nor will you be refunded your \$20.
7. Once you have completed the evaluation, you will be able to access your unofficial transcript which will show all SB-CEUs you have been awarded. An official transcript from the on-line registry system is \$20.

*If you have difficulties setting up your account or accessing the evaluation, please contact the Website Administrator by clicking on that link while in the site, or call 517-327-5925.

**To access the Secure Central Registry along with other online Professional Development Information, go to Welcome page at https://support.solutionwhere.com/MI_sbceu/welcome.asp.

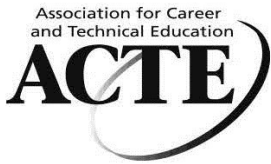
Association for Career and Technical Education (ACTE)

ACTE is the nation's largest not-for-profit education association dedicated to the advancement of education that prepares youth and adults for successful careers.

With over 29,000 members, ACTE is committed to enhancing the job performance and satisfaction of its members; increasing public awareness and appreciation for career and technical programs; and assuring growth in local, state and federal funding for these programs by communicating and working with legislators and government leaders.

ACTE's first priority is its members. The Association provides a number of outstanding benefits tailored to meet your personal and professional needs. These programs and services provide you with resources and information to make your job easier and more rewarding, allowing you to focus on things that are most important to your work

- **IN-DEPTH ANALYSIS, CLASSROOM TOOLS AND BEST PRACTICES:** *Techniques magazine* which is published eight times a year and provides a wealth of useful information to CTE teachers and administrators, including in-depth analysis, classroom tools, and best practices.
- **QUALITY NETWORKING AND PROFESSIONAL DEVELOPMENT:** The **Annual Convention and Career Tech Expo and the National Policy Seminar** helps you to interact with other CTE educators, business and institutional partners, and policymakers face-to-face. As an attendee, you choose from a variety of sessions across a wide range of subjects that are designed to help you take the most relevant information back to your classroom or office.
- **TIMELY LEGISLATIVE UPDATES:** The **Legislative Action Center** on ACTE's Web site provides you a way to get information on the legislative process, follow the voting records of representatives, and find out who your elected officials in Congress are. Also, ACTE's electronic legislative alerts provide breaking news on Capitol Hill activities that affect CTE programming, funding and support.
- **CTE NEWS:** ACTE keeps you on top of cutting-edge news from around the country. *Career Tech Update*, is a tightly written summary of the most important news affecting the career and technical education profession, prepared by the editors of U.S. News & World Report. This valuable resource is published each weekday and sent to your inbox before 8:00 a.m.
- **INSTANT ACCESS TO THOUSANDS OF COLLEAGUES:** ACTE's **online Communities of Practice**, help you network with other educators who share your professional interests around the country.
- **PROFESSIONAL RECOGNITION:** ACTE's **National Award Program** gives you an opportunity to nominate your colleagues or yourself for recognition on a national stages for outstanding work and dedication to career and technical education.
- **BUYING SUPPORT:** ACTE offers you the opportunity to apply for an **ACTE credit card** at a special introductory rate through a partnership with **Bank of America**. **Bank of America** also offers you special yields on Certificate of Deposit and Money Market Deposit Accounts.
- **PEACE OF MIND:** ACTE provides you with a **\$25,000 policy** for common carrier accidental death and dismemberment insurance within the first year of annual membership through the **Forrest T. Jones Insurance Company**. The policy increases by \$5,000 annually with continuous renewal of membership (up to a maximum of \$50,000). In addition, you have access to affordable insurance options through ACTE's group buying program, including liability; identify theft and others (see enclosed brochure).
- **MONEY BACK:** You receive **substantial discounts** on registration fees for ACTE professional development activities, subscriptions, books, guides, audio tapes, and videotapes that are made available through the Association.
- And much more... To learn more, go to www.acteonline.org



2012 Membership Application

- 1 Fill out form completely.
 - 2 Mail to: P.O. Box 758621, Baltimore, MD 21275-8621
or fax to: 703-683-7424 (only if paying by credit card)
- Or Apply online at www.acteonline.org/join

Federal ID#: 52-0632865

A. Personal Profile

Member Renewal

Mr. Ms. Mrs. Dr.

ACTE Member Number _____ Organization _____

Full Name (First, Last) _____

Home Address _____

City/Region _____ State/Country _____ Zip _____

Home Telephone _____ Work Telephone _____

Fax _____ Last 4 Digits of SSN¹ _____ Date of Birth¹ (MM/DD/YY) _____

E-mail _____

Do you wish to opt out of mail list? Yes No

From time to time ACTE makes its lists available to organizations that offer products and services valuable to career and technical educators. At no time will ACTE provide your e-mail address to a third party. E-mail addresses are for

Position Type (indicate only one)

- Administrator/Supervisor (A)
- Teacher Supervisor (E)
- Teacher (T)
- Student (S)
- Counselor (K)
- Teacher Educator (X)
- Other (O)
- Retired (R)

Institution Type (indicate only one)

- Junior High/Middle School (H)
- Comprehensive High School (S)
- Secondary Career/Technical School (V)
- Two Year Postsecondary Institution (J)
- Four Year College or University (C)
- Federal, State, Local Education Agency (D)
- Other (F)

B. ACTE Division Membership

Your ACTE membership includes membership in one division. Fill bubble in completely for your primary division. Additional divisions may be added for \$10.00 each. Mark additional divisions with an X.

- Administration (ADM)
- Agricultural Education (AGR)
- Adult Workforce Development (AWD)
- Business Education (BUS)
- Engineering and Technology Education (TGY)
- Family & Consumer Sciences Education (FAM)
- Guidance/Career Development (GUI)
- Health Science Technology Education (HEA)
- Marketing Education (MAR)
- Special Populations (SPE)
- Trade and Industrial Education (TRA)
- * New and Related Services (NRS)

* If you selected the New and Related Services Division as a primary or additional division above, please select one section within that division below. Additional sections may be added for \$10.00 each.

- CBITS (L)
- Cooperative Work Experience (B)
- Instructional Materials (C)
- International (I)
- Makers of Policy (H)
- Professional Development (D)
- Public Information (E)
- Related Subjects (F)
- Research (G)
- School-to-Work/Careers (N)
- Support Staff (J)
- Tech Prep (M)
- Teacher Educators (O)

C. Membership Categories

Please choose one. For student (full-time) and retired (loyalty) dues and requirements, call 800-826-9972.

- ACTE² Regular (\$80.00)
- Michigan (\$20.00)

D. Dues Summary

ACTE Dues _____ **80** _____
See part C

Additional ACTE Divisions _____
ACTE membership includes dues for one division. Each additional division costs \$10.00 each.

CTE Support Fund _____
This fund supports public awareness campaigns and the development of research-based materials dedicated to advancing CTE.

State Association Dues³ _____ **30** _____

State Division Dues³
AGR \$40; AWD\$10; FAMS10; GUI\$5
HEA\$25; MAR\$20; SPE\$5 TGY\$30
TRA\$10; NRS (A\$15; B\$5; C\$8). ALL
OTHER \$0 _____

Total Dues \$ _____

Comprehensive Insurance is no longer available through ACTE. You may contact Forrest T. Jones (800-265-9366) and ask for the ACTE Member Discount.

E. Payment Information

- Check Enclosed (payable to ACTE)
- Credit Card
 - Visa MasterCard AmEx Discover

Credit Card # _____

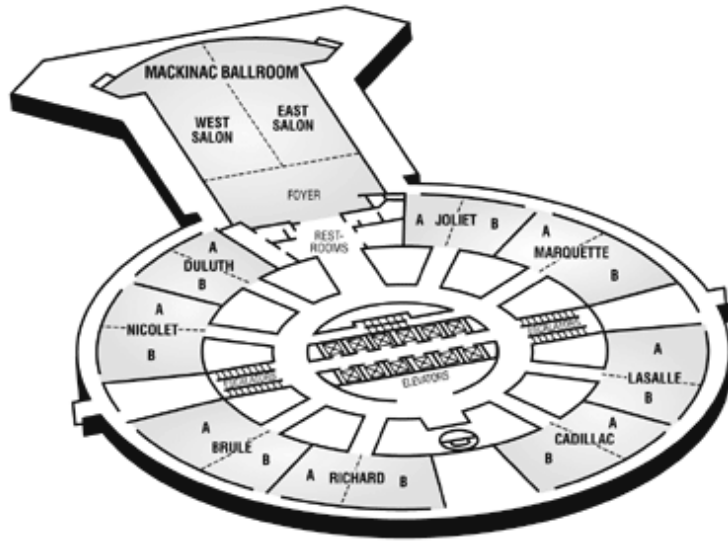
Expiration Date _____ Security Code⁴ _____ Billing Address Zip Code _____

Name on Card _____

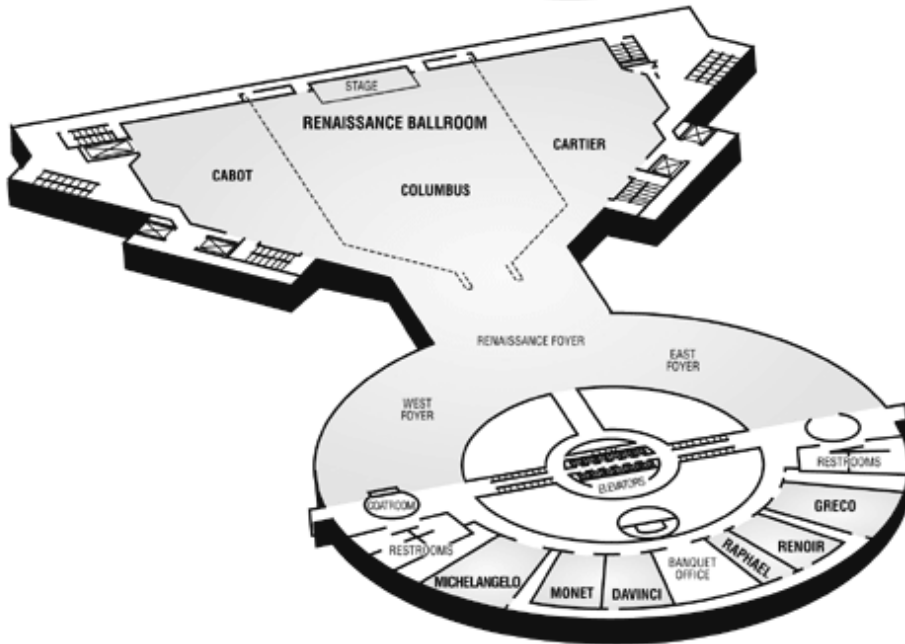
Signature _____

Notes

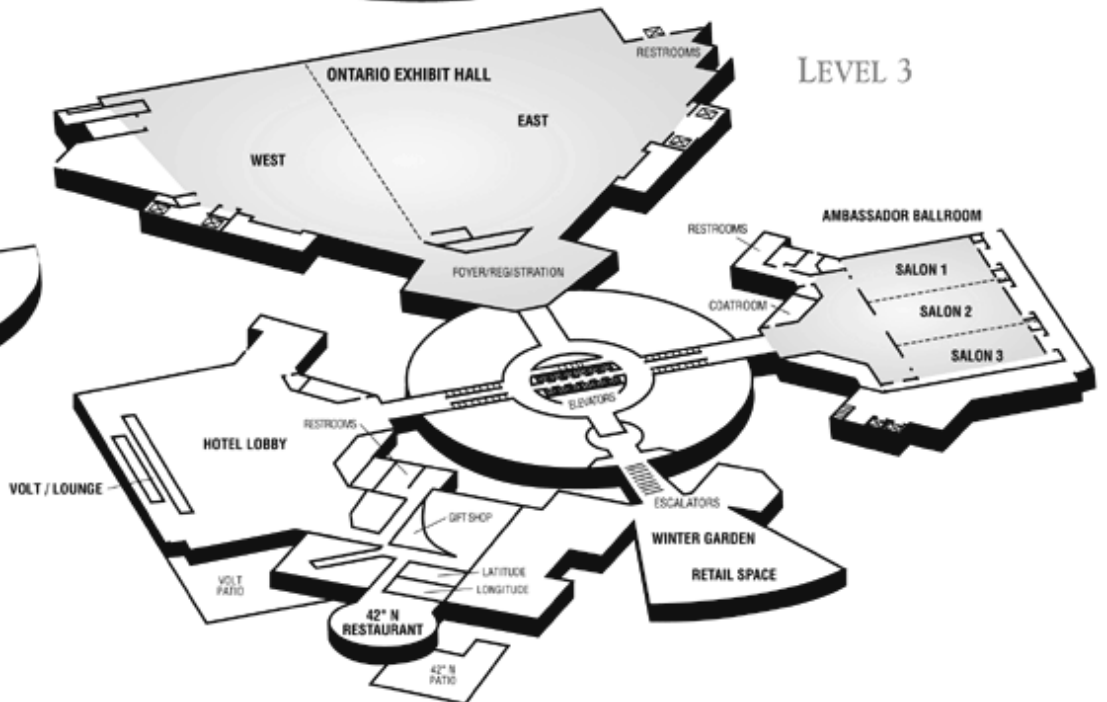
1. You are not obligated to provide this information; however, ACTE uses this information internally to serve as a unique identifier for members. At no time would ACTE make this information available to a third party.
2. \$33 of your membership fee covers your subscription to *Techniques*. Student members receive a complimentary copy of *Techniques*.
3. If your state and state division dues are not attached please call ACTE at 800-826-9972 or go to www.acteonline.org/join. Membership in your state (or territory) association is required along with your ACTE Membership for the following states: AL, AR, CA, CO, DC, GA, KS, KY, MS, MT, ND, NE, NM, NY, OH, OK, PA, SD, TX, UT, WV, WI, and the Bahamas chapter.
4. The security code for Visa, MasterCard, and Discover cards is the last three digits of the number printed on the signature panel on the back of the card. The security code for American Express cards is a small four digit number printed on the front of the card above and to the right of the credit card number.



LEVEL 5



LEVEL 4



LEVEL 3



Notes