

Monday, January 31

7:30 a.m. - 5:00 p.m.	Registration/Information	Center Concourse
7:30 a.m. - 8:45 a.m.	Continental Breakfast	Devos Center (A-B Ballroom)
9:00 a.m. - 10:30 a.m.	Opening Session	Devos Center (A-B Ballroom)
	Joanne Mahony , Conference Chair, Supervisor, Office of Career and Technical Education, MDE Excellence in Practice Award Presentation	
10:30 a.m. - 11:00 a.m.	Networking/Exhibitor Break	West Concourse

Session A

11:00 a.m. – 12:00 p.m.

Incorporating Data-Driven Improvement Strategies to increase Student Performance on Perkins-Mandated Assessments

There are many components of the Perkins IV legislation that affect teachers and students. The Perkins component that will impact CTE teachers and students most; however, is the requirement for student assessment of all program completers. This session will provide teachers with strategies to help improve their students' performance on these assessments by collecting and using data for diagnostic teaching coupled with innovative instructional strategies.

- **Katherine Manley**, Professor and Director of the Michigan Center for CTE at FSU, Ferris State University
- **Denise Belt**, CEPD Administrator, Shiawassee Regional ESD

Are College-Ready and Career-Ready Really the Same?

There is a strong push in America today to equate college readiness with career readiness. This session reviews arguments on both sides of the question and makes a case that they really are different. Participants will express their own views and learn ways to join the national debate.

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

High School Online Courses - Free for all Michigan Schools!

A high school digital curriculum is available free for all schools. Michigan owns these courses designed to meet the MMC requirements. Free teacher training to use this content is being offered this year to anyone interested in using these courses in their CTE program. Engage your students, enhance your resume!

- **Barbara Fardell**, Manager, Educational Technology, Michigan Department of Education

So What Exactly Does "College and Career Ready" Mean?

In this era of standards-driven school change, we are losing sight of the 7 most important abilities/survival skills that we should be teaching our students regardless of their direction after high school. Participants will learn about the research supporting their importance and various examples of integrating them into everyday instruction. This session will bring together the work of Tony Wagner, the P21 initiative, the role of career-themed academies, and the integration of academics with CTE to describe the education system/curriculum necessary to support our students success in college and careers.

- **John Williams**, Consultant, Ed-Connect, Inc.

Future Ready Kids

Successful students benefit from a thorough understanding of how to navigate the postsecondary system. This interactive presentation demonstrates an innovative CTE program that works in collaboration with a local community college to provide dual enrollment courses for students during their CTE time, better preparing them for college and careers.

- **Dawn Cowhy**, Advanced Health Occupations Instructor, Lapeer Education and Technology Center
- **Cathy Amboy**, CTE Administrator, Lapeer Education and Technology Center

Michigan's College Access Strategy

This session will provide updates on Michigan's statewide college access strategy -- Michigan College Access Network (MCAN). MCAN and the MDE work with state and local partners to dramatically increase Michigan's college participation and completion rates. Topics discussed include: Michigan College Access Portal (MichiganCAP), KnowHow2GO and upcoming grant & professional development opportunities.

- **Brandy Johnson**, Director, Michigan College Access Network
- **Tom Freeland**, Supervisor, College Access & Outreach Unit, Michigan Department of Education

The Impact of CTE on Postsecondary Academic Persistence and Success

As a college participating in the Achieving the Dream initiative, Lake Michigan College is committed to using data to improve programs and services in ways that lead to increased student persistence and success. Presenters will discuss project findings and their impact on CTE as we work together to prepare students for college and careers. Data derived from the LMC study will be supported by the presentation of national data from a variety of sources. Citations will be provided as part of the presentation.

- **Deedee Stakley**, Director, Early College, Lake Michigan College
- **Dr. Brian Pyles**, Regional Director Career and Technical Education, Berrien RESA

Finding New Opportunities in the Common Core State Standards (CCSS)

The Common Core State Standards provide opportunities to refocus our attention on college and career readiness. Participants will become familiar with the ELA/Literacy CCSS and learn about resources for supporting their implementation.

- **Susan Codere**, High School Project Coordinator, MDE

Linking STEM and CTE Education in Michigan

This presentation will examine new and emerging STEM initiatives that are being linked to and promoted through Career and Technical Education (CTE) programs in Michigan. Since ninety percent of the world's STEM graduates are being educated in China and India, there is a need for dramatic action to ensure that the US does not fall further behind in promoting innovation. Several new STEM initiatives that are being linked to CTE in Michigan will be discussed. These STEM programs provide rigorous, activity-based, and real world focused experiences. Desirable outcomes include an increase in the number of students that pursue STEM majors in two and four-year programs, increased math and science achievement, and greater gender balance in these majors. Participant outcomes include: knowledge regarding implementation, maintenance, certification, and professional development requirements for these programs.

- **John Dugger**, Professor, Technology Studies, Eastern Michigan University
- **Paul Kuwik**, State Director, Project Lead The Way, Eastern Michigan University
- **Glenna Zollinger-Russell**, Supervisor, Career Planning & Ed., Office of Career and Technical Education, MDE
- **Patrica Talbott**, Consultant, Office of Career and Technical Education, MDE

Connecting Career Information with Academic Instruction

Why do I have to learn this? Why should I go to college? Teachers often don't realize how to teach students how specific skills and academic knowledge are important to students' futures. Discover simple ways to make career-relevant connections in any academic subject which take only minutes of instructional time.

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

Teaching Students to Bring Their A Game to Work

In this interactive breakout, our morning keynote speaker returns to share how educators can teach, instill, and reinforce the 7 fundamental core work ethic values that are in demand by today's employers in every job, every career, and in every industry. When students enter the workplace with an understanding of these values—knowing what it takes to 'win' in their job—their future success is secure.

- **Eric Chester**, Founder & President, Generation Why

Talent Supply Chain Management 2025 Vision

Talent development needs to become more certain, uniform, and predictable. Leading businesses have global supply chains for materials and services. It will be increasingly compelling for businesses to also have professionally managed talent supply chains. We will look at the implications of the emergence of Talent SMC on Career Technical Education.

- **Bill Guest**, President and CEO, Metrics Reporting
- **Dennis Dunlap, PhD**, Gratiot Isabella RESA

Program Evaluation Using Microsoft's MTA Certification

This session provides an overview of Microsoft's new MTA certifications for Information Technology students. The presenter will share a model for Program of Study evaluation using this third-party assessment. Sample results and implications for articulation and program review will be discussed.

- **Keith Kelly**, Faculty/Developer, Northwestern Michigan College

ProMoTED: Alternative Certification Tried and True

This program provides data to illustrate the effective andragogy (adult learning theory) on which it was developed and how that ties to the pedagogy (student learning theory) that teachers use daily in their classrooms. A review of data collected from each of the completed cohorts will be offered. This session will describe how the ProMoTED program differs from traditional teacher-training programs, identify the application of theory into practice, and describe the ProMoTED process.

- **Cheryl Thomas**, Associate Professor, Ferris State University

Session B

1:45 p.m. – 2:45 p.m.

Technical Standards Review and Revision Process - When, How, and Why

The session will provide an overview of the review and revision process currently being used to review and revise the standards for our CTE programs. Approximately ten CIP programs have gone through the revision process and another ten are currently in the process. Learn how this process impacts your program!!!

- **Katherine Manley**, Professor and Director of the Michigan Center for CTE at FSU, Ferris State University
- **Jan Vogel**, Special Projects Coordinator, Office of Career and Technical Education, MDE
- **Glenna Zollinger-Russell**, Supervisor, Career Planning & Ed., Office of Career and Technical Education, MDE

"But they take that test before we see them!" - An Update on the Michigan Merit Exam

This presentation will provide a crash course on the Michigan Merit Exam from its development to its administration. The goal will be to educate the CTE community on the MME, any updates for the 2011 MME, and to brainstorm strategies for improving the proficiency of CTE students.

- **Andrew Middlestead**, Test Development Manager, Office of Educational Assessment & Accountability, MDE

A Vision and 5-Year Strategic Plan for College and Career Preparation

Districts will learn about the process behind the development of the Ottawa Area Intermediate School District's Vision and 5-Year Strategic Plan for College and Career Preparation and the action items they will be pursuing to ensure that all students within the ISD are prepared for both college and a career.

- **Jason Pasatta**, Development Director, Career and Technical Education, Ottawa Area Intermediate School District

Student Job Fit Analysis

A better job fit eliminates or minimizes frustration. This outcome begins with self-analysis. Licensed Professional Counselors at Michigan's community colleges offer career-counseling services to their prospective student populations. Explore content of Career counseling self-assessment activities for prospective and current community college students who are preparing for education that leads to "career employment" and advancement, from the perspective of the LCC career counselor and the ASCA model for school counseling's focus on direct contact with students. Come learn how your students can benefit from this service and what you can apply to your own role with students.

- **Curlada Eure-Harris**, Lead Faculty Career Counseling/Planning, Lansing Community College

Creating a Collaborative Student Event and Shared Advisory Committee

Participants will learn how Lake Michigan College partnered with area schools to develop a local competition that allowed students to participate at a low cost. The Lake Michigan College Hospitality and Culinary Art Student Summit and Cook-off Competition was designed to provide a unique opportunity for participants to learn about local hospitality and culinary arts opportunities, exchange knowledge and ideas, demonstrate their skills through a friendly competition, and to add to their professional network. Participants will learn how a strong secondary/postsecondary partnership led to expanded professional development opportunities as well as the creation of a shared program advisory committee.

- **Deedee Stakley**, Director, Early College, Lake Michigan College
- **Chris Woodruff**, Department Chair, Hospitality, Lake Michigan College
- **Patti Kenworthy**, Culinary Art Instructor, Van Buren Technology Center

Meeting the Rigors of the Michigan Merit Curriculum in Career and Technical Education

Learn how to engage students in a contextual learning environment that stimulates both left and right hemispheres. Branch Area CTC and the Mecosta-Osceola Career Center team up to share their ELA and Math success stories that keep the integrity of CTE intact.

- **Dr. Jennifer Harrison**, CTE & MSTC Director, Mecosta-Osceola ISD
- **Mike Hoffner**, CTE Director, Branch Area ISD
- **Kevin Mills**, CTE Math Instructor, Mecosta-Osceola ISD
- **LeeAnne Nagle**, CTE, ELA Instructor, Branch Area ISD

Improving Student Literacy through CTE

Are you struggling to find ways to incorporate academics into your classes? Come learn how to seamlessly integrate reading and writing strategies into your CTE curriculum. Participants will walk away with a host of strategies that will not only boost your students' literacy but have them asking for more.

- **Kristen Maher**, English Integration Teacher, Crockett Career and Technical Center

The Center for PLM Education at Oakland University

The Center for PLM Education at Oakland University is created to provide the Michigan workforce with education pathways in the important technology of Product Lifecycle Management. It covers education in this field from the high school level up to graduate school. This session discusses the Center and its value to K-12 and Community Colleges. Those interested in STEM, 3D design, and manufacturing should attend.

- **Patrick Hillberg**, Adjunct Professor, Oakland University
- **Robert Van Til**, Professor, Oakland University
- **Mary Kaye Aukee**, Director, Career Focused Education, Oakland ISD

GETTING THEM READY-Classroom Strategies for Career and College

Come to find out how we can give our students the GREEN LIGHT to go ahead and FIND their Career Pathway and HOW to get ready for it. This presentation will focus on WHAT, HOW, and WHERE activities to help students learn about making informed career and post secondary educational choices.

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

Digital Teaching in 2011

It's time to throw away our old teaching lecture tools! No more notecards for research, chalkboard note delivery, and old fashion assessment tools! Catch up with the latest ideas in the technological teaching landscape using online research tools like the wonder wheel or clustering search engines, new ways to use video and innovative assessment and engagement. Be prepared for a different, digital and dynamic way of teaching in 2011! And everything is FREE!

- **Corinne Hoisington**, Professor, Central Virginia Community College

Supporting Green Ideas

"I'm sorry but we have to cut funding." If this sounds familiar, then this is the breakout session for you. Learn what "green" grants are available to support curriculum, programs, or building renovations. "Green" grants are not only environmentally friendly, but also help bring in the other "green" stuff too.

- **Dr. Larry Blackmer**, The Grant Writing Network
- **Gretchen Spedowske**, Project Coordinator, Ferris State University

Now Playing - FIRST Robotics Competition 2011

This session will provide an overview of the FIRST Robotics Competition and update participants on the 2011 season, which is now in progress.

- **Keith Kelly**, Faculty/Developer, Northwestern Michigan College

College With Confidence: A Holistic Approach

Because 30% of college students drop out their first year, it is essential that high school graduates develop solid career goals while preparing for college. The Van Buren Technology Center approaches this challenge holistically. This session explains our process in all facets, 8th grade to graduation, through the efforts of counselors and instructors. Participants will be given tools to implement a process by which students are empowered to explore career choices in greater depth and formulate a post-secondary plan.

- **Tim Verdries**, Graphic Arts Instructor, Van Buren Technology Center
- **Suzanne DeGraves**, Career Guidance Coordinator, Van Buren Technology Center
- **Steven Ambs**, Integrated English Instructor, Van Buren Technology Center

Networking for Programs Going Through Review and Revision

If your CIP has recently participated in the MDE Review and Revision, this session will provide you with opportunities to discuss strategies for implementing your new standards and career cluster information into your curriculum with other teachers in your content area.

- **Katherine Manley**, Professor and Director of the Michigan Center for CTE at FSU, Ferris State University
- **Jan Vogel**, Special Projects Coordinator, Office of Career and Technical Education, MDE

No-Cost, Reliable Resources in the Michigan eLibrary Just for CTE Educators!

CTE Educators will find vetted no-cost resources to help their students in the Michigan eLibrary (<http://mel.org>). This session will showcase appropriate MeL databases of particular use in Career and Technical Education with a special emphasis on practice tests, tutorials, and the job search.

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

Character Counts

The presentation focuses on the use of Character Counts as a tool for classroom management. The six pillars of character are foundational to establishing the professional work skills that will lead to success. By teaching, enforcing, advocating, and modeling the six pillars, students learn to guide themselves through difficult situations. The students focus their attention as much on behavior as they do any other measure of success. Being a team player and leader who is trustworthy, respectful, responsible, fair, caring and a good citizen, makes for not only a good student, but also a good employee, boss, and person.

- **Rafael Diaz**, Public Safety Officer, Kalamazoo Dept. of Public Safety/Kalamazoo Regional Educational Service Agency

Meeting the Educational Needs of Unaccompanied Homeless Youth

“Unaccompanied homeless youth” are youth not living with a legal parent or guardian. These students' unique needs pose challenges for educators. We will cover the educational rights of these students; strategies/resources for their identification, enrollment, and academic success; and Michigan programs that support unaccompanied youth in school and post-secondary education.

- **Pam Kies-Lowe**, State Coordinator for Homeless Education/Homeless Education Consultant, MDE
- **H. E. Buzz Calvert**, Career Education/Homeless Education Grant Coordinator, Berrien RESA

Put the “T” in Your STEM Education Program

Cisco Networking Academy provides comprehensive coursework to teach the “T” in STEM Education. The program supports increased student engagement, 21st century career skills, and enhanced teacher expertise. The on-line curriculum, tools, and assessments are provided free-of-charge. This presentation will demonstrate how Cisco Networking Academy can be used to help students be more effective in the 21st Century Workforce. Come see a full demo of the materials, including the new entrepreneurship game, *Aspire*.

- **Elaine Horn**, Cisco Academy Director, Cisco Networking Academy
- **Greg Smith**, Area Academy Manager, Cisco Networking Academy

Managing the Articulation Process

Use electronic submission to process articulated credit, manage student information, and acquire signatures and approvals. Make student data accessible through a web-based information system. The CATEMA® system allows access to teachers, counselors, coordinators, advisors, registrars, students, and other administrators at both secondary and post-secondary levels.

- **Aveia Morris**, Tech Prep Coordinator, Washtenaw Community College

CTE Teacher Evaluation

Presentation of a model for CTE teacher evaluation that uses multiple existing types of data.

- **Mike Hoffner**, Director, Branch Area Careers Center

Elementary Explorer Day

In an effort to encourage Elementary students to learn more about careers, Career Preparation Services invited local elementary schools to an "Elementary Explorer Day" at the LISD TECH Center. During their visit, the elementary students worked with the TECH Center students to complete a project designed to teach the students about typical activities in the careers represented in the program. Come learn how to begin career awareness at the elementary level with examples of planning materials and sample projects.

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

CTE's Role in Meeting Michigan's Forgotten Middle Skill Jobs

In 2009, The Workforce Alliance issued its report titled "Michigan's Forgotten Middle-Skill Jobs." There is not one word about our CTE programs playing a role in meeting the need. This session reviews the report and suggests ways to make Michigan CTE a recognized player in supplying workers for these jobs.

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

HOW TO: Annual Authorization to Occupational Certification

This presentation will discuss how to meet the requirements for Occupational Certification. Particular attention will be focused on how to move from annual authorization to the interim Occupational Certificate. The requirements for the Teacher Cadet endorsement will also be discussed.

- **Geralyn Stephens**, Assistant Professor, Wayne State University

Ready to Roll to Office 2010

Let's kick it up to the next level with the next version of Office. See for yourself the rich and powerful new ways to deliver your best work - whether you're on a computer on campus or at home, Web Browser, or Smartphone with Office. Wait until the students see the new enhanced tools like the backstage area, screen clipping tool, the slicer, customizable templates, and photo editing capabilities well beyond the last version. Finally we can teach a real work environment that allows multiple people from different locations to work together at the exact same time using new collaboration capabilities. And wait until you see a free lightweight version of Office 2010 for free at Windows Live.

- **Corinne Hoisington**, Professor, Central Virginia Community College

Business, Management, and Administration Program Assessments

Implementing the technical skill assessment for Business, Management, and Administration programs. (CIP 52.0299)

- **Norma R. Tims**, Consultant, Office of Career and Technical Education, MDE

Clash! Bang! Boom! A Collaborative Approach to Academic Integration

Explore curriculum integration ideas that seamlessly incorporate State Standards for English Language Arts into Career and Technical Education. We will demonstrate how our "clash" of ideas hit the bullseye (bang) delivering rigorous and relevant content to students while tearing down the walls (boom) between academic and technical instructors.

- **Janie Lesinski**, English Language Arts Instructor, Traverse Bay Area ISD Career-Tech Center
- **Julie Gauthier**, 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

Preparing Your Students for Careers in Energy

Where are all the future energy workers going to come from after massive retirements start taking place? Find out how to prepare your students for these careers around the world and what they will need to do to pass pre-employment screening. This session will cover ideas on how to get young people interested in the energy industry, pre-employment requirements, the type of training required, and where to find these careers.

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

Tuesday, February 1

7:00 a.m. - 11:30 a.m.	Registration/Information.....	Crown Foyer
7:00 a.m. - 8:00 a.m.	Breakfast Buffet	Ambassador Ballroom
11:30 a.m. - 1:15 p.m.	Lunch, Awards Ceremony.....	Ambassador Ballroom

Session D

8:00 a.m. – 9:00 a.m.

Design, Produce, and Market REAL Products--Collaborate for Student Success

Learn how we developed a unique approach to entrepreneurship education. Four Career Center programs are collaborating to design, produce, and market our popular products. Additionally, we are working with our special populations to pulverize and sell new "GREEN" glass products. We will share our successful strategies and provide many tips.

- **Randy Tower**, Instructor, Newaygo County Career-Tech Center
- **Kirk Wyers**, Director of Career & Technical Educational Services, Newaygo County RESA
- **Kyle Morrison**, Career Placement Coordinator, Newaygo County Career-Tech Center
- **Allen Wilson**, Counselor, SCORE

Prepared Students Produced for Prepared Partners

By correlating our articulation partners' course outcomes with LISD TECH Center program task lists (technical skills), we produce an "Articulated Transcript" that defines student technical skill attainment aligned to academic proficiency. Attendees will be presented with specific secondary and post-secondary curriculum documents that align attained technical skills to each student's academic proficiency. Presenters will share documents and discuss challenges and successes.

- **Leslie Coates**, Academic Consultant - LISD TECH Center, Lenawee ISD
- **Richard Wilkins**, Academic Consultant - LISD TECH Center, Lenawee ISD
- **Hallie Snyder**, Assistant Principal - Curriculum & Instruction, LISD TECH Center, Lenawee ISD
- **Cheryl DeGroot**, Coordinator of Occupational Grants & Program Planning, Jackson Community College

Promoted: A Unique Route to CTE Teacher Certification through Cohort Development

Pro-Mo-TED: Professional Modularized Teacher Education at Ferris State University is in its fourth year of linking future CTE instructors to the classroom. Information will be presented on the program and the application process along with feedback from the current Promoted Cohort.

- **Mike Ennis**, Associate Professor, Ferris State University
- **Lisa Besemer**, Voc. Authorization Officer, Ferris State University

Interactive Life Planning for Students

MyDreamExplorer® is a career information delivery system that counselors and staff can use to help students evaluate their interests through a collection of interactive modules. This system is provided free of charge to K-12 schools in Michigan and satisfies EDP requirements. This session will demonstrate some of the features of this redesigned system along with discussion about newly developed lesson plans designed to build background knowledge, evoke critical thinking, and empower students to be responsible for ongoing career and life development.

- **Tracy Miller**, myDreamExplorer Consultant, Greater Than One Services
- **Karen Owen**, Customer Support, Michigan Virtual University

Navigating Navigator

Navigator is the electronic web portal that houses all of Michigan's CTE standards, segments, and academic alignment data. The database also contains options for teachers to create and store lesson plans, presentations, and graphics. Learn the secrets of Navigating Navigator!!

- **Tina Koepf**, Research Coordinator, Michigan Center for CTE
- **Kimberly Ducat**, Project Coordinator, Michigan Center for CTE

Going Online with Your CTE Courses

Online learning is becoming an alternative delivery method and Oakland County CTE Teachers are sharing their online courses developed through a Professional Development series for CTE instructors. This series is done in collaboration with Mississippi State University and Oakland Schools CFE that results in a Certification of Online Learning (C.O.O.L.). This session will demonstrate best practice teaching and learning for CTE courses in an online environment, traditional CTE courses in an online setting, and a hybrid/blended 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
- **Tom Mavis**, Teacher, Rochester School District
- **Esperanza Harrington**, Teacher, Pontiac School District

Effective Program Management to Support Regional CTE Needs

The LISD TECH Center Program Annual Review (PAR) process has been recognized as an effective program management tool used to support regional CTE needs. The LISD TECH Center Program Annual Review (PAR) process, which is completed annually, illustrates where each LISD TECH Center program has been, where the program stands today, and where the program is headed in the future.

- **Ryan Rowe**, Principal-LISD TECH Center, Lenawee ISD

Linkeage to Leadership: Postsecondary Partnership Cafe

Region 7 collaborates on delivering their student leadership training and shares resources in an end-of-year culminating Regional multi-Pathway competitive event. Learn ways to maximize post-secondary partnerships and help students gain the full benefits of participating in regional curriculum-based leadership competitive events. Participants will be fully engaged in the learning process.

- **Dr. Jennifer Harrison**, CTE & MSTC Director, Mecosta-Osceola ISD
- **Gretchen Spedowski**, MBA, Office of Academic Affairs, Ferris State University

Open discussion on future careers in STEM

Moving forward toward viable secondary instructional programs in STEM.

- **Patty Cantu**, Director, Office of Career and Technical Education, MDE
- **Glenna Zollinger-Russell**, Supervisor, Office of Career and Technical Education, MDE
- **Patricia Talbott**, Consultant, Office of Career and Technical Education, MDE
- **Michelle Mueller**, Dean of Workforce Development, St. Clair County Community College
- **Al Lecz**, Regional Director and Consultant, Oakland Community College

The "New" 13.0000 Education General Programs: What you need to know.

Information for administrators and teachers interested in 13.0000 Teacher Education Programs, including discussion of implications for 19.0700 programs merging into 13.0000 programs.

- **Norma R. Tims**, Consultant, Office of Career and Technical Education, MDE

"Let's Be Serious! Can I Really Deliver ELA and Math Instruction in my CTE Program?"

How often have CTE instructors said, "You can't be serious! I can't deliver ELA and math in my program without it taking away from my technical material."? CTE and academic instructors invite you to come and listen to how they deliver ELA and math together without jeopardizing the technical content.

- **Jennifer Stairs**, English Teacher, Traverse Bay Area ISD Career-Tech Center
- **Jim Wrede**, Automotive Technology Instructor, TBAISD Career-Tech Center
- **Karen Shoskey**, Math Teacher, TBAISD Career-Tech Center
- **Rick Mathis**, Power Equipment Technology Instructor, TBAISD Career-Tech Center

Games, Fun & Computer Science

This workshop will focus on a brand new course experiment taking place in Westland, MI. Students are actively learning "real" programming & problem solving skills while writing and editing code and developing games, from editing a simple "Pong" program to programming with Flash. Programming tools include: javascript, actionscript 3 & Flash, Game Maker 8, and Unity3d. This workshop will share philosophy, resources, and examples of tests and quizzes.

- **JC Irvine**, Instructor, Wayne-Westland Schools

Session E

9:15 a.m. – 10:15 a.m.

Tic-Tac-Toe to Student Success, Certification and College Credit

Chef Corbett Day, instructor of the Hospitality and Culinary Arts program at the LISD TECH Center knows how to use available resources to make his program and his students the best they can be. His students regularly receive state and national recognition for excellence in their field. Over 90% of his students pass the nation's most challenging certification exam in their industry, earning them articulated college credit and making them sought after by industry professionals. Chef Day's strategies for success can be used in any CTE program. In this workshop you will learn how to build teams inside and outside the classroom and prepare your students for certification while teaching them the skills necessary to pursue a career in your industry.

- **Corbett Day**, Hospitality & Culinary Arts Instructor, Lenawee ISD
- **Julie Ross**, Assistive Technology/Classroom Systems Specialist, Lenawee ISD
- **Leslie Coates**, Academic Consultant, Lenawee ISD

HOT & NOW: How MCPA can help you save your full FTE.

A must see presentation for all administrators and Work-Based Learning educators. Find out how MCPA can help you save your FULL FTE by learning the latest updates regarding state rules and regulations with Work-Based Learning. Brought to you by the Michigan Career Placement Association.

- **Sasamon Parker**, Placement Specialist, Muskegon Area Career Tech Center
- **Wayne Borr**, Director of Career and Technical Education/MCPA President Elect, Niles Community Schools
- **Diana Bailey**, Program and Placement Specialist, Michigan Department of Education
- **Spike Fuehr**, Co-Op Coordinator/MCPA Past President, Fowlerville High School
- **Kyle Morrison**, Career Placement Coordinator, Newaygo County RESA

The Sustainable Energy Education and Training (SEET) Project

This presentation will explain the Sustainable Energy Education and Training (SEET) Project. The SEET project provides professional development training for upper level high school and community college technology instructors. Training focuses on the areas of sustainable energy and energy efficiency. Win a free Kid Wind ALTurbine.

- **Kenneth Flowers**, Department Chair, Technologies, Lake Michigan College
- **Steven Karsten**, Energy Production Technology Instructor, Lake Michigan College

Programs of Study: Determine Your Destiny By Choice NOT Chance!

Discover how Programs of Study align students' career paths through secondary, post-secondary, and industry partnerships utilizing Career Cruising's easy-to-use course planning interface which provides automatic selection, validation, cluster interest tracking, and focus on long-term planning. This interface provides flexibility to accommodate programs such as tech prep, dual credit, and more!

- **Jenny Griffith**, Oakland Community College (Tech Prep CIS Secondary Liaison), Walled Lake Consolidated School District (CTE Coordinator)
- **Deb LaMothe**, Oakland Schools ISD (Curriculum, Instruction and Assessment Coordinator), Oakland Schools ISD

Motivation Matters

Recent legislation, higher standards, and well-designed curriculum and instruction cannot be successful unless students are engaged and motivated. Learn how to create a culture of achievement through the use of various classroom tools and techniques that will build on your students' drive to succeed.

- **Katherine Manley**, Professor and Director of the Michigan Center for CTE at FSU, Ferris State University

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

Learn about the key features of QuadNet, NOCTI's online system, including secure online testing, special population accommodations, data exports, and management tools. Discuss using data for improvement. Attendees will leave the session armed with information about valuable resources.

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

eLearning Applications and Effectiveness

eLearning provides a significant opportunity as students and developers engage technology. Motivation and economics are practical considerations in the process of education as technology options increase. The presentation will include survey results of instructors related to one model of eLearning.

- **Rod Boyes**, President, Today's Class (Melior, Inc.)
- **Tom Lowe**, Instructor, Careerline

Mechatronics: The ABC's of Technology

Mechatronics is described as the synergy required between mechanical, electrical, and computer control engineering for advanced manufacturing. Mechatronics contains the prerequisite skills required to become a machine operator, a solar installer, or a maintenance technician. This presentation will provide an overview of Mechatronics as seen from the perspective of the employer, community college, and high school in Macomb County. A panel discussion will provide implementation strategies that tie high school and career center programs to community college programs and to the workplace.

- **Peter Klein**, Associate Dean of Engineering Technology, Macomb Community College
- **Scott Palmer**, Program Director, Center for Science and Industry, Utica Community Schools

Transportation and Civil Engineering (TRAC) Program

The TRAC program is a free hands-on education program designed for use in science, math, and social science classes. The Michigan Department of Transportation will provide free training, modules, and consumable materials. The TRAC activities have also been aligned with the Michigan Education Standards. Attendees will have the opportunity to use the Bridge Builder and Motion Module.

- **Janice Pohl**, Michigan TRAC Program Manager, Michigan Department of Transportation
- **Justin Droste**, TRAC University Coordinator, Michigan Department of Transportation

A Successful Student Services Delivery Model

Budget cuts! Retirement! What to do? Four years ago we were faced with 70% of our staff in new positions. We spent time looking at what we thought would result in the greatest student success. We came up with Student Service Coordinator positions. Three years later our data is showing positive results. A power point and panel discussion.

- **MaryEllen Brocklehurst**, Student Service Coordinator, Eaton ISD Career Prep Center
- **Marina McCullen**, Student Services Coordinator, Eaton ISD Career Preparation Center
- **Cathie Ott**, Student Service Coordinator, Eaton ISD Career Prep Center

New Online Support for Academic and CTE Integration

This presentation will provide an overview of new online resources that are available for CTE instructors to use when integrating academic content in the curriculum.

- **Mike Ennis**, Associate Professor, Ferris State University
- **Randy Showerman**, Michigan State University

Post-testing Enables Seniors to Upgrade Their CRC Certificates

Branch Area Careers Center and St. Clair Technical Education center have been able to significantly improve students' performance on WorkKeys and levels of Career Readiness Certificates earned. Come and see how these results are achieved.

- **Pat Yanik**, Director of Career and Technical Education, St. Clair Technical Education Center
- **Mike Hoffner**, Director, Branch ISD

Session F

10:30 a.m. – 11:30 a.m.

Is PrintED Accreditation Right for You?

PrintED is a national accreditation program based on industry standards for graphic communications courses of study at the secondary and post-secondary levels. This presentation will summarize the process and benefits of achieving PrintED accreditation. A portion of the presentation will provide information on the PrintED/SkillsUSA Skill Connect Assessments.

- **Michael Stinnett**, PrintED Evaluation Team Leader, Graphic Arts Education and Research Foundation

Implementing Career Cluster Explorations

Learn how to implement Career Cluster Exploration with multimedia curriculum. Featuring the use of DVDs, Powerpoint presentations, and interactive lesson plans, learn how to create a virtual forum for students to discuss, explore, and understand the vast career choices available to them, creating the optimum opportunity to properly decide which cluster and pathway might be right for their future.

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

Autodesk in Education and in the Workforce

Autodesk design software, curricula, and teaching resources support the advancement of design and engineering education. Autodesk provides the technology and tools that support industry trends practiced by professionals around the world, such as Digital Prototyping, Building Information Modeling (BIM), Digital Entertainment Creation, sustainable design, and interdisciplinary collaboration. Autodesk partners with academic leaders and institutions to help improve the educational experience and prepare students for successful careers in architecture, engineering, and digital arts. Come learn how their resources may benefit your program!

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

Do You Assess the Academics Embedded in Your CTE Program?

One difficulty of academic inclusion in CTE is proving academic competency of students. GASC Technology Center has pioneered assessments. Twenty one school districts offer credit from the GASC programs in Math, ELA, Science, and VPAA. Assessment of learning will be highlighted, as will the process of acceptance. Experience this unique system and resources.

- **Carol Clark**, Platform Facilitator, Genesee Area Skill Center - Technology Center
- **Elizabeth Blomquist**, Math Infusion Specialist, GASC Technology Center
- **Holly Gates-Avery**, English Language Arts Infusion Specialist, GASC Technology Center

Goin' Mobile

We look at instructors who offer their own CTE standardize curriculum to the site to share with others both in and out of the classroom. This series shows podcasts that explore the future of “mobilizing public education” to get aboard the range of courseware offerings and techniques of usage.

- **Joel Milinsky**, MI Learning -Workforce and Career Development on iTunes U, MACUL

Introduction to New CDX Diesel Online Elearning Curriculum

Learn about the brand new CDX Diesel Online E-learning Curriculum. This online curriculum is a ground-breaking release for schools with Diesel programs within Automotive.

- **Kenneth Miller**, Learning Consultant, CDX Automotive

Round Table Discussion: Encouraging Secondary Students to Take Advantage of Articulated Credit Opportunities

There are many articulation agreements between community colleges and secondary schools. Unfortunately, far too few students take advantage of their articulated credit opportunities. Come brainstorm with your colleagues on how to encourage students to take advantage of the articulated credit opportunities that we have worked so hard to provide them. Discussion will be facilitated by representatives from secondary and postsecondary education who work to establish articulation agreements.

- **Leslie Kellogg**, Coordinator, Henry Ford Community College
- **Carole Jones**, Secondary Articulation Manager, Henry Ford Community College
- **Halyna Bialczyk, Ed.D.**, CTE Consultant and CEPD 42 CTE Regional Administrator, Wayne RESA

Changing the Game: Teaching Environmental Sustainability at a Community College

Teaching environmental sustainability requires delving into ecology, design, and economics. But the game changing topics for students are ethics, social justice, and even spirituality. Wayne County Community College District has been running a program in Sustainable Building and Sites for two years. This workshop explores the program and its development.

- **Frank Dunbar**, Campus Chief Academic Officer, Wayne County Community College District

Welcome to the Real World; Business Partnerships

A PowerPoint presentation will be used to show “real world” projects that students in a career center completed within the center (between programs) and in the community. It will also cover partnerships with local Work Force Development Councils which provide some of the projects. Learn how these projects were acquired and what these partnerships can provide to your students.

- **Mary Ellen Brocklehurst**, Student Services Coordinator, Eaton ISD Career Preparation Center
- **Cathie Ott**, Student Services Coordinator, Eaton ISD Career Preparation Center

Automotive Training with M.I.T. (Megatech Interactive Training, that is)

Start automotive training with interactive computer software that engages students to learn fundamentals in all eight instructional areas recognized by NATEF. There are more than 4,500 multimedia learning screens with voiceover and text can help students with reading concerns, integrated math and science concepts. The on-line version qualifies for NATEF’s new E-Learning guidelines. Come learn how E-Learning can enhance instruction and provide for additional hours toward national program certification (NATEF).

- **Skip Saurman**, Education Consultant, Megatech Corporation

When the BioMass hits the Wind Turbine

Over the next few years our society will undergo changes not seen since the advent of the micro-chip and the personal computer. We are (whether we want to or not) quickly entering the post fossil-fuel economy. And like computers - this shift to green technologies will integrate into nearly every discipline. So how do we prepare our students (and our schools) for this impending tsunami - especially when we don't understand it ourselves? Join Jay Warmke in this unique (and fun) opportunity to glimpse into the not-too-distant future. You will not only get a better understanding of the wave that is coming, but come away with some practical ideas of how to prepare for the new realities that it will bring ashore.

- **Jay Warmke**, Owner, Blue Rock Station