



STATE OF MICHIGAN
DEPARTMENT OF EDUCATION
LANSING

RICK SNYDER
GOVERNOR

MICHAEL P. FLANAGAN
STATE SUPERINTENDENT

March 2013



Informational Update

All Informational Updates, with attachments, can be found on our website: www.michigan.gov/octe

Greetings from Patty Cantú:

Hello Everyone,

By now you will have received information on the impact of the sequestration cuts to Perkins. Keep in mind that these are **preliminary** cuts and **not final**. The cuts to Michigan may go up (hopefully, but unlikely) or may go down. Although these cuts make a fraction of a dent in the national debt, they have the potential to greatly impact employment, programs, student support, and other critical activities. This is a difficult time for states and all federally funded education programs. Attached is a letter from Secretary Duncan to Governor Snyder for your information.

I trust that you will call if you have questions or concerns. Please know that as I receive information from OVAE or NASDCTEc, I will forward it to all of you.

Technical Skills Assessments

Attached is a document that addresses *Which Students Must Be Assessed and When*.

Professional Development

Counselor and Administrator Update

There is no industry more important to our communities and country than the agriculture, food and natural resources industry. Agriculture is the nations largest employer with more than 23 million Americas involved in some facet. This is the second largest industry in the state and the fast growing sector. There are more job opportunities in the industry than qualified individuals.

The Michigan Agri-Business Association, Greenstone Farm Credit, Michigan Department of Education, and Michigan State University are partnering to sponsor seven "free" workshops between March 11 and April 22 for counselors and school administrators. The workshops will update participates on career opportunities and the educational pathway to them.

Please share the attached flyer with individuals who may be interested.

SEEC Conference

Please see the attached "Save the Date" card for the 2013 Secondary Educators for Early Childhood Conference.

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Cooking and Related Culinary Arts-12.0500 (formerly 12.9999) Save the Date!

The Michigan Restaurant Association (Pro Start) is working with the Office of Career and Technical Education to release the revised 12.0500 standards during the August ProStart Roundtables Conference on August 19-20, 2013. The conference will be held in Grand Rapids and details may be found on the MRA website. This is a teacher centered workshop and is open to **all** instructors teaching in state-approved 12.9999 programs regardless of their involvement in Pro Start competitions. Best practice states that professional development needs to be a targeted and sustained effort. Therefore, we are seeking your assistance in encouraging instructors to participate. Questions should be directed to the Program Consultant, Denise Teague at Teagued@michigan.gov.

Automotive Instructor Workshops

Attached please find the agenda/invitation for the upcoming Automotive Instructors Workshops being held on April 9 at Delta College and April 10 at Macomb Community College. Each is an all day event, with one general update session in the morning and two breakout sessions in the afternoon, a technical breakout for instructors, and another session for administrators who would like to attend. The morning sessions will consist of updates from General Motors, ASE, NATEF, AYES, and the Michigan Department of Education.

9th Annual MI NCRC Advocates Conference - "Changing Lives, Building a Workforce"

Macomb Community College South Campus, K-Bldg., Room 301
8 a.m. - 3 p.m. Thursday, April 25, 2013

Please join us and contribute to the discussion—with others from community colleges, business, workforce training systems and K-12. Let's take action and address solutions for three types of persistent gaps:

- The Skills Gap
- The Degree Gap
- The Planning Gap

We look forward to a productive one-day conference beginning with a keynote address and call to action by Dr. James Jacobs, Macomb Community College President, followed by a panel of state and national workforce experts. Join us for a day filled with valuable conversations and networking with colleagues. [Please click here to register or for more information.](#)

Student Spotlight

Looking for ways to promote your CTE programs? Listen in to these local radio interviews shared by Mike Hoffner of Branch Area Careers Center: Bailey Miller, audio file attached and Jordan Dieterle at: <http://wtvbam.com/podcasts/delaney-morning/jordan-dieterle-branch-area-careers-center-spotlig/>

SkillsUSA

SkillsUSA state officers performed community service this past summer at the Giving Tree Farm in Lansing. An article was published in the national magazine, SkillsUSA Champions. The article and picture is on page 17. Please go to: <http://www.skillsusa.org/champions/spring13.shtml>.

Awards

Cheryl Peters, Executive Director of the Generation E Institute (GenEI) in Battle Creek, Michigan for the past nine years, received The Outstanding Entrepreneurship Educator award recently at the National Entrepreneurship Education FORUM in Atlanta, Georgia. Please see attached press release.

Personal Curriculum Update

As Michigan strives to ensure that all students are career and college ready, the requirements of the Michigan Merit Curriculum may need to be modified to meet the potential of every student. The purpose of this informational memo is to recap the personal curriculum (PC) as well as to give you some important information and resources to assist in implementation.

If you are not already a member of *The Personal Curriculum Network: A Collaboration Network for Michigan's Personal Curriculum Liaisons*, please use the invitation link below to join. This network currently maintains over

600 members and is a great resource for the latest MDE guidance, upcoming events and webinars, as well as providing links to outside sites. The next two webinars offered through the Personal Curriculum Network will be in January 2013 and March 2013. Details and login information for the webinars will also be available on the site. <http://personalcurriculum.ning.com/?xgi=2YPiF8JKODO7Ba>

In July 2012 MDE released a memorandum regarding the PC; the memo linked below will provide PC basics as well as provide links to various guidance documents and informational sites. http://www.michigan.gov/documents/mde/PC_Update_392082_7.pdf

Moving into the future we are hoping to increase awareness of the appropriate use of the personal curriculum across the state, giving more students the opportunity to individualize the rigor and relevance of the Michigan Merit Curriculum.

Questions regarding the PC are welcomed and should be directed to Rashell Bowerman, Office of Education Improvement and Innovation, at bowermanr1@michigan.gov or directly at (517)335-3062. For further information on the Personal Curriculum you can also visit the MDE web page at http://www.michigan.gov/mde/0,1607,7-140-6530_30334_49879---,00.html.

From USED

There is a profile on Alexis Herman in the DOL newsletter, http://www.dol.gov/_sec/newsletter/, which you may find interesting.

Resources

The Society of Manufacturing Engineers has released a white paper titled "Workforce Imperative: A Manufacturing Education Strategy". Visit the website: www.sme.org/WorkforceImperative You will be able to read about past media publications on this topic. The white paper is attached for your information.

Please go to: <http://www.freep.com/apps/pbcs.dll/article?AID=/201302180300/OPINION05/302180009>. To view an article on the need for STEM education.

Workforce Data Podcasts Now Available

If you've ever wanted to better understand how to interpret and use the vast set of data produced by the Department of Labor, now you can. The Employment and Training Administration has just issued six new *Quick-Lesson Podcasts* to help individuals find and use workforce statistics on unemployment, worker dislocation, projections, industries, the economy, and states and localities. The podcasts presume no previous subject matter or statistical knowledge, making it accessible for a broad variety of audiences and purposes. Each presentation includes basic definitions, a brief historical background, links to the most important data sources, and practical tips on how to interpret and use the data. Transcripts of the podcasts are also available on the website. [Listen to the Podcasts](#)

Michigan Manufacturing Technology Center

A \$1.1 million U.S. Department of Commerce grant was recently awarded to the Michigan Manufacturing Technology Center to fund its operations across Michigan for the coming year. The center is headquartered in Plymouth with affiliate offices in Grand Rapids, Saginaw, Traverse City, and its office at Northern Initiatives in Marquette.

The Michigan Manufacturing Technology Center is helping small and medium-sized manufacturers across our state make new cutting-edge products and create high-tech jobs. Across Michigan, the center represents roughly 13,600 small manufacturers. In the U.P., the center, through Northern Initiatives, is associated with about 400 small manufacturers with woodworking the largest industry. Northern Initiatives, is a private non-profit community development corporation, which partners with Northern Michigan University and Michigan Manufacturing Technology Center.

School administrators interested in offering Manufacturing, especially Woodworking programs, may want to contact Michigan Manufacturing Technology Center, to see if they are interested in building a collaborative relationship with educators; i.e. advisory committees, apprenticeships, job shadowing, internships, and student

employment after graduation. For additional information about the technology center, please visit their website at: www.mmtc.org.

\$750 Million Natural Gas-Fired Power Plant

Consumers Energy will be building a \$750 Million Natural Gas-Fired Power Plant on 272 acres in northern Genesee County. Construction on the 700 MW combined cycle power plant in Thetford Township is slated to start in 2015 and finish in 2017. The construction will create an estimated 600 jobs for workers, including skilled trades, and another 30 permanent jobs once the facility is up and running. For additional details, go to: http://www.mlive.com/business/midmichigan/index.ssf/2012/12/consumers_energy_announces_pla.html#incart_river_default.

Scholarship and Funding Opportunities

Please go to: <http://www.ncpn.info/award-info.php> to learn more about the Career Pathways Partnership Excellence Award. This year [Kuder, Inc.](#) will sponsor the award, which emphasizes the importance of career guidance and advising, professional development for educators and employers, and the employer role in providing work-based learning opportunities for students. Awards will be presented to three exemplary partnerships at the [National Career Pathways Network \(NCPN\) Conference in San Antonio, October 14–15](#). *Be sure to apply by April 30.*

From Integrated Systems Technology (Information provided as a courtesy only. MDE/OCTE does not endorse any vendors or programs).

Our company did exhibit at the MI CTE Conference and received great feedback on our program offerings. I have summarized our program offerings for your review. I look forward to your feedback.

The first is NAO Humanoid Robot

NAO is used at over 3,200 schools worldwide in K-12 and post secondary markets and was recently voted "best robot in education" by Carnegie Mellon University! Our robotics platform is suitable in many departments some of which include CIS, Robotics, Engineering, Special Education and other research surrounding humanoid/robotics interaction. See NAO Next Gen: <http://www.youtube.com/user/aldebaranrobotics#p/u/0/nNbj2G3GmAo> and clip on autism work: <https://www.youtube.com/watch?v=EPSgZMuX78>

NAO is fully programmable through C++, Python, Java, .Net, and URBI and has audio and video recognition. NAO can walk, talk, dance, grab objects, play music, detect faces and colors as well as objects, and video/camera capability. Our kits are equipped with a software kit and curriculum options for the all K-12 Levels. A document for Grant Funding Opportunities that fit perfectly with NAO and our curriculum is attached.

FANUC Certification Program

The industrial robot market continues to grow each year which means thousands of robots are being installed in companies across the country and around the world. Demand for high paying careers related to designing, implementing, and using industrial robots will continue to grow. As a result, FANUC Robotics launched the CERT program to bring awareness and training to the education community about the use of robots in advanced manufacturing. Here is how it works.

The school would purchase our CERT training package and send an instructor to the FANUC training facility in Rochester Hills, MI for a 32 hour course. Once the course is completed, the instructor would test for certification prior to leaving training. After that, the district would be a training partner of FANUC robotics and would be able to pass certification on to students. We provide the district with an actual industry robot along with simulation software (for offline programming) along with the curriculum that is needed to teach robot programming and operation. These jobs are in great need, especially since FANUC is the leading provider of robots with over 150,000 of them used currently in North America alone. A robot programmer typically makes between 40-60K per year. This program is suited for students in the Robotics / Engineering or Vo-Tech type course offerings.