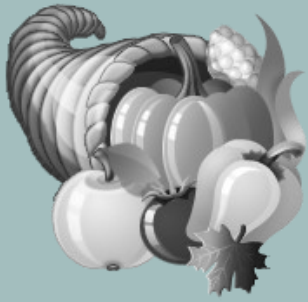


MCLEAN-DEWITT REGIONAL VOCATIONAL SYSTEM
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Career & Technical News

FALL 2011

Updates from the McLean DeWitt Regional Vocational System

There are several items on the burners that I have shared to different groups at different times, but want to again make you aware and provide you with a brief update. The Elementary and Secondary Education Act (No Child Left Behind) is in the process of being reworked. Senator Harkin (Iowa) has introduced a bill to revise the legislation. CTE, in the form of STEM (Science, Technology, Engineering, and Math) is given time in the bill with the following four goals: 1) Improving instruction in STEM subjects through grade 12, 2) Improving student engagement in and their access to STEM courses, 3) Improving the quality of STEM teachers by recruiting and training new teachers as well as improving existing teachers, and 4) Closing the achievement gap between minority and white students and preparing more students for college in STEM subjects. STEM education being mentioned in the bill is seen as positive.

In addition, the Federal Perkins legislation continues to be debated at the national level. This past year, as you recall, Perkins was one (of many) areas that received reduced funding levels, with the elimination of the Tech Prep grant and a general reduction of the grant dollars flowed to the states. Congress and the President continue to debate Perkins funding for the future, with some campaigning for level funding and others seeking as much as a 20 percent cut to the funds. This is important legislation that affects CTE at the local, state, and national level for high school students and programs. Recently the state of Illinois announced that their 2011-12 funds were further decreased by 1.5 percent for this current year. Legislative updates can be found at the Association for Career and Technical Education website (<http://www.acteonline.org/>).

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5th Annual Career & Technical Education Festival

Today's Student...Tomorrow's Professional

On Thursday, November 3rd, 2011, the Bloomington Area Career Center and the McLean County Community COMPACT will host its 5th Annual Career & Technical Education (CTE) Festival at the Interstate Center in Bloomington, IL. The CTE Festival is a two-part all day event.

The Career Expo portion of the festival is attended by over 1500 8th grade students from 12 different schools from McLean/DeWitt counties. The students will take part in educational and interactive activities from vendors and will network with representatives from community organizations, businesses and colleges as well as the students and instructors from BACC programs. This takes place from 8:45am – 2:15pm.

The Community Open House portion of the festival is attended by high school students and their parents and gives them the chance to meet with BACC program instructors as well as business & college representatives. This takes place from 6:00pm – 7:30pm.

For more information on this event or to reserve your booth space, please feel free to contact Mr. Edwin Sargent at (309) 829-8671 x5163 or email sargente@district87.org.



BACC Civil Engineering Students Involved in Community Projects

Mr. Mark Anderson's Civil Engineering and Architecture (CEA) students have been working on community projects, while applying concepts learned in their Bloomington Area Career Center (BACC) class. Mr. Anderson again has involved the business community and engineering and architecture professionals to allow students to apply their learning, while also practicing communication and presentation skills. All of the CEA projects are coached or assisted by local building professionals.

Community projects currently being worked on are as follows:



Two Blokes and a Bus--Mr. Steffen Block, local restaurateur has purchased a double-decker bus from London, with plans to make it into a food truck or restaurant. Students are coming up with 3-D design concepts for the kitchen and seating of the bus!

Stevenson Elementary School Library--Stevenson Elementary School (District 87) wants to update the Computer lab in their library. Their plan is to add more computers and have the students all facing the same way. Students have just sent the 3-D drawings to Stevenson to be reviewed by their library committee.

Uptown Normal Phase One--Located in the center of Uptown Normal there exists an incomplete building foundation. Students in CEA are designing space in this foundation/building.

Workout Facility--Students are designing a free-weight workout facility, to be built ground-up on an existing lot or as a renovation project within an existing building. The owner is eyeing a 5000 sq. ft. layout.

BACC is housed at Bloomington High School and works with over 440 juniors and seniors from 14 school districts, providing students with training in specific Career and Technical Education courses, including Automotive Technology, Construction Trades, Cosmetology, Criminal Justice and Law Enforcement, Culinary Arts, Digital Media, Early Childhood Education, EMT-Basic, Fire Science, and Health Occupations. Many of these courses currently offer dual credit and/or industry-recognized credentials.

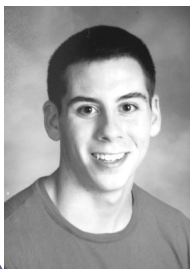
BACC STUDENTS CHOSEN FOR NORMAL ROTARY

The Normal Rotary invites the Bloomington Area Career Center to be represented as guests in their monthly luncheon meetings. The BACC students who are chosen exhibit citizenship, leadership, participation, and scholarship in their BACC program. Students chosen will represent the BACC for the months of September, 2011 through April, 2012. The students listed below will represent the months of September, October and November. At the end of the school year, the Normal Rotary will choose one of the monthly representatives to receive a \$500 scholarship. This will be presented at the BACC "Evening of Recognition" to be held on Thursday, May 10, 2012.

Ryan McCormic is a senior at NCHS and a second year student in the BACC Health Occupations program. Ryan plans on going to a four-year college/university and majoring in Pre-medicine. From there he plans on going to Med School and becoming a Licensed Physician.

Amanda Woodson is a senior at BHS and a second year student in the BACC Early Childhood program. Amanda plans on attending Heartland Community College and then going onto ISU to obtain a bachelors in Early Childhood Education and teach pre-school.

Gregory Mason is a senior at Central Catholic High School and a second year student in the BACC Culinary Arts program. Greg plans on obtaining his bachelor's degree in Baking & Pastry and Food Service Management. His ultimate goal is to open and manage his own bakery.



September
Ryan McCormic
Health Occupations II
NCHS



October
Amanda Woodson
ECE II
BHS



November
Gregory Mason
Culinary Arts II
CCHS

****Professional Development Opportunities****

For more information on workshops available and a number of events coming up go to www.ilcte.org

<p>2012 IACTE Conference Bloomington/Normal Marriott Normal, IL February 16-17, 2012 For more information contact Peggy Miller at: pmiller@hmwroe27.com</p>	<p>FCCLA 2011 Fall Meeting Double Tree Inn Bloomington, IL November 7, 2011 For more information contact Marta Lockwood at: www.ilfccla@yahoo.com</p>	<p>Connections Conference Pheasant Run Resort and Conference Center St. Charles, Illinois March 14-15, 2012 For more information go to: www.connectionsproject.ilstu.edu</p>
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SAVE THE DATE—MONDAY, NOVEMBER 28, 2011

WHERE: IAA Building
 Illinois Agricultural Association
 Adjacent to Veterans Parkway
 Bloomington, Illinois

WHO: Juniors & Seniors interested in
 becoming CTE educators and their
 teacher chaperones

For more information contact:
 Linda Walker
 Curriculum Revitalization CTE Facilitator
walker@cwd.siu.edu
 800.252.4822 Extension 5849

Mindy Bunselmeyer
 FCAE District IV Program Advisor
mbunselmeyer@agriculturaleducation.org

iPad Workshop

November 15, 2011
11:00 a.m.—2:30 p.m.



District 87 Unit Office
 Community Room
 300 E. Monroe St.,
 Bloomington, IL.

This will be a hands-on workshop
 iPads will be provided for the Workshop

AGENDA INCLUDES

- Technical Requirements
- Tips for usage
- Apps for the CTE classroom
- Concerns re: the iPad in schools

RSVP to Renee Hutchison
hutchisonr@district87.org
 by November 8



ICE Conference 2012:
Innovate - Collaborate - Educate

February 28- March 2, 2012
Pheasant Run Resort and
Conference Center
St. Charles, Illinois

For more information go to:
<http://www.iceberg.org>



10 By 20 Pledge for America continues ...Take the Pledge at www.CenterForAmerica.com.

What You Can Do in Your Community to Support Expanded Training for Skilled American Jobs

How many ways you can help!

Look for resources and links on the CFA website.

Young People and Parents

- ☞ Enroll in after-school programs or summer camps that focus on skills-building projects
- ☞ Attend events sponsored by skills training centers to find programs that are exciting

High School and Parents

- ☞ Talk with guidance counselors about careers in the skilled trades and technical fields
- ☞ Visit local manufacturing companies to learn about their jobs, training and factories
- ☞ Learn about what skills training programs are offered by community colleges, nonprofit organizations and visit the most interesting ones

Teachers and Guidance Counselors

- ☞ Invite speakers from manufacturers to talk about their companies and jobs
- ☞ Organize field trips for teachers and students to visit manufacturers

School System Administrators

- ☞ Work with local business and existing nonprofit training centers to expand cooperative training opportunities for students
- ☞ Consider how to support manufacturing skills and technical curricula in your schools

Retirees

- ☞ Volunteer to teach your skills to others or help with community outreach activities

Business Managers, Owners

- ☞ Invite local student and youth groups to tour your facilities and talk about the benefits of careers in manufacturing and technical trades
- ☞ Consider whether you can offer apprenticeships in collaboration with local training programs
- ☞ Consider whether several businesses can work together to support and sponsor local training programs
- ☞ Encourage employees to volunteer as faculty for nonprofit or public school training programs



Unions

- ☞ Encourage members to sign-up for additional training to help them transition to better jobs
- ☞ Work with local companies to help support and sponsor local training programs

Foundations

- ☞ Develop "seed money" grants to help startup training programs or fund special outreach

- ☞ Seek out programs that to bring school drop-outs back into school and skills training
- ☞ Seek out special projects that will give training program students a real-life experience, such as rehabbing a house or building a boat

Media

- ☞ Consider coverage on companies seeking and training skilled workers
- ☞ Consider series coverage on the range of local tinkering and training programs for various age groups and workers in transition

State Officials

- ☞ Reassess the adequacy of state policies and support for nonprofit and public school training programs in light of future skilled worker needs
- ☞ Support and promote effective public-private training partnerships as role models



Did You Know?

- ☞ According to a May 2011 survey by Manpower Group among 40,000 employers globally, skilled trades workers as a group rank number one in the U.S. and 13 other countries as to the “difficulty of filling jobs due to the lack of talent”.
- ☞ At the height of the recession, 32% of manufacturers reported that they had jobs going unfilled because they could not find workers with the right skills, according to the National Association of Manufacturers.
- ☞ 2.7 million manufacturing employees are 55 years of age or older and likely to leave the labor force over the next 10 years. (NAM) This does not include skilled workers in other sectors, such as those in the utility and trucking sectors.
- ☞ By 2018, according to the U.S. Bureau of Labor Statistics, those 55 and older will number some 40 million and comprise nearly a quarter of the total U.S. labor force. The retirement of this age group over the ensuing decade has the potential to cripple U.S. industry unless those fewer entering the workforce have advanced skills along with science, technology and mathematics attainment.
- ☞ A 2011 survey by The Nielson Company among executives from 103 large U.S. manufacturing firms found that on average, the shortage of skilled workers will cost each company \$63 million over the next five years, some as much as \$100 million. These costs include training and recruiting, followed by problems caused by lower quality and resulting decreases in customer satisfaction.
- ☞ In 2010, China had 19.8% of global factory output, compared with 19.4% for the U.S., making China the world leader in manufacturing, according to IHS Global Insight. However, labor productivity in the U.S. is three times that of China. The U.S. lead in productivity can be maintained only by ensuring that a skilled labor shortage is avoided.
- ☞ “Industry experts are predicting a shortage of 150,000, 300,000, 500,000 or more [truck] drivers by [2012],” according to Heavy Trucking Magazine. Roughly one quarter of the 637,000 aerospace workers in the U.S. could be eligible for retirement this year, according to the Aerospace Industries Association.

Center for America

250 Willow Springs Drive • Roswell, GA 30075 • 770-317-2423

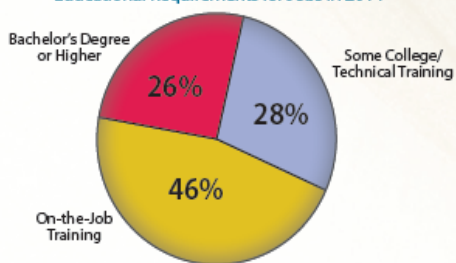
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Career and Technical Education in Illinois Fact Sheet 2011

21st Century Jobs Require Lifelong Learning

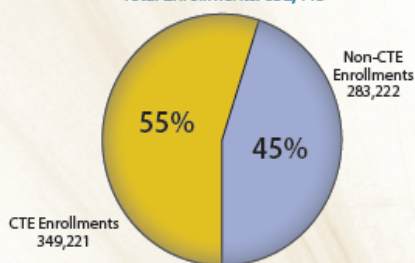
Educational Requirements for Jobs in 2014



Source: U.S. Bureau of Labor Statistics—Occupational Projection and Training Data 2005—2007

CTE Serves the Majority of High School Students Annually

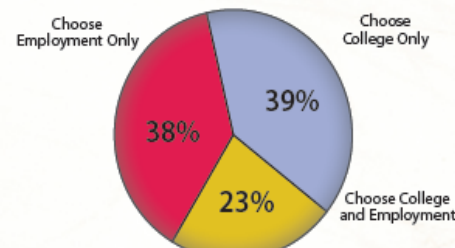
Total Enrollments: 632,443



Source: ISBE/ISIS School Year 2009—2010

CTE Students Demonstrate the Skills Needed for College and Employment/Careers

62% were enrolled in college, 61% were employed



Source: ISBE study of 18,985 CTE training-level graduates Class of 2008

Illinois Occupational Projections 2008–2018¹

General Field	Occupation	Annual Entry Wage	Annual Median Wage
Health Science Technology	Medical/Clinical Lab Technician/Technologists	\$27,336–\$36,960	\$38,475–\$51,623
	Nursing Aides, Orderlies, & Attendants	\$19,194	\$23,893
	Licensed Practical & Licensed Vocational Nurses	\$32,233	\$41,851
	Emergency Medical Technicians & Paramedics	\$20,834	\$30,615–\$46,036
Family & Consumer Sciences	Culinary: Food Preparers & Chefs & Head Cooks	\$16,711–\$19,084	\$18,435–\$33,126
	Child Care Workers	\$17,522	\$20,684
	Fashion Merchandising & Display Designers	\$20,697–\$30,238	\$28,388–\$60,998
	Personal & Home Care Aides	\$17,020	\$18,743
Business, Marketing & Computer Education	Claims Adjusters, Examiners, & Investigators	\$39,954	\$60,696
	Counter & Rental Clerks	\$16,707	\$19,529
	Bookkeeping, Accounting, & Auditing Clerks	\$24,662	\$34,728
	Payroll & Timekeeping Clerks	\$27,626	\$37,860
Agricultural Education	Farm, Ranch, & Other Agricultural Managers	\$29,098	\$30,771–\$49,838
	Landscapers & Groundskeepers	\$18,603	\$24,338
	Pesticide Handlers, Sprayers, & Applicators	\$19,964	\$29,291
	Landscape, Lawn Service, & Grounds Managers	\$28,470	\$41,855
Technology & Engineering Education (Industrial)	Engineering Technicians (Except Drafters)	\$37,515	\$59,016
	Graphic Designers	\$29,964	\$44,437
	Automotive Service Technicians & Mechanics	\$24,175	\$38,562
	Carpenters	\$34,305	\$60,796

1. Source for Wage Data: Illinois Department of Employment Security (IDES), Third Quarter, 2009



CTE — Education That Works

What Happens to 100 Incoming Ninth-graders?



ILLINOIS CTSOs

In 2010 Illinois Career and Technical Student Organizations served 35,453 high school students in 846 chapters by enhancing essential leadership and technical skills through rigorous programming and competition opportunities.

- BPA:** Business Professionals of America
- DECA:** Marketing, Management & Entrepreneurship
- FBLA:** Future Business Leaders of America
- FCCLA:** Family, Career & Community Leaders of America
- HOSA:** Health Occupations Students of America
- FFA:** Agricultural Education
- SkillsUSA:** Most CTE Areas
- TSA:** Technology Student Association

The more students participate in Career Technical Student Organization activities, the higher their academic motivation, academic engagement, grades, career self-efficacy and college aspirations—factors often linked to high school graduation.

(Alfeld, C., et al., Looking Inside the Black Box: The Value Added by Career and Technical Student Organizations to Students' High School Experience, National Research Center for CTE, 2007)



A person with an associate degree or two year credential will earn, on average, over \$5,000 a year more than a person with just a high school diploma and a person with a **CTE-related associate degree or credential will earn between \$5,000 and \$15,000 more a year** than a person with a humanities or social science associate degree.

(Jacobson, L., et al, Pathways to Boosting the Earnings of Low-Income Students by Increasing Their Educational Attainment, Gates Foundation/Hudson Institute, 2009)

Updates from the McLean DeWitt Regional Vocational System Continued from page 1

Finally, we continue to hear about a stagnant or slumping economy, but also in the news you hear about the need for skilled labor in different manufacturing sectors. Locally, we have heard about shortages of qualified machinists and welders, with a high number of projected job openings in the future. The following link to a CBS news video also exemplifies the shortages that are found nationwide (<http://www.cbsnews.com/video/watch/?id=7384501n&tag=contentMain;contentBody>). In addition, I have included information from the Center for America in this newsletter that highlights what different individuals can do in the community to support training for skilled labor.

I continue to appreciate what all of you do support CTE and the numerous students we serve and train for postsecondary education, advanced training, and today's and tomorrow's jobs.

Tom Frazier, MDRVS Director

Take Time for 10 Things

Take time to work-it is the price of success.

1. Take time to think-it is the source of power
2. Take time to play-it is the secret of youth
3. Take time to read-it is the foundation of knowledge
4. Take time to believe-it is the highway of reverence
5. Take time to help and enjoy friends-it is the source of happiness
6. Take time to love-it is the one sacrament of life
7. Take time to dream-it hitches the soul to the stars
8. Take time to laugh-it is the singing that helps with life's loads
9. Take time to plan-it is the secret of being able to have time to take time for the first 9 things.

Source: One Minute Messages by Dan Clark



This conference features secondary teachers, community college instructors, university professors and other educators who will share innovative programs and strategies that have been successful in their classrooms.

For more information and conference registration go to:

<http://ibea.org/fall-conference/conference-registration>

**We want to know what's happening at your school!
Please contact Deidre Hedrick at the BACC
with your information to be shared in future newsletters.
Contact by phone at 309-829-8671 ext. 5192
Or email at hedrickd@district87.org**