



*"I learned to work smarter, not harder. And I learned to pay attention to the details. But the outcome looks good."*

- Zach Binnegar, Southern Wells senior,  
upon completing his guitar in Manufacturing class.



# Good News Digest

ADAMS • BLACKFORD • HUNTINGTON • JAY • WELLS COUNTIES, INDIANA

Winter 2013

**AN INTRODUCTION** to possible career fields was arranged for 480 Huntington 8th grade students in January. Health Occupations teacher Tiffaney Drummond relays information about her course to one of the many groups who came through the vocational center. (Below) Cassidy Moriarity, Kelsey Coles and Samantha Skinner listen to the presentation. "This seems like a cool thing to take," Moriarity said. "My mom did stuff like this when she was in school."



There's more to learning than "readin', ritin', and 'rithmetic - or so the eighth grade students realized as they were escorted in small groups through a number of career and technical stations during their orientation tour of Huntington's Vocational Center.

Four hundred and eighty eighth graders toured the Auto Services shop, Manufacturing Lab, a visiting ambulance from Huntington's Parkview Hospital, and listened to presentations from the career teachers in EMT,

Health and Auto Tech, and Precision Machining classes.

"I like learning all of these things. No two jobs are the same and I never get bored. There's always something new," said sophomore Auto student Trey Wuensch.

Wuensch went on about his class work in Dan Niebauer's Auto Services class as the eighth graders watched the students balance and change a tire, and demonstrate the brake lathe.

"I might want to take a class like this," 8th grader Alivia Eiting said. "It's interesting and I wouldn't

have to take my car in because I could do the work myself."

The students attended the presentations and toured the facility Jan. 14-15.

Steve Schenkel, director of Adult Education at the Huntington Vocational Center, set up the orientation prior to class scheduling.

"Schools are really getting on board with Career & Technical Education," Schenkel said.

"Chad Daugherty, our new principal, is really working to show students the career opportunities available to students."

## Promoting Careers: All in a LONG day's work...



STEVE SCHENKEL, DIRECTOR OF ADULT EDUCATION

This is one hard-working man with quite a "hat collection."

Not only is Huntington North's Steve Schenkel the director of Adult Ed., he is in charge of the school's "Career Planning / Professional Internship Program" where 11th and 12th grade students can apply to shadow any career field.

"Every student going through grades K-12 now should have some opportunity for exposure in the area of career education," Schenkel said.

This 37-year educator started as a business teacher until entering

the administrative field, specializing in career and technical education for the "last 25 or 30 years."

A former president of the Adult Education Association, IAACE, Schenkel also actively served on the board for 20 years.

Additionally, Schenkel has held leadership positions and developed programs for a variety of career-oriented groups including the Literacy Board, Pathfinders, Jr. Achievement, Lifelong Learning, and Power and Humanities.

"I'm just here for kids and adults," Schenkel said.

## STUDENT CAREER ORGANIZATIONS

**BPA**

Business Professionals of America

**DECA**

Association for Students in Marketing, Finance, Hospitality and Management

**FBLA**

Future Business Leaders of America

**FCCLA**

Family, Career and Community Leaders of America

**FEA**

Future Educators Association

**FFA**

Indiana FFA Association

**IYFA**

Indiana Young Farmers' Association

**HOSA**

Health Occupations Students of America

**SKILLSUSA INDIANA**

Auto Services/Manufacturing

**TSA**

Technology Student Association

The Indiana CTSO Coordinating Council (CCC) is a partnership between the Indiana Department of Education and Indiana's Career and Technical Student Organizations (CTSO). The CCC is a consortium made up of representatives from each CTE organization.

Representatives are provided the opportunity to work together to provide joint educational and leadership opportunities so students may develop personally and professionally in preparation for career and life.

The CCC organizes two statewide CTSO leadership events annually including the *Combined State Officer Leadership Camp* and *Fall Leadership Conference*.

<http://indianaccc.webnode.com>



# Ind. Governor Mike Pence supports CTE as one 'pathway to success' in State address

"We have to give our kids, our future, every opportunity for success. That means quality schools, choices about their education and multiple pathways to success."

- IND. GOV. MIKE PENCE IN HIS STATE OF THE STATE ADDRESS  
JANUARY 22, 2013

The time has come to make career, technical and vocational education a priority in every high school in Indiana.

To expand career and technical education, we need greater collaboration between agencies, and I propose we create Regional Works Councils to work with business and educators across the state to develop regional, demand-driven curricula to bring high-paying career options to more Hoosiers in high school.

And don't think for a minute that career and vocational education is

about limiting the future for some of our kids.

Let me introduce you to Bill Beach. Bill and his wife Juanita are with us tonight, but we had to work hard to get them here. Turns out his New Albany-based business, which specializes in injection molding and precision tool making, is booming. He's running three shifts and employs 600 Hoosiers in a 410,000-square-foot manufacturing facility.

When I visited Beach Mold and Tool last summer, Bill told me how on the farm when he was a teenager his Dad came to him one day and said,

"Bill, your brother's good with the book learning, so he's going to college. You're good with your hands, so you're going to vocational school."

So Bill went to vocational school. They started their company in 1972. As we looked out over the hugely successful business he's running today, I turned to him and said, "Bill, turns out your dad was right. You are good with your hands. Look at what they built!" Join me in commending Bill and Juanita Beach for being such a great example of the American dream.

Career and technical education can provide

our students with a pathway to success, just as it did for Bill. It can launch entrepreneurs, give kids a reason to finish high school, and create a well-qualified workforce that will encourage business to build here and grow here.

We have to give our kids, our future, every opportunity for success. That means quality schools, choices about their education and multiple pathways to success.

The more our kids succeed in the classroom, the more Indiana will succeed.

## Indiana College & Career Clusters and Pathways

<http://www.doe.in.gov/achievement/career-education/indiana-college-career-pathways>

**Cluster** – A way of organizing groups of closely-related careers.

**Pathway** – Program of study; an aligned sequence of classes.

**Pathway Plan** – Details the specific classes that lead to a college degree program or a certification or credential.

**Concentrator** – A student who has earned at least six (6) credits in pathway courses.

**Completer** – A concentrator who has taken the state-specified pathway assessment.

### 1. Agriculture

- a. Agribusiness
- b. Horticulture & Landscape Management
- c. Life Sciences

### 2. Architecture & Construction

- a. Construction Trades
- b. Drafting & Design

### 3. Arts, AV Technology and Computers

- a. Web & Digital Communications
- b. Visual Arts

### 4. Business and Marketing

- a. Business Administration

### 5. Education and Training

- a. Early Childhood Education

### 6. Health Science

- a. Biotechnology

- b. Dental
- c. Health Care Specialties
- d. Nursing

### 7. Hospitality and Human Services

- a. Cosmetology
- b. Culinary Arts
- c. Hospitality Management
- d. Human and Social Services

### 8. Information Technology

- a. Programming
- b. PC Networking & Support

### 9. Manufacturing

- a. Advanced Manufacturing

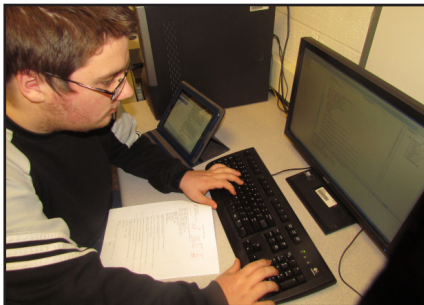
- b. Electronics
- c. Engineering
- d. Logistics & Supply Chain Management
- e. Machine Technology
- f. Welding

### 10. Public Safety

- a. Criminal Justice
- b. EMT/Paramedic
- c. Fire and Rescue

### 11. Transportation

- a. Automotive Collision Repair
- b. Automotive Technology
- c. Aviation
- d. Diesel Service Technology



Senior William Pancake works on a problem in Computer Programming II class at Belmont High School, taught by teacher Cindy Heller. Pancake also takes Web Design.



Huntington North juniors Race Newsome and John Miller explain the brake lathe to 8th grade students during a tour to Dan Niebauer's Auto Services class.



Ag. Mech teacher Mike Jones assists sophomore Ben Kaehr in the TIG welding process at Adams Central. Ten weeks of welding is taught to students during Semester I.



# ICE, ICE BABY...

## Work for credit program offers insight to careers



Top: Guidance counselor John Horn assists sponsor Ron Harnish in honoring the ICE students.  
Below: Drinks and food are served by the students to their parents, employers and educators.



**T**wo hundred students, parents, local business owners and educators gathered together in the Norwell High School cafeteria the evening of Dec. 5 to celebrate and recognize the 57 students currently enrolled in the ICE program.

Students served dinner and drinks to their parents and employers, acting as hosts for this annual event of 14 years running under the advisory of Ron Harnish.

ICE is a job-based curriculum where students work in the community for credit, pay, experience and a taste of what a potential career may be.

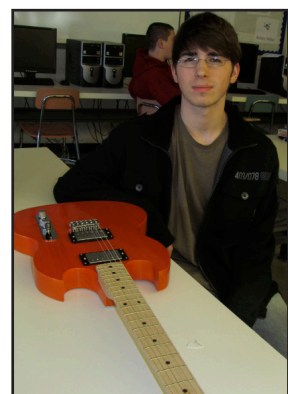
As part of the program Harnish prepared a video that included all of the students at their place of work, and recognized each with a certificate of achievement.



The X-Box and its guitar-teaching software became a fitting end to first semester for students like senior Steve Perry, who spent the past 18 weeks designing and creating their own personal guitars from scratch. The guitars are a vehicle for using STEM to teach science and math, manufacturing teacher Doug Hunt said.



Senior Alex Elston created his guitar in a 'Flying Z' design. "I would tell students coming into this class to really pay attention so you don't ask the same questions over and over."



Junior Daniel Mossburg proudly sits by the orange guitar that he designed. Mossburg said he learned a lot in class including "carpentry and about how a guitar works."

### EMT Minimum Clinical Requirements:

- Ambulance: 24 hours
- Emergency Department: 16 hours
- An overall average of 75% or greater in class

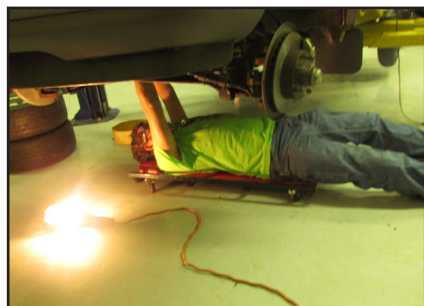
**FACT:** Emergency medical technicians (EMTs) and paramedics care for the sick or injured in emergency medical settings. EMTs and paramedics respond to emergency calls, performing medical services and transporting patients to medical facilities. Employment of EMTs and paramedics is expected to grow by 33 %, much faster than the average for all occupations.

A volunteer paramedic assists EMT instructor and 12th year paramedic Rick Uecker in explaining the process for securing a patient before entering the ambulance during an emergency call. Parkview Hospital's ambulance was used during a visit from 480 eighth graders who were checking out possible career and technical classes for their high school schedules next year.

## Huntington welcomes new EMT class



**A Primary Instructor for the State of Indiana** and 12-year paramedic, Rick Uecker, has agreed to teach the EMT Basic Training class at the Huntington North Vocational Center for any interested students. The first class in this area is offered spring semester from 8:20 to 11:30. Topics to be addressed include trauma assessment, ventilation, pharmacology, diabetic and cardiac emergencies, psychiatric emergencies, along with laws and vehicle extrication.



Opportunities abound for students in South Adams' Auto Technology classes, taught by Gary McMillan. Students may earn up to 12 college credits in two years.



Junior Tristin Riojas discusses his class project with third-year Ag. Mech. teacher Seth Swallow. Swallow hopes to expand welding classes at Jay County.



Senior Kendal Gilbert operates the school's video camera during a hallway interview for the broadcasting classes' "Bellmont Now" program of school news and features.



## Area 18's CTE faculty

# Meet & Greet

## ACTIVE AT STATE, NATIONAL LEVELS

*Creating a powerful CTE program extends far beyond the regular school day. Several teachers in Area 18 classrooms sponsor student organizations or CTSOs that correspond with their subject matter and allow students to travel beyond the school building to experience leadership, professional development, and community involvement through after-school CTSO experiences. Many of these activities lead to scholarships and career opportunities for students who excel. Teachers, who become involved in their state and national organizations, are to be commended for the knowledge and enthusiasm they bring to their students.*

The **CTE Good News Digest** is a quarterly publication of Area 18 to celebrate students and their teachers involved in career and technical training throughout Northeast Indiana. This publication was printed by students in the Jay County Graphic Design and Layout class, taught by Chris Krieg.

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### MELISSA WOLTERS

Agriculture/Life Sciences: Animals  
Jay County High School

**N**amed 'Indiana's Outstanding Young Agriculture Teacher' in 2010 by the International Association of Agricultural Economists (IAAE) is seventh-year Jay County agriculture teacher Melissa Wolters.

This busy teacher stays involved with her students in the classroom, where she teaches Small Animal Science Care and Management, and Advanced Life Science classes, and through her co-sponsorship of the Jay County FFA chapter.

This fall, Melissa accompanied her active group of 200 strong to the 85th National FFA Convention with two national proficiency finalists.

Jay County's FFA is listed among the "Top 10" in the state, and was identified as a "3-Star Chapter" at this year's National Leadership Conference.

Melissa says her number one educational goal is "to make

students productive citizens in the community." She says she wants to give them the skills to go out and find a job.

Melissa fell in love with FFA when she was a student at Jay County. After debating over career choices, she realized that her passion was connected to her high school experiences and her growing up years on a dairy, beef and grain farm.

Recently married to husband Greg, Melissa also serves as the IAAE District VI Director.



### DOUG HUNT

Manufacturing/PLTW  
Southern Wells High School

**I** have been blessed in ways I could never have anticipated as a result of the experiences that have come along and as a result of saying 'yes' to opportunity," says Doug Hunt, Southern Wells' manufacturing teacher, who now uses the construction of guitars to teach math and science.

In 2008 Hunt attended the

"Purdue Guitar Workshop" for a course in guitar building on a Lilly Endowment grant he had written, and where he met Dr. Mark French with whom he brainstormed ways to use guitars as a vehicle for STEM education.

Together Dr. French, Hunt and others wrote a National Science Foundation grant to train other teachers how to use guitar building as a vehicle for STEM education, which was granted in 2009. Since then, Hunt has developed curriculum for teachers all around the country who choose to use this approach as a way to reach students.

Active in his field, Doug has also been a member of various boards and organizations including the Technology Educators of Indiana and the International Technology and Engineering Education Association, the organization that named him recipient of their state and international "Teacher Excellence Award," in 2011 and 2012.

Doug is a 1998 graduate of Ball State University in technology education, with additional Project Lead the Way training from Sinclair College in Ohio. "Life is a series of overlapping long-term projects that you have to manage successfully to completion," says Doug, who hopes to help his students understand and be able to apply goal setting in their future work and at home.

Doug has been married for 15 years and has taught at Southern Wells since 1998.



February is national CTE month with the theme, "Career and Technical Education Works!"

This year, The Association for Career and Technical Education (ACTE) has moved to a new, permanent CTE Month logo. The theme will continue to change year-to-year to reflect the current trends and issues relating to CTE.

**AND WHAT BETTER WAY TO CELEBRATE** the month than to kick-off the new Area18 website, filled with all sorts of information for students, teachers, parents, administrators and guidance counselors.  
**Read more...**



## WWW.AREA18.ORG

The new Area 18 website is open and ready for business. Visit our new site to take a peek inside the individual classrooms through stories and photographs. Consult the two-page pathways, course descriptions and dual credit possibilities. Visit the nine schools in Area 18 and see what capstone courses are offered at the various locations.

Browse through the brief history of Area 18 and Career and Technical Education. Visit the "Frequently Asked Questions" and their corresponding answers.

We're hoping this site will be a great resource for class scheduling and four-year plans, while capturing the excitement and flavor of the wonderful world of career education in northeastern Indiana.

