

CTE

THE MACOMB DAILY • MAKING THE CONNECTION

CAREER • TECHNICAL • EDUCATION



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PANKOW OFFERS STUDENTS A REAL WORLD EXPERIENCE

Ford Motor Company Safety Engineering

Ford Engineer Kay Switlik gave a presentation Nov. 2, 2005, to the CAD/Drafting Technology, Auto Collision and Refinishing and Auto Technology classes. She has a bachelor's degree in mechanical engineering from Michigan Technological University with emphasis in biomechanics. She just finished crash safety testing on the 2007 Expedition/Navigator, and is responsible for planning and running crash tests to demonstrate compliance with government crash safety requirements. Switlik discussed various career options in the field of crash testing. After a brief PowerPoint presentation and video, Switlik gave a demonstration about crash testing using eggs and a ramp made at the Ford Engineering and Technology Center. Her presentation was well received by students, and we welcome her back any time.

Engineering, Technology and Design

New to the Pankow Center next year is a program aimed at introducing engineering and technology to students. Historically, high school students with an interest in engineering took as many mathematics and science courses as possible, and then head to a college to enter an engineering program. After entering college with the intention of majoring in engineering or technology field, many students found themselves changing their minds because they didn't really understand what it entailed. With the cost of college becoming more of a financial burden for students and parents, better decisions earlier in school may prevent students from making those costly changes during their college years. Introduction to Engineering and Technology will give high school students a strong foundation and an understanding of what it will be like to be an engineer or technologist. Students will become acquainted with the tools and methods used in the real world, such as rapid prototyping, digital electronics, computer numerical control, hydraulics, pneumatics, robotics and controllers. The class will provide students with an opportunity to explore engineering, technology and design concepts utilizing hands-on applications with technological topics.

SWAT Vehicle Design Project

Students in the CAD/Drafting Technology classes at the Pankow Center were asked to help the Macomb County Sheriff Department's Special Weapons and Tactics team with a special project. The department's specialized vehicle needed a hydraulic lift and the department asked the students to help design it. They brought the vehicle to the center for students to measure and sketch initial ideas for the project.

Medical assisting-fastest growing profession in America

Looking for a career in the medical field? A career in medical assisting is a



plan for your future. Demand has grown steadily over the last few years and is projected to be one of the fastest-growing professions in America. Juniors and seniors in the L'Anse Creuse Public Schools will have the opportunity to take a new course in Medical Assisting at the Frederick V. Pankow Center in fall 2006. In this 1-year course, students will learn to take vital signs, perform EKGs, draw blood, take patient medical histories and learn medical office procedures. Following completion of the program, students will be eligible to take the medical assisting certification exam. The Frederick V. Pankow Center believes that giving students the opportunity to learn a viable and challenging career while in high school provides them a means of self-support following graduation. It further allows them the opportunity to cross train into other health service fields while students move on and up the career ladder. Medical Assisting career opportunities range from doctors' offices to hospitals, clinics and nursing homes, medical

supply businesses, home health agencies, insurance companies and pharmaceutical companies. For more information about the Medical Assisting program, call (586) 783-6570.

Pankow Center AYES certified

The Detroit Auto Dealers Association held its "Meeting in a Box" on Oct. 19, 2005, at the FV Pankow Center. The event recognizes the center's Automotive Technology and Automotive Collision and Refinishing programs as an Automotive Education Youth System certified site. The meeting was part of an ongoing effort to strengthen the working relationship between schools and dealers. The event coincided with the National Automotive Dealers Association's National Career Awareness Week. NADA encourages dealers to hold career events to urge students and parents to consider the wide variety of careers in automotive dealerships. The meeting included a

presentation to local dealer members, school administrators and instructors by Ken Schewe, director of Educational Programs for the DADA. Michelle Karpinski was noted many times as being an outstanding example of an AYES student who became Pankow's first dealer apprentice. After one successful year in Automotive Technology I, she was selected by Parkway Chrysler Jeep in Mount Clemens and has started her AYES program. It was Transportation Career Day and students had the unique opportunity to learn about career opportunities in their community. They also learned about the vehicle equipment used on the job. The fourth-graders were given a tour by high school volunteers from the Early Childhood and Teacher Cadet programs at

Transportation career day 2005

The Frederick V. Pankow Center was buzzing with 330 excited fourth-graders from L'Anse Creuse Public Schools the morning of June 2, 2005. It was Transportation Career Day and students had the unique opportunity to learn about career opportunities in their community. They also learned about the vehicle equipment used on the job. The fourth-graders were given a tour by high school volunteers from the Early Childhood and Teacher Cadet programs at

Pankow. The fourth-graders moved from station to station, receiving a stamp on their "passport" for each station. Representatives from the Macomb County Road Commission, SMART bus system, Med-Star, UPS, Michigan Trucking Association, U.S. Postal Service, Macomb County Sheriff Marine Division, Coast Guard Air Station Detroit, Bobcat of Motor City, SBC, Apollo Fire Apparatus Repair and Convergence Education Foundation (Segway) provided a close-up look of their vehicles as students explored careers related to modes of transportation.

Next Week's CTE Page will feature MCC

Gains Reward from The Art Institutes

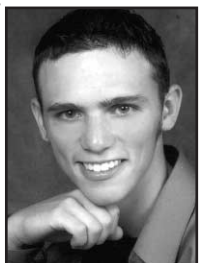
Pankow Center hosted a presentation by The Art Institute Schools' Jennifer Shepard. Students in the Web Design, Telecommunications and Visual Imaging classes participated. The Art Institute Schools have been a strong influence for our college-bound students. Several students a year attend The Illinois Institute of Art-Chicago for their 4-year degree program. As of 2006, we have been awarded an articulation agreement offering a possible 16 credit bonus if qualified. For more information about The Art Institutes visit www.artinstitutes.edu.

National competitions

- Health Occupation Students of America Nashville, Tenn.
- Kevin Kordalsk** Regional 1st Place- Human Growth & Development State 1st National 7th
- Natalie Goodsmith** Regional Finalist- Nutrition State Finalist National Competitor
- Beth Robinson** Regional 2nd Place- Personal Care State 3rd Place National Qualifier
- Lisa Savage** State 2nd Place- Electronic Applications National Qualifier Skills USA- Kansas City, Mo.
- Ryan Baetens** State 1st Place- Electronic Applications National 14th Place

Scholarship Awarded

Paul Marcath, a graduate from L'Anse Creuse High School North, struck gold with the AIS Heavy Equipment Operation, Repair & Maintenance class in its first year of operation. He received the company's \$10,000 scholarship, offered to a student pursuing a career in the heavy equipment industry. Marcath attends Ferris State University. As part of the scholarship, he will work for AIS Construction Equipment in Richmond during the summer for the next four years. Heavy Equipment programs are available only at Eaton Intermediate School District near Lansing and at L'Anse Creuse Public School's FV Pankow Center.



MARCATH

MAKING THE

connection

to Career Technical Education

For more information about CTE or to share your thoughts about the "Making the Connection" series, contact Karen Johnston at the Macomb Intermediate School District 586/228-3469 or emailjohnston@msd.net

Macomb Community College
Education • Enrichment • Economic Development

Macomb Intermediate School District

Macomb Career and Technical Education Administrators Association

Cutting Edge to the Future
Macomb County/St. Clair County

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