

Workshops

9:30 - 11:20 a.m.

9:30 and 10:05 in room TC 113

Advancing Your Manufacturing Classroom: Creating an Advanced Manufacturing Course in Your School

10:05 and 10:40 in room TA 227

Bring CSI into Your Classroom without the Crime Scene!

10:40 in room TC 113

Females, What Females?

9:30 and 10:05 in room TC 107

Funding and Curriculum Changes in TEE and CTE

10:05 and 10:40 in room TC 101E

Getting Your Students the Biggest Bang for Their Buck!

10:05 and 10:40 in room TC 114

He's One of THEM!

9:30 and 10:40 in room TC 103

I Can't Do Math!

9:30 and 10:05 in room TA 227

I-Phones, Video, & Texting – OH MY!

10:05 and 10:40 in room TA 227

Is There Room for Both?

9:30 and 10:40 in room TC 111

Motivating Generation Y

9:30 in room TC 105

What's New with ISU?

Industry Forums

12:30 - 1:30 p.m.

Room TC 101E

Applied Extrusion Technologies:

Room TC 113

Columbian Home Products:

Room TC 103

Reel Time Logistics:

Room TC 107

Sony Digital Audio Disk Corporation:

SE corner of TC

D&D Automation, Inc.:

Room TC 105 upper west

DesAcc:

Atrium

Center for Business Support and Economic Innovation:

Room TC 105 lower east

WorkOne Western Indiana

Information about presenters and workshop handouts are posted on the TECH Showcase website:

www.indstate.edu/tss/techshowcase



Sponsored by
Indiana State University College of Technology
Ivy Tech Community College of the Wabash Valley
Vincennes University
WorkOne Western Indiana



Indiana State University College of Technology
Myers Technology Center, Room 105
February 27, 2009

The goal of TECH Showcase is to expand partnerships and celebrate ways that technical education is engaging students while enhancing learning, providing skills and knowledge that are connected to academic success, and preparing students for college and/or the workplace.

This is the 4th annual event.
Your suggestions for future events are welcomed and encouraged.

Please complete the evaluation form today.
If you do not get an opportunity to do so,
please go online:

www.indstate.edu/tss/techshowcase

You may also send comments to:
bitz@indstate.edu

- 8:30 Registration and continental breakfast
- 9:00 Welcome and introductions in room TC 105
- 9:30 Concurrent Workshops: *see insert for descriptions*
Workshop assignments provided BEHIND name badges.
Handouts and presenter information will be posted online
- 11:30 LUNCH in room TC 105
Be sure to pick up your Industry Forum tickets.
Check out the Informational materials in the atrium
- 12:30 Industry Forums: *see insert for descriptions*
Visit 3 industry forums every 15 minutes.
Please adhere to the tickets you selected during lunch.
- 1:30 Postsecondary updates
Art Haase, Vincennes University
Janet Swalls, Ivy Tech Community College, Wabash Valley
Jeff McNabb, Associate Dean, ISU College of Technology
- 2:15 Closing
- 2:30 SOCIAL HOUR**
Please join us for a social hour in the Sycamore Lounge,
located at the north end of the Hulman Memorial Student
Union. President Dan Bradley and his wife, Cheri, along
with several of our faculty members will be joining us.
There will be snacks and a cash bar serving beer and
wine. All registered conference participants will receive a
drink ticket for one FREE drink of choice. Soft drinks and
bottled water are also available.

TECH Showcase 2009 Workshops

9:30 and 10:05 in room TC 113

Advancing Your Manufacturing Classroom: Creating an Advanced Manufacturing Course in Your School

*Bob Sexton, Seymour High School
Jeff Clutter, West Vigo High School*

Advanced manufacturing is a relatively new course in Indiana. This session will focus on explaining what advanced manufacturing is and how you can implement it into your classroom. Funding options, tips, tricks, and pitfalls for these programs will also be addressed.



10:05 and 10:40 in room TA 227

Bring CSI into Your Classroom without the Crime Scene!

Susan Doring, Purdue University

Have you ever seen a student who didn't like to watch television?! This hands-on biotechnology session will demonstrate how you can relate some of the technologies (specifically DNA extraction) used on today's most popular detective shows to a standards-based curriculum.



10:40 in room TC 113

Females, What Females?

Bev Bitzegaio, Kellie Bass, and Sarah Rodie, ISU College of Technology

How many females do you have in your classes? If you are like the majority of the nation you don't have many! Learn possible strategies for attracting females to your programs and how to retain them after they walk through the door.



9:30 and 10:05 in room TC 107

Funding and Curriculum Changes in TEE and CTE

*Doug Dillion,
Vigo County School Corporation*

If there is one constant in technology it is change! We work in a field that is constantly changing; however, the change doesn't only happen in the classroom. This presentation will focus on changes that have occurred in Technology and Engineering Education and Career and Technical Education courses in Indiana and funding that can support them.



10:05 and 10:40 in room TC 101E

Getting Your Students the Biggest Bang for Their Buck!

Janet Swalls, Ivy Tech Community College; Robyn Haase, Vincennes University; Jeff McNabb, ISU College of Technology

Gone are the days of only receiving credit for Advanced Placement Math and English! There are Technology and Engineering and Career and Technical Education courses that students may receive credit for at Indiana State University, Ivy Tech State College, and Vincennes University. This session will discuss what some of those course offerings are and how your students can receive credit.



10:05 and 10:40 in room TC 114

He's One of THEM!

Chris Hill, Avon Middle School

This Generation Y teacher will share his tricks of the trade on how to increase student learning by constantly challenging them to design, innovate and manufacture custom projects. Teaching modern manufacturing in an industrial arts lab enables his students to learn traditional industrial arts skills while working in a project-based, standards-based curriculum.

**Workshop assignments are provided behind name badges.
Handouts and presenter information will be posted online.**



9:30 and 10:40 in room TC 103

I Can't Do Math!

Tom Savage, Ivy Tech Community College

Students have been doing math in our classes for years, but didn't realize it. This presentation will focus on non-traditional ways to incorporate standards-based mathematics into your classroom. You'll have your kids saying I CAN do math before you know it!



9:30 and 10:05 in room TA 227

I-Phones, Video, & Texting – OH MY!

Kelly Wilkinson, ISU Center for Research and Technology

OMG, T911 (Oh my gosh, teacher alert change the subject). Do you sometimes wonder how to keep up with the students when it comes to new communications-based technologies? The world of communications has changed drastically over the past few years. This presentation will focus on ways of using different types of communications to catch the interest of your students while teaching them about technology in a standards-based approach.



10:05 and 10:40 in room TA 227

Is There Room for Both?

*Gary Werner and Mike Jacobs,
McCutcheon High School
Brandon Small, Sullivan High School*

Saying hello to pre-engineering curriculums (such as Project Lead the Way) doesn't have to mean saying good-bye to your existing programs. This discussion-based presentation will give perspectives on how two schools of differing size and geo-

graphic location in Indiana are keeping both programs for their students. Presenters will focus on challenges, tips, tricks, and rewards of keeping both programs.



9:30 and 10:40 in room TC 111

Motivating Generation Y

*Barbara Eversole,
ISU College of Technology*

Generation Y is now entering the workplace and many supervisors and managers are wondering what to do with them. This practical session will offer information on this new generation and helpful tips on preparing students and their employers to deal with the mix of four generations in the workplace at one time. Come with your questions and with any tips you've learned about motivating millennials to share with others in this highly interactive session.



9:30 in room TC 105

What's New with ISU?

*Kara Harris,
ISU College of Technology*

Whether it's been a while since you have been to ISU, been a while since you have been here without chasing students from event to event at Tech T.R.E.K., or you have never set foot of the campus before, chances are there is something new going on. This session will give you a back stage pass to see various labs and talk with faculty and students that are working with programs in the College of Technology. Information of program offerings, scholarships, and student organizations will be available to you to share with your students, in addition to ways you can become involved with outreach programs through the College of Technology.

TECH Showcase Industry Forums

**Industry Forum tickets will be provided during lunch.
Handouts and presenter information will be posted online.**

Room TC 101E

Applied Extrusion Technologies:

Larry Mauer

AET is the largest North American manufacturer and supplier of Oriented Polypropylene, or OPP films, used primarily in consumer product labeling, flexible packaging and overwrap applications. End users of AET films are consumer product companies whose labels and packaging require special attributes such as vivid graphics, exceptional clarity, and moisture barriers to preserve freshness. AET's films are utilized by end users such as Coca Cola, Pepsi-Cola, Frito-Lay, Nabisco, Kellogg's, Hershey Foods, Sony, and Lipton. AET is headquartered in New Castle, DE with manufacturing facilities in Terre Haute, Varennes, Canada, and a pilot line in Covington, VA.



Room TC 113

Columbian Home Products:

William (Bill) Carper

CHP is a porcelain-on-steel cookware manufacturer that has been operating under a variety of names in Terre Haute since 1902. The large majority of products sold by CHP are manufactured in Terre Haute, and major customers included Wal-Mart, Target, Kmart, the U.S. military, and a large number of other domestic and international customers. CHP owes its success to the men and women working in the facility, and to an overall attitude of continuous improvement toward maintaining and improving quality, and reducing operating costs to provide the best quality and cost to consumers. If you are interested in touring the facility, please contact our Personnel Department at 812-238-5050.



Room TC 103

Reel Time Logistics:

John Turner

Real Time Logistics is a 3PL company headquartered at 1077 Hunt Street in Terre Haute. It has been in business for 5 years and has recently located on a 30 acre private industrial park on the west side of the Hulman International Airport. At this new location we have a 37,500 square foot building designed for warehousing, cross docking and light manufacturing services. Our logistic operations management team is also at this site. Reel Time Logistics provides transportation, warehousing, cross docking, packaging, manufacturing parts inspection, and consulting services targeted at the manufacturers and distribution companies. Major companies using Reel Time Logistics services include Cummins and Dick's Sporting Goods.



Room TC 107

Sony Digital Audio Disk Corporation:

Bryant Wolfe

Sony DADC is the leading manufacturer of disc media in the world, with multiple locations throughout the U.S., Europe, Japan, Canada, and South America. This is the 25th year of operation for the Terre Haute, IN location. DADC products include CDs, UMDs, PlayStation 2 & 3 Videogames, DVDs, and Blu-Ray Discs. The Terre Haute facilities occupy over 2.2 million square feet on both the east and west sides of Fruitridge Avenue and employs approximately 1350 employees. Sony DADC operates 24 hours a day, 7 days a week while adhering to our internally developed KPIs.

SE corner of TC

D&D Automation, Inc.:

David Decker

D&D Automation offers services such as CNC Machining, CNC Machine Programming, Jig & Fixture Tooling, Three Dimensional Proto-Type Machining, Design & developing automated processes including tooling & assemble operations. Our facility is a medium scale machining operation that provides many services including CNC mill and lathe machining, 3-D milling, fabrication and welding. We also provide on-site repair and maintenance service. Since 1989, D&D Automation has served a variety of small manufactures or corporations all around the country. Some of the industries we currently serve include: automotive electronics, steel rolling mills, plastics (thermo formed tooling) and pharmaceutical. Our facility is located south of Terre Haute next to the new industrial park. This strategic location gives us an edge economically to provide speedy accurate service to our local industrial park customers.



Room TC 105 upper west

DesAcc:

Walter Balcavage

DesAcc Inc. is a leading medical software engineering company founded in 1993 in Terre Haute. The company's products are currently in use at more than 5,000 healthcare facilities in more than 30 countries. DesAcc provides software products and data conversion services that are used for storage, presentation and review of digital medical images such as from an X-ray or MR scanners. The company partners with the American College of Radiology for MRI certifications. Currently DesAcc

is designing new applications that address medical document workflow in conjunction with Adobe Systems Incorporated. The company is also expanding DesAcc's Medical Imaging Service Bureau through enhanced marketing efforts. The company operates world-wide.



Atrium

Center for Business Support and Economic Innovation:

Richard Pittelkow

CBSEI's mission is to engage with business to provide commercialization services utilizing ISU expertise and resources while providing students with experiential learning opportunities. CBSEI services include business and technology assistance with market research, marketing plans, business plans, grants and incentives, financing, attracting investors, office space, lab space, and administrative support. CBSEI facilitates the development, marketing, protection, and licensing of new technologies with market potential.



Room TC 105 lower east

WorkOne Western Indiana

Lisa Lee and Mike Smith

The WorkOne System connects area partners to meet the needs of employers and job seekers through seamless one-stop shopping. Everything you need to access the latest employment and training information can be found in one place.