



# Four State Regional Technology Conference

***“Strengthening Ties to Corporate America”***  
***Pittsburg State University/Kansas Technology Center***  
***November 20-21, 2008***

## **SPECIAL EVENTS**

### **Grudge Match at Gorilla Ridge Drag Races**

Presenters: Michael Neden, Technology Education, PSU and the “Tool Time” Cast  
Time: Thursday, 9:00 - 10:20 a.m.  
Location: S102 KTC

The Technology Education Program at Pittsburg State University has teamed up with PITSCO, Inc. to sponsor the First Annual “Grudge Match at Gorilla Ridge” Drag Races during the Four States Regional Technology Conference.

This “no-holds-barred, head-to-head Match Race is designed to see who can build the fastest CO2 powered dragster without all of the “rules and regs” of other competitions. This is a great opportunity for Technology Education Teachers and TECA Students to “showcase” their design skills and competitive spirit. Come by and check out this fun session and see who has the fastest “Ridge Runner” in this year’s competition.

### **Mini-Excavator Big Dig Contest**

Presenters: Randy Timi, Matthew O’Brien, Seth O’Brien, Dennis Audo, and Justin Honey, Construction Engineering Technology and Management, PSU  
Time: Dig #1 – Thursday, 9:00 - 11:00 a.m.  
Dig #2 – Thursday, 1:00 - 3:00 p.m.  
Dig #3 - Friday, 9:00 - 11:00 a.m.  
Location: West Construction Courtyard

**Come and try your skills at using a mini-excavator... will you except the challenge?**

Experience using a mini-excavator to move materials on the job site. Those that attend are entered into a competition for the fastest time and will be presented a prize at lunch on Friday, November 21<sup>st</sup>.

## **DEMONSTRATIONS**

### **Total Document Systems - XEROX**

Presenter: Tim Stanley, Owner, TDS, Fayetteville, AR  
Time: Thursday, 10:30 – 11:20 a.m.  
Location: E107 KTC

Demonstration for the state of technology in digital graphics output.

### **How to Develop and Teach a Screen Printing Education Program**

Presenter: Kevin Bolte, Hearlihy Corporation  
Time: Thursday, 1:30 – 2:20 p.m.  
Location: E215 KTC

A practical presentation for instructors and administrators who are interested in developing a vocational screen printing education program. The presenter will discuss instruction methods, graphic design, safety issues, the business side of screen printing education, and hands on demonstration.

### **Lines and Views**

Presenter: Nelson Parke, Parke's Projects  
Time: Thursday, 2:30 – 3:20 p.m.  
Location: E223 KTC

A presentation of the creative sketching techniques developed by Nelson Parke that allows for a common sense and practical approach for teaching students the basics of design.

### **Building Skills, An Introduction to the Construction Trades**

Presenter: Chuck Knoepker, Paxton-Patterson, Inc.  
Time: Thursday, 3:30 – 4:20 p.m.  
Location: S109 KTC

This program will demonstrate how to teach an introductory construction program using the Building Skills program. This program is an efficient way to explore up to 17 construction trade areas and teach foundational construction skills. A free construction DVDE and curriculum sample will be provided.

## **Thursday, November 20, 2008**

### **Sessions starting at 10:30 am**

#### **PSU/PCMS Manufacturing Demonstration Project - Part 1**

Presenters: Larry Dunekack, Pittsburg Community Middle School and Michael Neden, Technology Education, PSU  
Time: Thursday, 10:30 - 11:20 a.m.  
Location: W103 KTC

Pittsburg State Technology Education majors will host 24 students from the Pittsburg Community Middle School in a live mass production project in the "Fixture Factory" located next to the Technology Education Laboratory on the west side of the Kansas Technology Center. Students will attempt to manufacture 100 products in a two hour session. Stop by and see this project in action.

#### **Tetrix Robotics Competitions**

Presenters: Paul Uttley, Tim Lankford and PSU Technology Education Majors  
Time: Thursday, 10:30 - 11:20 a.m.  
Location: S103 KTC

PITSCO, Inc and Pittsburg State University team up to demonstrate a new Robotics system designed for competitions at the State and National level. Come by and see this new concept in action and learn about this exciting learning opportunity.

#### **Transforming the Regional Economy**

Presenter: Jasen Jones, Workforce Investment Board  
Time: Thursday, 10:30 – 11:20 a.m.  
Location: S109 KTC

Explanation of the Quad-States Regional Transformation project that is designed to unite the corners of the greater Four-States region for global competitiveness and economic prosperity. QSRT maps the region's competitive assets and opportunities while connecting the networks of business, education, and economic development.

#### **Crane Safety**

Presenter: George Leach, Dondlinger  
Time: Thursday, 10:30 – 11:20 a.m.  
Location: E119 KTC

With so many crane accidents there is an obvious need for changes in the operations and regulations involving cranes. This timely presentation will describe how a forward thinking attitude can be employed to remain ahead of safety legislation. George Leach has been positive about safety for his entire career. He has been involved with implementing a certification program and has assisted in establishing rules in excess of OSHA requirements for many years.

### **E Z Lock Miter Setup**

Presenters: Leslie and Dennis Neff, Grove, OK  
Time: Thursday, 10:30 a.m. – 12:20 p.m.  
Location: E120/E141 KTC

This session will feature a demonstration of a patented lock-miter setup. A difficult setup made easy.

### **KMT Water Jet Systems**

Presenter: Bob Pedrazas, Marketing Manager, KMT  
Time: Thursday, 10:30 – 11:20 a.m.  
Location: S120 KTC

This session will offer information on new technology in water jet cutting.

### **Cessna Avionics Engineering**

Presenter: Andrew Johnson, Cessna  
Time: Thursday, 10:30 - 11:20 a.m.  
Location: W218 KTC

A recent PSU graduate will talk about current duties at Cessna and how High School and PSU prepared him for his career.

### **Construction Activities for K-12**

Presenters: Dennis Audo and Jim Otter, Construction Engineering Technology and Management, PSU  
Time: Thursday, 10:30 – 11:20 a.m.  
Location: W110 KTC

This session offers summaries of programs used to increase the awareness and excitement in K-12 students in the construction industry. Programs to be reviewed are Block Kids, If I had a Hammer, Construct Your Future, NICE –I-Build and Kauffman Scholars.

### **Engine Performance Diagnostics Using Long Term Fuel Trim**

Presenter: Richard Augustus, BG Products  
Time: Thursday, 10:30 a.m. - 12:30 p.m.  
Location: N114 KTC

Engine performance diagnostics using long term fuel trim and scan tools are presented. Fuel quality and fuel efficiency concerns are also addressed.

### **Enhancing and Printing Digital Pictures**

Presenters: Dr. Robert Wiseman, Eastern Illinois University, and Robert Ferro, Graphics and Imaging Technologies, PSU  
Time: Thursday, 10:30 – 11:20 a.m.  
Location: E203 KTC

This session offers information on digital and traditional photography.

## **Sessions starting at 11:30 am**

### **PSU/PCMS Manufacturing Demonstration Project - Part 2**

Presenters: Larry Dunekack, Pittsburg Community Middle School and Michael Neden, Technology Education, PSU

Time: Thursday, 11:30 a.m. - 12:20 p.m.

Location: W103 KTC

Continuing the Manufacturing Demonstration Project with Pittsburg State Technology Education majors and 24 students from the Pittsburg Community Middle School presenting alive mass production project in the "Fixture Factory" located next to the Technology Education Laboratory on the west side of the Kansas Technology Center. Students will attempt to manufacture 100 products in a two hour session. Stop by and see this project in action.

### **Wikis and Podcasts in Technology Education**

Presenter: Vinson Carter, University of Arkansas

Time: Thursday, 11:30 a.m. - 12:20 p.m.

Location: S103 KTC

This presentation will offer teachers a variety of digital strategies that can help them motivate students to extend their knowledge and stay in touch with today's rapidly changing technology. Check out a number of applications/software to create wikis and podcast are free for everyone. You won't want to miss this session.

### **Retention of Family and Consumer Sciences Teachers in Kansas**

Presenters: Julie Dainty and Greg Belcher, PhD, Technical Teacher Education, PSU

Time: Thursday, 11:30 a.m. - 12:20 p.m.

Location: S111 KTC

School districts are finding it more difficult to find and keep quality teachers in the classroom and the area of Family and Consumer Sciences is no exception. What factors influence teachers to leave their positions as a Family and Consumer Science Instructor? This research is being presented to enlighten education preparation programs and school districts state-wide. Learn what Kansas FCS teachers identified as a contributor to this dilemma.

### **Adventures in Robotics**

Presenter: Randy Winzer, Electronics Engineering Technology, PSU

Time: Thursday, 11:30 a.m. - 12:20 p.m.

Location: W218 KTC

Presentation over the two week series of summer workshops presented for 9 to 14 year old students by the Department of Engineering Technology. Session will share curriculum ideas and how LEGO™ robotics can be used to introduce students to the concepts of teamwork and problem solving. Video footage from last summer's robotics workshops will be shown.

### **Concrete Testing and Lab Activities**

Presenters: Seth O'Brien, Dennis Audo and Matthew O'Brien, Construction Engineering Technology and Management, PSU

Time: Thursday, 11:30 a.m. - 12:20 p.m.

Location: W110/W108 KTC

The explanation and correct procedures to mix, place and test concrete, including slump test, air content and test cylinders that could be used in high school laboratory and outreach programs to enhance learning of the construction industry and math used in construction.

### **Art Direction and Photography**

Presenters: Rod Dutton, PITSCO and Max Good, Photographer  
Time: Thursday, 11:30 a.m. - 12:20 p.m.  
Location: S104 KTC

This session offer information on art directing a photographer to get required pictures for advertising products.

## **Sessions starting at 1:30 pm**

### **Manufacturing Enterprise Project at Frontenac High School**

Presenters: Keith Aikin and Eric Gudde, Frontenac High School  
Time: Thursday, 1:30 - 2:20 p.m.  
Location: W102 KTC

Frontenac High School students designed and set up a Manufacturing Enterprise and mass produced a product in their Technology Education Program. Technology Education instructors will share this experience and showcase this successful activity and their exciting plans for the future.

### **Model Technology Education Facilities Project**

Presenter: Larry Dunekack, Pittsburg Community Middle School  
Time: Thursday, 1:30 - 2:20 p.m.  
Location: S103 KTC

This session will showcase the current plans to design and implement a “Model Technology Education” Laboratory and program at Pittsburg High School based on Kansas and National Standards for Technology Education. Unique facility designs, integrated curriculum structures and creative classroom environments reveal the wonderful educational possibilities that are available in a “Center of Applied Learning.”

### **Online Courses for Certification**

Presenter: Dorothy Cady, Manager, eLearning Services  
Time: Thursday, 1:30 – 2:20 p.m.  
Location: S111 KTC

In this session, attendees examine the successes and challenges of using online courses to certify trainers to teach online, and to do so in a short period of time. They also review a process for determining what specific training requirements must be met in order to ensure that quality standards are met, and look at the four courses that make up the 120 day training program.

### **HR External Providers: A Strategic Partner**

Presenter: Susan Alumbaugh Bowling, HR Representative Employer Advantage  
Time: Thursday, 1:30 - 2:20 p.m.  
Location: S109 KTC

Explains how employment agencies have become strategic partners with businesses in making their human resources more efficient and responsive to change. Will discuss the expanding services that employment agencies now can provide to organizations of all sizes.

### **Green Technologies**

Presenter: Jere White, Kansas Corn Growers Association  
Time: Thursday, 1:30 – 2:20 p.m.  
Location: E119 KTC

As the demand for energy increases and the cost of oil escalates, alternative fuels draw more attention. Jere White, from the Kansas Corn Growers Association, will help address both the concerns as he explains the future of ethanol.

### **CNC Applications—Programming and Fixturing**

Presenter: Jason Withrow, Wood Technology, PSU  
Time: Thursday, 1:30 – 2:20 p.m.  
Location: E120/E145 KTC

This session will offer a look at MasterCAM software and different approaches to fixturing parts for machining. Also, a 5-axis CNC router demonstration.

### **Hypertherm's Educational Council**

Presenter: Phil McNew, Manufacturing Engineering Technology, PSU  
Time: Thursday, 1:30 – 2:20 p.m.  
Location: S120 KTC

This session will offer information on equipment donation and demonstration.

### **Teaching Introductory Electronics**

Presenter: Randy Winzer, Electronics Engineering Technology, PSU  
Time: Thursday 1:30 – 2:20 p.m.  
Location: W218/W216 KTC

A hands-on session (limited to 20 participants) covering laboratory activities utilized in teaching introductory electronics concepts. Participants will work in a laboratory setting to construct circuits and perform experiments utilizing resistors, transistors, motors, diodes, solenoids and other electronic devices.

### **Construction Planning and Estimating Activities for the Classroom**

Presenters: Shannon Nicklaus and Seth O'Brien, Construction Engineering  
Technology and Management, PSU  
Time: Thursday, 1:30 - 3:20 p.m.  
Location: W110 KTC

Simple activities to introduce the classroom and focus education on teamwork, communication, planning and estimating. These activities are conducted using blocks, paper and instruction.

### **Automotive Electrical Circuit Diagnosis Workshop**

Presenter: Tom Smaldon, Automotive Techniques  
Time: Thursday, 1:30 – 4:00 p.m.  
Location: N117 KTC

**Hands-on seminar** will use electrical competition stations used in Kansas and National SkillsUSA Competitions. Activities include reading schematics; proper use of DVOM; troubleshooting voltage drops, etc.

### **The First Five Years in the Graphics Industry**

Presenter: Ryan Swartz, CP Solutions  
Time: Thursday, 1:30 – 2:20 p.m.  
Location: S104 KTC

From college to industry, experiencing technology changes in the last 5 years.

## **Sessions starting at 2:30 pm**

### **The Fixture Factory - Part 1**

Presenters: Michael Neden, Greg Rawlings and the Manufacturing Enterprise class  
at Pittsburg State University  
Time: Thursday, 2:30 - 3:20 p.m.  
Location: W102 KTC

Technology Education majors currently enrolled in the Manufacturing Enterprise class design and developed a product that was assembled in the morning Manufacturing Demo Session by 6th Grade Technology Education students from the Pittsburg Community

Middle School. Customized jigs, fixtures, and tooling was created by these students in order to produce the finished product. A second set of jigs and fixtures was designed and developed to allow 24 “lucky” Four States Regional Conference attendees to participate in a special session that will allow them to replicate a complete set of fixtures to use in their classroom to build the original product with their own students. Best of all, this session is “FREE” and participants will leave the Conference with a great classroom tool.

### **Freehand Technical Sketching - Part 1**

Presenter: Ben Yates, University of Central Missouri  
Time: Thursday, 2:30 - 3:20 p.m.  
Location: S103 KTC

This first session will introduce participants to a new creative teaching method for teaching Freehand Technical Sketching. For those interested in learning more, a second hands-on workshop will be presented immediately after this session.

### **Preparing New T&I Teachers to Advise SkillsUSA**

Presenter: Len Bogner, Ed.D., University of Central Oklahoma  
Time: Thursday, 2:30 – 3:20 p.m.  
Location: S111 KTC

This session will cover how Oklahoma prepares its new T&I teachers to advise their local Skills USA chapters. The session is designed to give the participant an understanding of the philosophy of Skills USA and how to supervise activities, guide participation, prepare members for leadership roles, and build relationships with industry.

### **Enhancing Design, etc. Through Web 2.0**

Presenter: Kenny Rigler, Fort Hays State University  
Time: Thursday, 2:30 - 3:20 p.m.  
Location: S109 KTC

As the Web 2.0 phenomenon accelerates, an increasing number of user-friendly, web-based tools are available that can increase productivity and collaboration. Many of these web applications are free and open for the public to use for personal, business, and educational needs. Workers and learners who capitalize on these applications provide themselves with a distinct advantage and position themselves for success in a technology-driven society. This presentation will demonstrate a variety of free, Web 2.0 applications that can be utilized in both the corporate and educational environments to enhance design, distribute content, increase communication, and foster collaboration. Specific topics to be demonstrated and explained will include; (a) Google SketchUp, (b) Google Docs, (c) RSS feeds and readers, (d) wikis, (e) blogs, and (f) podcasting.

### **Safety Programs**

Presenter: Jonathan Sims, Chevron  
Time: Thursday, 2:30 – 3:20 p.m.  
Location: E119 KTC

The impact a safety program can have on a business is designed to not only meet the goals of a safe workplace but to also enhance the profit margin. Jonathan Sims has worked for the Chevron Corporation in California and is responsible for both chemical and physical safety challenges in transporting oil from the Middle East to California. He will explain how Chevron has implemented Behavior-Based Safety into the everyday workings of a major corporation.

### **Microvellum – Overview of Engineering Software**

Presenter: Doug Hague, Wood Technology, PSU  
Time: Thursday, 2:30 – 3:20 p.m.  
Location: E120/E145 KTC

This session will offer a look into engineering software that is available to some secondary school programs.

### **HAAS Education Programs**

Presenter: John Crider, HAAS Manufacturing

Time: Thursday, 2:30 – 3:20 p.m.

Location: S120 KTC

This session will offer information on training opportunities for educators.

## **Sessions starting at 3:30 pm**

### **The Fixture Factory Part 2**

Presenters: Michael Neden, Greg Rawlings, and the Manufacturing Enterprise class at Pittsburg State University

Time: Thursday, 3:30 – 4:20 p.m.

Location: W102 KTC

This is the continuation of The Fixture Factory 1:30 pm interest session.

### **Freehand Technical Sketching Part 2**

Presenter: Ben Yates, University of Central Missouri

Time: Thursday, 3:30 - 4:20 p.m.

Location: S103 KTC

This hands-on workshop is a follow-up to the preceding session that is designed to allow participants to actually experience this new creative teaching method for teaching Freehand Technical Sketching.

### **Professional Development of Part-time Post-Secondary CTE Instructors**

Presenters: Brian Sandford, Ph.D. and Greg Belcher, Ph.D., Technical Teacher Education, PSU

Time: Thursday, 3:30 – 4:20 p.m.

Location: S111 KTC

This session presents research on the professional development needs of post-secondary CTE instructors. This information is pulled from research conducted in a national study of post-secondary administrators' perceptions of part-time faculty development needs.

### **Great Plains Joint Regional Training Center**

Presenter: Cameron Carlson

Time: Thursday, 3:30 – 4:20 p.m.

Location: E119 KTC

The objective of this presentation is to inform Safety/Emergency Management Industry members of this unique training facility located within the State of Kansas. The goal is to create positive exposure to the Great Plains Joint Regional Training Center.

### **New Hardware for the Woodworker**

Presenter: Paul Keifer

Time: Thursday, 3:30 – 4:20 p.m.

Location: E120 KTC

This session will offer information on the newest in the ever changing world of hardware for woodworking.

### **Formula SAE Competition**

Presenters: PSU Formula SAE Team Members

Time: Thursday, 3:30 – 4:20 p.m.

Location: S120 KTC

This session will offer information on the education/industry partnerships helping students with materials, processes, design, etc.

### **NSF – STEM Scholarships for Engineering Technology Students**

Presenter: Randy Winzer, PSU

Time: Thursday, 3:30 – 4:30 p.m.

Location: W218

A discussion of how you could potentially obtain a FULL-RIDE \$40,000 scholarship for your talented students to pursue a degree in Engineering Technology at Pittsburg State University. PSU was a recent recipient of over \$500,000 from the National Science Foundation to fund these scholarships.

### **Simple Elevated Slab Construction**

Presenter: Shannon Nicklaus, Construction Engineering Technology and Management, PSU

Time: Thursday, 3:30 - 4:20 p.m.

Location: W110 KTC

Design and construction of a simple concrete elevated slab. The use of inexpensive materials to teach concrete, design and basic construction math functions.

### **Page Layout Applications**

Presenter: Jim Kutz, Sun Graphics

Time: Thursday, 3:30 – 4:20 p.m.

Location: S104 KTC

This session offers information on the commercial use of Adobe InDesign, Photoshop and Illustrator.

## **Sessions starting at 4:00 pm**

### **SkillsUSA 2009 Automotive Service Technology Update**

Presenters: Ann Wick, KS SkillsUSA Director & Ron Downing, Contest Co-Chair

Time: Thursday, 4:00 PM - 4:30 p.m.

Location: N117 KTC

Items to be discussed will be a station review, and scores of the 2008 State contest, and the formula that will be used for the number of students each school will be allowed to send to the 2009 State contest.

## **Thursday Evening Sessions**

### **Kansas Technology Education Association (KTEA) Meeting**

Presenters: KTEA Officers and Dr. Kendall Starkweather, Executive Director of ITEA

Time: Thursday, 5:00 – 6:30 p.m.

Location: Frontenac High School

This year's meeting will include a special address from Dr. Kendall Starkweather, Executive Director of the International Technology Education Association. Dr. Starkweather will share some exciting plans and efforts by the International Technology Education Association to promote our profession across the nation. Dinner will be provided for KTEA members and guests, courtesy of PITSCO, Inc. Plan on taking an active role in our state association and get involved.

## **Friday, November 22, 2008**

### **Sessions starting at 8:00 am**

#### **Technology Education in Illinois**

Presenter: Brad Dearing, University High School  
Time: Friday, 8:00 – 8:50 a.m.  
Location: S109 KTC

This session will showcase the exciting Technology Education program at the University High School in Normal, Illinois. Mr. Dearing has been recognized by the International Technology Education Association as an outstanding Technology Education teacher. You won't want to miss the creative and innovative ideas that have been developed in this unique Technology Education program.

### **Technology Education in Georgia**

Presenter: Steve Price, Riverdale High School  
Time: Friday, 8:00 – 8:50 a.m.  
Location: S103 KTC

Steve Price has been recognized as one of the Outstanding Technology Education teachers in the country. His students consistently participate and win many of the State and National Technology Student Association competitions. His room is filled with trophies from these competitions and his students respond well to Steve's teaching style and methods. Check out his unique approach to teaching Technology Education and learn about this winning program in Georgia.

### **Student Success through Community College to University**

#### **Articulation: AAS to BAS**

Presenter: John L. Iley, Technology Studies, PSU  
Time: Friday, 8:00 – 8:50 a.m.  
Location: S111 KTC

Presentation addresses frequently addressed questions about the BAS; systematically compares the BAS in Technology to conventional BS degrees in Technology; outlines the benefits of this "2 plus 2" completion degree for community colleges, its students, and the four-year university. Supporting materials will be provided.

### **How to Conduct an Energy Audit**

Presenter: Randy Degenhardt, Westar Energy  
Time: Friday, 8:00 – 8:50 a.m.  
Location: E119 KTC

The need to improve energy efficiency is a growing concern for schools and businesses to survive. PSU has partnered with Westar Energy to provide the most current and up-to-date practices. This workshop exposes attendees to methods of evaluating their energy usage and applications they can employ to improve the overall efficiency of their facility.

### **Safety Programs for High School Instruction**

Presenter: David McDonnell, OSHA  
Time: Friday, 8:00 – 8:50 a.m.  
Location: E119 KTC

The Occupational Safety and Health Administration is designed to provide the education necessary to enable young people the opportunity to learn in a safe environment and to learn how to create a safe workplace in the future. This presentation is designed to help educators learn best management practices that will allow them to meet guidelines in their classroom environment and to educate their students for the future.

### **WoodLINKS**

Presenter: Mark Smith, WoodLINKS  
Time: Friday, 8:00 – 8:50 a.m.  
Location: E120 KTC

This session will offer information on how WoodLINKS can help keep our woodworking programs alive and well.

### **NSF – STEM Scholarships for Engineering Technology Students**

Presenter: Randy Winzer, PSU  
Time: Friday 8:00 – 9:00 a.m.  
Location: W218

A discussion of how you could potentially obtain a FULL-RIDE \$40,000 scholarship for your talented students to pursue a degree in Engineering Technology at Pittsburg State University. PSU was a recent recipient of over \$500,000 from the National Science Foundation to fund these scholarships.

### **Pro-Cut On-Car Brake Lathe Seminar**

Presenters: Pro-Cut Representative  
Time: Friday, 8:00 - 9:20 a.m.  
Location: N114 KTC

On-car brake lathe training seminar presentation. Pro-cut works closely with the NACAT association in providing this specialized training. This is a must presentation for those involved in teaching brakes. Resource materials will be available.

### **Jungletron**

Presenters: Troy Comeau, Director of Broadcasting, PSU  
Time: Friday, 8:00 – 8:50 a.m.  
Location: S104 KTC

This session offers information on the installation of the Jungletron at Carney Smith Stadium.

## **Sessions starting at 9:00 am**

### **Technology Education Roundtable**

Presenters: Michael Neden, Technology Education, PSU & Dr. Kendall Starkweather, Executive Director, ITEA  
Time: Friday, 9:00 – 9:50 a.m.  
Location: S103 KTC

Michael Neden has been chosen to serve as the Chairman of a special Strategic Task Force with a mission to create the guidelines for the design and development of a model, standards-based, laboratory that can be used to “standardize” Technology Education laboratories across the country. This session will be presented in two parts. The first part of the session will introduce the premise for this effort and presenters will share the state of our profession at this time. The second part of this session will allow conference participants to provide input and share ideas. This input will prove invaluable as the Task Force proceeds with this important work. All attendees that have an interest in the future of our profession should attend this session and provide this valuable information.

The ITEA Strategic Task Force 2.2 will meet immediately following the Four States Technology Conference at the Kansas Technology Center at Pittsburg State University on Friday, November 21st and will conclude on Saturday, November 22, 2008.

### **Establishment and Development of Industry Relationships**

Presenter: Dwayne Hale, Fort Scott Community College, Harley Davidson Program  
Time: Friday, 9:00 – 9:50 a.m.  
Location: S111 KTC

This presentation will share ideas of how representatives from the Harley Davidson program has made and maintained connections with individuals in business and industry

as well as corporate connections. At the end of this presentation, there will be time for others to share what they have done in this area.

### **Certification: Promoting your Personal Image**

Presenter: Robert Schwindt, Technology Management, PSU  
Time: Friday, 9:00 – 9:50 a.m.  
Location: S109 KTC

A look at Certification for human resource practitioners, with an explanation of the Certified Professional in Learning and Performance (CPLP) now offered by the ASTD Certification Institute for human resource development practitioners. Will compare CPLP certification with PHR and SPHR human resource management certification.

### **The State of Kansas Energy**

Presenter: Ray Hammarlund, Kansas Corporation Commission  
Time: Friday, 9:00 – 9:50 a.m.  
Location: E119 KTC

Kansas is currently evaluating the demand for energy and the best practices to meet the future needs for the state. The Kansas Corporation Commission is responsible for providing the most current information to the governor's office enabling the development of strategic planning. Attendees will be provided information to help them create a person energy plan.

### **Microvellum – Overview of Engineering Software**

Presenter: Doug Hague, Wood Technology, PSU  
Time: Friday, 9:00 – 9:50 a.m.  
Location: E120/E145 KTC

This session will offer a look into engineering software that is available to some secondary school programs.

### **Integrating Catia into a Manufacturing Curriculum**

Presenter: Buford Pringle, Butler Community College  
Time: Friday, 9:00 – 9:50 a.m.  
Location: S120 KTC

This session will offer information on CATIA in a manufacturing curriculum.

### **West Point Bridge**

Presenter: Bill Strenth, Construction Engineering Technology and Management, PSU  
Time: Friday, 9:00 - 9:50 a.m.  
Location: S106 KTC

An interactive computer software demonstration and hands on activity for simulating bridge design. The West Point Bridge Designer 2007 will introduce you to engineering through an authentic, hands-on design experience. This software provides you with the tools to model, test, and optimize a steel highway bridge, based on realistic specifications, constraints, and performance criteria. Presentation will be from 9:00 to 9:50 Friday. The competition for the lowest successful price will receive a prize at Friday's lunch.

### **LogixPro PLC Simulation Software (Hands-on Lab)**

Presenter: Jim Henning, Electronics Engineering Technology, PSU  
Time: Friday, 9:00 - 10:30 a.m.  
Location: W213 KTC

A hands-on session (Limited to 20 participants) covering laboratory activities utilizing LogixPro PLC simulation software. Participants will work in a laboratory setting to perform experiments.

### **Teaching Design On-line**

Presenter: David Oldham, Graphics and Imaging Technologies, PSU

Time: Friday, 9:00 – 9:50 a.m.

Location: S104 KTC

This session offers information on using web-based software to deliver a creative class.

### **Sessions starting at 9:30 am**

#### **Toyota New Product Update: Tundra Technologies**

Presenter: Brett Eichkorn, Toyota Motor Sales, USA

Time: Friday, 9:30 - 11:30 a.m.

Location: N117 KTC

New product technology associated with 2009 Tundra---engine, power train, etc. This is a new product update with hands-on laboratory activities.

### **Sessions starting at 10:00 am**

#### **Tool Time**

Presenters: Colin Sutter as *Tim “The Tool Man” Taylor*

Keith Aikin as *Al Borland*

Hannah Burdette as *Heidi*

Host: Michael Neden

Time: 10:00 – 11:30 a.m.

Location: S102 KTC

#### **Does Everybody Know What Time It Is? It’s “Tool Time” of course.**

This fun-filled Focus Session will feature a variety of new “tools, equipment, and projects” that can be used in the Technology Education classroom and laboratory. Your “professional” hosts will introduce various tool and supply vendors and presenters in a quick hitting format that will keep you going for the entire session.

This is one of the most popular sessions at the Four States Regional Technology Conference and is limited to the first 100 attendees to sign up. You must have a “Tool Time” Ticket to win some of the many “freebies” that will be passed out during the session, so you won’t want to miss this exciting presentation.

Participating corporate sponsors include:

- The Home Depot
- Lowe’s Home Improvement
- PITSCO, Inc.
- The Danaher Group
- DEPCO, Inc.
- Snap-on Tools

#### **Catia Direct Machining at the Community College Level**

Presenter: Buford Pringle, Butler Community College

Time: Friday, 10:00 – 10:50 a.m.

Location: S120 KTC

This session will offer information on how community colleges can use CATIA as their CAM software in manufacturing.

### **Color Correction with Photoshop**

Presenter: David Sours, Graphics and Imaging Technologies, PSU

Time: Friday, 10:00 – 10:50 a.m.

Location: E104 KTC

This session will offer information on gray balancing for photographs using Adobe Photoshop.

### **Sessions starting at 11:00 am**

#### **The Kansas Career Pipeline: A Sophisticated Workforce Development Tool**

Presenter: Karen Cox, Marketing Director, Kansas Career Pipeline

Time: Friday, 11:00 – 11:50 a.m.

Location: S109 KTC

An explanation of the comprehensive, Internet-based education and career assessment tool that guides young people and adults into careers that match their interests with the employment needs of Kansas business. Students and adults in career transitions can use the system free. Companies can post company information, career opportunities, and job openings.