

Session Descriptions
FOUR STATE REGIONAL TECHNOLOGY CONFERENCE

FRIDAY, NOVEMBER 16, 2007

Noon Banquet, Crimson & Gold Room, Overman Student Center

Keynote Speaker

Mr. Joseph Glassman, President and CEO, Glassman Corporation and Chairman, Kansas Postsecondary Technical Education Authority, Hays, KS.

“A View Toward 2020”

Mr. Joseph Glassman is President and CEO of the Glassman Corporation, a mechanical construction company in western Kansas. A professional licensed master mechanical contractor and master plumber, Glassman has utilized graduates of Kansas technology school in his own business and understands the technical industry's expectations of Kansas' technical colleges.

Mr. Glassman was appointed by Governor Kathleen Sebelius as Chair to the Post Secondary Technical Education Authority. The Authority, which operates under the Kansas Board of Regents, will oversee technical education in the state; aiming to standardize costs, credits, program and certifications.

THURSDAY, NOVEMBER 15, 2007

Session starting at 8:30 AM

Portable Foundry

Presenter: Russ Rosmait, Engineering Technology, PSU

Chair: Jim Otter, PSU

Time: Thursday, 8:30 – 9:30 AM

Location: S125 KTC

The design, development and building of PSU's portable foundry for use as a demonstration and educational tool for local schools. Also the 2008 metal casting instructors seminar will also be discussed.

THURSDAY, NOVEMBER 15, 2007

Sessions starting at 9:30 AM

Demonstration Manufacturing Production: Pittsburg Community Middle School 6th Graders & PSU “Gorilla Washer Toss”

Presenter: Larry Dunekack, PCMS and Michael Neden, Technology Studies, PSU

Chair:

Time: Thursday, 9:30 – 11:20 AM

Location: W103 KTC

Sixth graders from Pittsburg Community Middle School complete and assemble the “Gorilla Washer Toss” game under the supervision of PSU students. PSU students previously designed and built jigs and fixtures and planned the production sequence.

Social Security Benefits and Questions

Presenter: Tonya Butler, Social Security Administration

Chair:

Time: Thursday, 9:30 - 10:20 AM

Location: S111 KTC

As teachers progress in their careers, they face the realities of retirement and social security. How much do you really know about it? Find out.

AAS to BAS in Technology-Community/Technical College to University Articulation Model

Presenter: Dr. John Iley, Chairperson, Technology Studies and Automotive Technology, PSU
Chair:
Time: Thursday, 9:30 - 10:20 AM
Location: S111 KTC

Learn about this highly successful Bachelor of Applied Science in Technology degree used for articulating students with technology based associates degrees into bachelor programs. The BAS is used successfully with community college and technical schools through the state and nation. Literature will be provided.

Generations in the Workplace: Age Doesn't Matter, Unless You Are a Cheese

Presenter: Suzanne Alumbaugh Bowling, Employer Advantage
Chair:
Time: Thursday, 9:30 - 10:20 AM
Location: S109 KTC

This session will explore the strengths that each generation can bring to workforce and how to motivate different generations.

Emergency Response Planning for School Systems

Presenter: Pat Flynn, Technology Management, PSU
Chair:
Time: Thursday, 9:30 - 10:20 AM
Location: E119 KTC

This session will discuss the recent events that have occurred at public school systems around the country and the findings from numerous investigations. The discussion will examine recent legislation proposing emergency response plans for all public school systems.

Website Development & Printing in the High School

Presenters: Jill Stevenson and Sherri Begshaw, Chanute High School
Chair: Linda Grilz, PSU
Time: Thursday, 9:30 – 10:20 AM
Location: E209 KTC

In Chanute High School's In-House Training class, students gain real-like experience using industry standard software and equipment. Students take the skills they've learned in web design, multimedia, computer applications, accounting and entrepreneurship and apply them in the business world by creating business cards, brochures, wedding invitations, conference booklets, postcards and notepads.

CNC Applications/Fixturing

Presenter: Jason Withrow, Technology Studies, PSU
Chair: Jim Otter, PSU
Time: Thursday, 9:30 – 10:20 AM
Location: E120 KTC

A hands-on look at various fixtures and holding applications for CNC router. Spoilboards, vacuum fixturing, pods, gasketing and clamping methods will be shown.

3-D (Parametric) Modeling Software Interactive Demos

Presenter: Tim Thomas, Engineering Technology, PSU
Chair:
Time: Thursday, 9:30 – 11:30 AM
Location: S106 KTC

Discussion and hands on use of four 3-Dimensional Parametric Modeling Software Packages, Autodesk Inventor, CATIA, Pro/Engineer, and SolidWorks. Participants will work through an approximately 30 minute tutorial with each software package. The activities will be based on an introduction to the software for beginning users, but with participants having some knowledge of drafting/design practices.

How to Build & Race an Electric Car in the Kansas Electro Rally

Presenters: Joe Chretien, Fort Hays State University & Jerry Kinnamon, St. John High School

Chair:

Time: Thursday, 9:30 – 10:20 AM

Location: S102 KTC

Learn how easy it is to get involved in electric car racing, find out where to obtain necessary parts and materials, find out how to promote your project in the community.

Introduction to Architectural Desktop 3-D

Presenter: Justin Honey, Engineering Technology, PSU

Chair:

Time: Thursday, 9:30 – 10:20 AM

Location: S105 KTC

Interactive introduction to AutoCAD Architecture. Learn to automate drafting tasks through the use of 3-D parametric design.

General Motors “Duramax Diesel”

Presenter: Rory Perrodin, GM Instructor, Longview Community College

Chair: Scott Norman, PSU

Time: Thursday, 9:30 – 11:30 AM

Location: N109 KTC

Two-hour session provides the latest technology and technical information on this GM Diesel product.

THURSDAY, NOVEMBER 15, 2007

Sessions starting at 10:30 AM

Rapid Prototyping Machines: Finding New Uses-Interdisciplinary Approach

Presenter: Charles Rossetti, Technology Education, University of Arkansas

Chair:

Time: Thursday, 10:30 – 11:20 AM

Location: W102 KTC

We have seen the use of prototyping machines as valuable and sometimes invaluable technology for pre-engineering programs, young inventors and applications and to spark the interest of students to keep them motivated and engaged in our classes. How can we utilize this technology for architecture, technical drafting, physics, math and recruiting? Who can really benefit from this technology; students, teachers and programs?

Tort Law

Presenter: Ted McCormick, Technology Studies, PSU

Chair:

Time: Thursday, 10:30 - 11:20 AM

Location: S111 KTC

Are you as a technical education teacher comfortable with your present knowledge of tort law? Do you know how it can impact you? Find out.

Career Opportunities in Insurance

Presenter: John Thompson, Automotive Technology, PSU

Chair:

Time: Thursday, 10:30 – 11:20 AM

Location: N116 KTC

Learn about career opportunities in insurance for individuals that have interest in automotive technology and/or collision repair.

Workforce Development

Presenter: Mike Beene, Kansas Department of Commerce

Chair:

Time: Thursday, 10:30 - 11:20 AM

Location: S109 KTC

This session will outline Workforce Development Training Grants and provide a brief overview of the process associated with grant application and award.

Insurance and its Impact on Doing Business

Presenter: Brian Schrader, McGowan-Gordan Construction Company

Chair: Jerry Penland, PSU

Time: Thursday, 10:30 - 11:20 AM

Location: E119 KTC

This session will discuss the influence insurance has had on the profit margin and the ability for a private or public entity to deliver services.

Photographic Exposure: Understanding Light Reading

Digital Photography: Using Camera RAW

Presenters: Dr. Robert Wiseman, Eastern Illinois University and Robert Ferro, Graphics and Imaging Technologies, PSU

Chair: Robert Ferro, PSU

Time: Thursday, 10:30 – 11:20 AM

Location: E203 KTC

This session focuses on understanding light meters for photography.

Surface Preparation & Abrasives

Presenter: TJ Scribner, 3M

Chair:

Time: Thursday, 10:30 – 11:20 AM

Location: E120 KTC

A hands-on look at the methods of sanding and new abrasives designed to minimize this grueling task in woodworking. Attendees will have an opportunity for questions at the end of the session.

Composite Project: Carbon Fiber Dog Carrier & Vacuum Bag Molding Demo

Presenters: Joshua Cunningham and Bob Susnik, Engineering Technology, PSU

Chair: Rebeca Book, PSU

Time: Thursday, 10:30 – 11:20 AM

Location: W127 KTC

This session will include an introduction to “Composite” materials and processes, presentation of Senior Project utilizing carbon-fiber reinforcement in the construction of a dog carrier, with concluding demonstration of the vacuum-bag process.

Adventures in Robotics

Presenter: Randy Winzer, Engineering Technology, PSU

Chair: Jim Otter, PSU

Time: Thursday, 10:30 – 11:20 AM

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.

NCCER in Secondary Education

Presenter: Brandon Brill, Education Coordinator, Crossland Construction Company, Inc.

Chair:

Time: Thursday, 10:30 – 11:20 AM

Location: S103 KTC

An informative presentation on the need for construction education and training. A look at the NCCER curriculum available for construction education training. A look at the way Crossland Construction Company has partnered with area high schools using NCCER curriculum.

THURSDAY, NOVEMBER 15, 2007

Sessions starting at 11:30 AM

Building Skills – An Introduction to the Building Trades

Presenter: Chuck Knoepker, Educational Consultant, Paxton-Patterson

Chair:

Time: Thursday, 11:30 AM - 12:20 PM

Location: W110 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 DVD and curriculum sample will be provided.

What Counselors Need to Know about Career and Technical Education

Presenter: Dr. Greg Belcher, Technology Studies, PSU

Chair: Doug Younger, PSU

Time: Thursday, 11:30 AM - 12:20 PM

Location: S109 KTC

Market trends and issues in growth and economy in career and technical education.

Current Trends in Human Resource Management

Presenters: Emma Lindquist and Kristen Shelite, PSU

Chair:

Time: Thursday, 11:30 AM - 12:20 PM

Location: S111 KTC

This session will show current trends in Human Resource Management that are getting attention at professional conference.

The Role of Safety Programs

Presenter: Steve Bloess, State Fair Community College

Chair:

Time: Thursday, 11:30 AM – 12:20 PM

Location: E119 KTC

This session discusses the necessity of having a formal safety plan for large scale school projects that involve student participation as part of the learning process.

Design with Photography

Presenters: Rod Dutton, PITSCO and Max Good, Photographer

Chair: David Oldham, PSU

Time: Thursday, 11:30 AM - 12:20 PM

Location: E209 KTC

This session will look at art directing for design in photography.

Hardware Innovations and Design Alternatives

Presenter: Paul Keifer, Hafele Corporation

Chair:

Time: Thursday, 11:30 AM – 12:20 AM

Location: E120 KTC

Specialty hardware can make a difference in the utility of your product. See the newest innovations in product accessories. A must for the cabinet and furniture maker.

CATIA & CNC Machining

Presenters: Buford Pringle and Jacob Lehman, Engineering Technology, PSU

Chair:

Time: Thursday, 11:30 AM – 12:20 PM

Location: E103 KTC

CATIA software will be used to make a drawing of a part and then machine the part using a CNC machining center.

Senior Design Project: Handwriting Slant Board

Presenter: Paul Herring, Engineering Technology, PSU

Chair: Rebeca Book, PSU

Time: Thursday, 11:30 AM – 12:20 PM

Location: W129 KTC

A presentation of the process used in the development of a writing tablet for elementary kids with physical disabilities.

Avionics (Engineering the New CESSNA Mustang)

Presenter: Kim Burton, Cessna

Chair: Randy Winzer, PSU

Time: Thursday, 11:30 AM – 12:20 PM

Location: W218 KTC

A presentation focusing on the avionics systems for the Cessna Citation Mustang. The Mustang is Cessna's newest business jet, achieving full Federal Aviation Administration type certification on September 8, 2006. Kim is a PSU-COT alum who was involved in the development, testing and certification of the avionics for the Mustang.

Use of Polyethylene (PEX) Piping

Presenter: Mark Baker, Specified Systems

Chair: Jerry Penland, PSU

Time: Thursday, 11:30 AM – 12:20 PM

Location: S103 KTC

Uses of PEX in construction. Includes certification for those who attend this session and Design and Install Gas Piping session.

Winning the Baja SAE-Korea 2007 Competition

Presenter: Cody Emmert and Matthew Keller, Automotive Technology, PSU

Chair: Matthew Keller, PSU

Time: Thursday, 11:30 AM – 12:20 PM

Location: N115 KTC

The Baja ASE-Korea experience is shared in video and PowerPoint. Technical Q & A session included.

THURSDAY, NOVEMBER 15, 2007

Sessions starting at 1:30 PM

Enhancing Teaching & Learning with Tablet PCs

Presenter: Kenny Rigler, Technology Studies, Fort Hays State University

Chair:

Time: Thursday, 1:30 – 2:20 PM

Location: S109 KTC

Session topics: Experience the functionality of Tablet PC's and how they can be integrated into the classroom; understand how students can utilize Tablet PC's in and out of the classroom;

understand how instructors can utilize Tablet PC's for classroom preparation, presentation and demonstration.

Tech Literacy-What Counselors and Administrators Should Know

Presenter: Gary Price, Superintendent, USD 250 and Larry Dunekack, Pittsburg Community Middle School

Chair:

Time: Thursday, 1:30 – 2:20 PM

Location: S111 KTC

The question often asked is “what should we teach in the public school in terms of Technology Education?” A superintendent and teacher answer the questions for counselors and administrators.

Performance Reviews

Presenter: Connie Etzkin, City of Pittsburg

Chair:

Time: Thursday, 1:30 - 2:20 PM

Location: S109 KTC

This session will provide information on the performance appraisal process. Discussion includes the benefits of a performance review; the behaviors and tools supervisors should be using and the deliver of an evaluation.

American Society of Safety Engineers – Careers in the Safety Profession

Presenter: Jim Weaver, Director of Safety for Hallmark

Chair:

Time: Thursday, 1:30 - 2:20 PM

Location: E119 KTC

This presentation will discuss the potential of employment and the role education will play for the future.

New Technology Found with NASCAR Racing

Presenter: Mel Klushman, Klushman Racing

Chair: Larry Williamson, PSU

Time: Thursday, 1:30 – 2:20 PM

Location: S102 KTC

A real NASCAR will be shown with Mel sharing his experience in working with NASCAR team owners and how they use technology to win races.

Building an Electronics Lab on a Budget

Presenter: Joe Chretien, Fort Hays State University

Chair:

Time: Thursday, 1:30 – 2:20 PM

Location: W218 KTC

The basic building blocks of an extremely flexible electronics lab set-up that is cost effective, a plus in today's budget constrained education environment.

Design and Install Gas Piping

Presenter: Mark Baker, Specified Systems

Chair: Randy Winzer, PSU

Time: Thursday, 1:30 – 2:20 PM

Location: S103 KTC

Uses of flexible gas piping in construction. Includes certification for those who attend this session and Use of Polyethylene (PEX) Piping.

G-TEC Corp “Transmission Dynamometer Seminar/Demo”

Presenter: Steve Glassinger, G-TEC Corp, Nixon, MO.

Chair: Scott Norman, PSU

Time: Thursday, 1:30 – 4:30 PM

Location: N118 KTC

This three-hour session provides instruction on using G-TEC transmission dynamometer and its applications.

THURSDAY, NOVEMBER 15, 2007

Sessions starting at 2:30 PM

The Fixture Factory

Presenters: Michael Neden and Jared Dorsey, Technology Studies Pittsburg State University

Chair: Michael Neden, PSU

Time: Thursday, 2:30 – 4:30 PM. **Limited to 24 participants**

Location: Hall by W102 KTC

This Focus Session is especially designed to provide the Technology Education Teacher with a collection of “jigs and fixtures” for a series of unique projects that can be completed in most Technology Education laboratories. Participants will assemble a set of “jigs and fixtures” during the Focus Session that they will be able to take with them at the end of the session, free of charge. These “jigs and fixtures” have been designed by the Manufacturing Processes classes at Pittsburg State University and will be used later in the semester to manufacture over 100 units by 24 Technology Education students from Pittsburg Middle School in about 2 hours. Come be a part of this exciting new experience and get your “factory” started in your school just in time for Christmas. Email Mike Neden @ mnedden@pittstate.edu to reserve participation slot in “The Fixture Factory”.

Technology Education (Part A): A Doorway to Exploring Careers

Presenter: Ben Yates, Technology Education Program Coordinator, University of Central Missouri

Chair:

Time: Thursday, 2:30 – 3:20 PM

Location: S109 KTC

Hands-on, authentic experiences can lead students to a real discovery of career options. This session provides a broad introduction to the Exploring Careers courses developed for Missouri Technology Education programs.

Workforce Development – Career Opportunities in Construction

Presenter: Eric Stafford, AGC of Kansas and KC3

Chair:

Time: Thursday, 2:30 – 3:20 PM

Location: S111 KTC

AGC of Kansas and KC3 activities to promote workforce development in the state of Kansas.

Learning to Research: A Student Perspective

Presenter: Howard Y. Lo, University of Arkansas

Chair:

Time: Thursday, 2:30 - 3:20 PM

Location: S110 KTC

This session will provide approaches that help college students in understanding the concept of research.

Why Didn't I Think of That?

Presenter: Dave Miles, Technology Studies, PSU

Chair:

Time: Thursday, 2:30 – 3:20 PM

Location: E120 KTC

Low cost additions to your shop will increase its productivity. Items designed by woodworkers that can truly make a difference in your lab or workplace.

Lines and Views

Presenter: Nelson Parks, The Parke System, Springfield, MO
Chair:
Time: Thursday, 2:30 - 3:20 PM
Location: S109 KTC

This session shares a proven, highly successful method of teaching drafting and design to students.

Teaching Introductory Electronics: A Hands-On Session

Presenter: Randy Winzer, Engineering Technology, PSU
Chair:
Time: Thursday, 2:30 – 4:20 PM
Location: W216/W218 KTC *Limited to 20*

A hands-on session 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.

THURSDAY, NOVEMBER 15, 2007

Sessions starting at 3:30 PM

Technology Education (Part B): Career Exploration & Assessment

Presenter: Donald Scott, Senior Research & Curriculum Specialist, and Dr. Mike Grelle, Associate Provost, University of Central Missouri

Chair:
Time: Thursday, 3:30 – 4:20 PM
Location: S109 KTC

As a follow-up to the Technology Education; A Doorway to Exploring Careers, this session presents a scenario based assessment model that links course competencies to student outcomes through the use of technology.

ANGEL as an Online Tool

Presenter: Susan Dellasega, College of Technology, PSU
Chair:
Time: Thursday, 3:30 – 4:20 PM
Location: S110 KTC

This session will cover using ANGEL - **A New Global Environment for Learning** – for synchronous and asynchronous online learning. ANGEL is the new learning management system that Pitt State implemented this fall.

Press Simulators

Presenter: Doug Younger, Graphics and Imaging Technologies, PSU
Chair: David Oldham, PSU
Time: Thursday, 3:30 – 4:20 PM
Location: E107 KTC

Graphics training using press simulators software.

Formula SAE Competition – An Engineering Experience

Presenters: Larry Williamson and Tim Thomas, Engineering Technology, PSU
Chair:
Time: Thursday, 3:30 – 4:20 PM
Location: S125 KTC

The making of Formula SAE car. The 2006-07 PSU Formula SAE car will be shown. Video and photos of the Formula SAE West Competition will be shown.

Bobcat Equipment & New Accessories in Construction

Presenters: Paul Harrison, Taylor Killion, Justin Adams – Bobcat of Springfield
Chair: Jerry Penland, PSU
Time: Thursday, 3:30 – 4:20 PM
Location: S102 KTC

Bobcat of Springfield will present an overview of equipment safety, new technology, and versatility in attachments and uses for a variety of construction equipment.

FRIDAY, NOVEMBER 16, 2007

Sessions starting at 8:00 AM

Laser Engraving Activities for Technology Education

Presenter: Brad Lueger, Cass-Midway High School, Cleveland, MO

Chair:

Time: Friday, 8:00 - 8:50 AM

Location: W104 KTC

Laser engraving applications and activities appropriate for 7-12 graders are shared. Answers the question, "Why purchase a laser?"

Video and Audio Production for Mediated Coursework (see also Automotive "Skills")

Presenter: Jared Dorsey, Technology Studies, PSU

Chair:

Time: Friday, 8:00 – 8:50 AM

Location: S111 KTC

Use of video and audio software and systems to produce online instructional media productions.

Internet Teaching Resources

Presenter: Jason Ward, Graphics and Image Technologies, PSU

Chair:

Time: Friday, 8:00 – 8:50 AM

Location: E203 KTC

Using online resources for teaching software.

Finishing Materials & Processes

Presenter: Todd St. Martin, Cefla

Chair:

Time: Friday, 8:00 – 9:50 AM

Location: E120 KTC

Finishing materials and processes, including equipment, dye staining techniques and finishes, including Q & A.

High Pressure Water Jet Demo

Presenter: Jacob Lehman, Engineering Technology, PSU

Chair:

Time: Friday, 8:00 – 8:50 AM

Location: S121 KTC

A brief description of High Pressure Abrasive Water Jet cutting technology and its capabilities. Demonstration will be water cutting foam patterns for lost foam casting.

ARC Fault Interrupters & NEC

Presenter: Jeff Brooks, Technology Studies, PSU

Chair: Jeff Brooks, PSU

Time: Friday, 8:00 – 8:50 AM

Location: E223 KTC

A look at the new "high tech" circuit breakers that use electronic circuitry to detect arcing conditions in the wiring, cords, and appliances of homes.

The new 2008 National Electrical Code will require almost all circuit breakers used in new residential construction to be AFCI circuit breakers.

Construct Your Future: Summer Workshop

Presenters: Dennis Audo, Bill Strenth and James Otter, Engineering Technology, PSU

Chair:

Time: Friday, 8:00 – 8:50 AM

Location: W110 KTC

Details of a one week summer construction experience workshop for 8-12 year old students. Activities associated with the entire construction industry including design of structures, material testing, house and bridge design, construction surveying and electrical/mechanical systems.

SkillsUSA: Preparing for State Conferences and Competitions

Presenter: Ann Wick, KSDE, SkillsUSA Advisory

Chair: Ron Downing, PSU

Time: Friday, 8:00 – 8:50 AM

Location: S103 KTC

Updates and opportunities associated with starting and/or having a SkillsUSA chapter. Practical advice for current and prospective advisors and participants.

FRIDAY, NOVEMBER 16, 2007

Sessions starting at 9:00 AM

Serious Magic – Video Production in Technology Education

Presenter: Bill Briggs, Buehler Middle School, Buehler, KS

Chair:

Time: Friday, 9:00 – 9:50 AM

Location: W104 KTC

Learn about some “serious magic” in making video production and broadcasting.

Why Students Should Consider a Career in Print

Presenter: David Oldham, Graphics and Imaging Technologies, PSU

Chair: Doug Younger, PSU

Time: Friday, 9:00 – 9:50 AM

Location: S111 KTC

This session will discuss how print is experiencing an explosion of opportunities.

Talent Management

Presenter: Nathan Young, Training Leader for Global Procurement, Hallmark

Chair:

Time: Friday, 9:00 - 9:50 AM

Location: S109 KTC

In this informative session Nathan Young will discuss trends and evolutions in the workplace and how they will impact learning and development of personnel.

Partnerships for Public and Private Entities

Presenter: David McDonnell

Chair:

Time: Friday, 9:00 - 9:50 AM

Location: E119 KTC

The focus of this session is to identify the advantages of public and private enterprises in developing partnerships with Occupational Safety and Health.

What’s New with Welding?

Presenter: Phil McNew, Engineering Technology, PSU

Chair:

Time: Friday, 9:00 – 9:50 AM

Location: S128 KTC

A review of the newest welding technology from the American Welding Societies national conference in Chicago.

Plastic is Fantastic Workshop

Presenter: Paul Herring, Engineering Technology, PSU

Chair:

Time: Friday, 9:00 – 9:50 AM

Location: W129 KTC

A presentation about a summer workshop designed to build interest in elementary kids in the plastics industry.

West Point Bridge: The Interactive Bridge Building Program

Presenters: Bill Strenth and James Otter, Engineering Technology, PSU

Chair: Jerry Penland, PSU

Time: Friday, 9:00 – 9:50 PM

Location: S105 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.

Allen Bradley PLC Controls

Presenter: Steve Lovejoy, SMC Electric Supply

Chair:

Time: Friday, 9:00 – 9:50 AM

Location: W218 KTC

This session will provide information about the PLC providing the necessary force for keeping the US competitive in the manufacturing sector.

New Technology in Automotive Suspension Systems

Presenter: Bruce Cordell, Hunter Engineering Corporation

Chair: Matthew Keller, PSU

Time: Friday, 9:00 – 11:30 AM

Location: N114 KTC

Presentation and demonstration covers the latest advancements in automotive suspension systems and alignment equipment technologies.

FRIDAY, NOVEMBER 16, 2007

Sessions starting at 10:00 AM

“Tool Time”

Presenter: Michael Neden, Technology Studies, Pittsburg State University

Chair: Michael Neden, PSU

Time: Friday, 10:00 - 11:30 AM

Location: S102 KTC **Limited to 90 Attendees**

Do you know what time it is? It's “Tool Time,” of course. Limited to 90 attendees.

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. Some “freebees” will be passed out during the session, so you won't want to miss this exciting presentation.

Making a TECH Marketing DVD

Presenters: Kim Carlson, Marketing and Susan Dellasega, College of Technology, PSU

Chair: Susan Dellasega, PSU

Time: Friday, 10:00 – 10:50 AM

Location: S110 KTC

A new comprehensive DVD featuring the PSU College of Technology was produced last year. PSU Marketing Director Kim Carlson will share the steps taken to plan, produce and distribute a DVD to use for marketing purposes.

Success is Free: Try Giving Yourself Away

Presenter: Walter Keener, Powerflame, Inc.

Chair:

Time: Friday, 10:00 – 10:50 AM

Location: S109 KTC

The world needs more heroes and we possess within ourselves the ability to be heroes. The hero's pathway is a long, treacherous journey dedicated to the service to others. Yet we find ourselves embroiled in a trader's society that approaches life with the questions, "what can you give me?" Here is a delightful opportunity to explore the hero's path and understand how deeply the trader's philosophy has infused our lives.

Color Correction with PhotoShop

Presenter: David Sours, Graphics and Imaging Technologies, PSU

Chair: Doug Younger, PSU

Time: Friday, 10:00 – 10:50 AM

Location: E209 KTC

This session will discuss the importance of color management and gray balance.

GPS/Geocaching – Simple Activities for Students

Presenters: Shannon Nicklaus and James Otter, Engineering Technology, PSU

Chair: Jerry Penland, PSU

Time: Friday, 10:00 – 10:50 AM

Location: W107 KTC

An interactive exercise using hand held GPS units for orienteering and geocaching activities. Be prepared to go outside – weather permitting.