KANSAS DEPARTMENT OF EDUCATION

T&I INSTRUCTOR UPDATE

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AUGUST 2012

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RESOURCES

EVENTS

SPOTLIGHT: FREE RE-SOURCES



Welcome back for another awesome school year! I hope all of you had a restful summer and were able to stay cool in spite of the tremendous heat.

This Back-To-School issue will primarily concentrate on acquainting you with free instructional resources you can use in your classrooms. In this time of economic woes, we can use all the free help we can get!

We have had some staff changes at KSDE in the CTE department over the summer. Jay Scott, the new assistant director for CTE and Kurt Dillon, the new Agriculture consultant are both now on board full time. Our State Advisor for FCCLA, Charlotte Smith, retired in June and her replacement, Pam Lamb, will start in mid-August. When Pam arrives we will once again be at full staff! If you attend-

ed the K-ACTE conference in Wichita the first of this month you probably had the opportunity to meet both Jay & Kurt.

Part of our summer work included designing a new CTE Vision for Kansas. "All Kansas students are engaged in quality career pathways to prepare them for a lifetime of opportunities as productive and responsible citizens." We hope all of you will join us in making this vision a reality for Kansas students!

In addition, the CTE team has outlined some goals for us to work toward. The goals will be shared with the field before the first of September and are designed to help the CTE Consultants provide you with the best service possible.

In the Industrial Arts areas, we

had a few retirements, and our normal number of instructors moving to other districts. In addition, we have some new instructors that are coming to us from business/industry, from other states, and from our universities. I hope you will join me in welcoming everyone to their new job assignments! Please be sure to send me any and all new email addresses so I can update the Trade Instructors listsery.

Remember that I am here as a resource person for YOU, to help you in making your job easier and to ensure all of our students get the skills and knowledge they need to be successful in their chosen career fields. Contact me if I can be of assistance to you.

Kansas CTE Vision

All Kansas students are engaged in quality career pathways to prepare them for a lifetime of opportunities as productive and responsible citizens

DRIVE-IN WORKSHOP DATES SET

We are planning to hold four Drive-in Workshops across the state this fall to provide you with information about updates and changes to Pathways. These will be similar in scope to ones held in past years. The dates and locations are:

Sept. 18—Garden City (Clarion Inn, 1911 E. Kansas Ave., Garden City)

October 4-Wichita (Wichita Holiday Inn, 549 S. Rock Rd., Wichita)

October 9-Olathe (Instructional Resource Center, 14090 Black Bob Rd., Olathe)

October 24-Salina (Webster Conference Center, 2601 N. Ohio St., Salina)

All workshops will run from 9am to 3pm, with registration starting at 8:30 am. Please watch the KSDE Website &/or listserv announcements for the opening of the registration link.

Participants will be asked to print a copy of the 2013-14 Career Cluster Guidance Handbook from the KSDE website to bring with them. Career Cluster Guidance Handbook 2013-14

Calendar of Events

Sept. 18: CTE Drive-in workshop—Garden City

Oct. 4: CTE Drive-in workshop—Wichita

Oct. 9: CTE Drive-in workshop—Olathe

Oct. 16-17: SkillsUSA Fall Leadership Conf.—Hesston

Oct. 24: CTE Drive-in Workshop—Salina

Nov. 5-7: Annual KSDE Conf.

—Wichita

Nov. 11-14: 2012 National Partnership for LPSS Conference—Henderson, NV

Nov. 29—Dec. 1: Annual ACTE Conference—Atlanta, Georgia

Feb. 5-6, 2013: CTE Annual February Conf.—Manhattan, KS

Apr. 24-26, 2013: State SkillsUSA Conf./ Competition—Wichita

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SKILLSUSA NATL. LEADERSHIP CONF.

The National Leadership Conference this past June in Kansas City was very exciting for all involved! We are very proud of all Kansas students who participated and especially proud of the 19 medalists and 49 top ten finishers!

I, personally, am excited to announce that I was elected as the Region IV representative to the SkillsUSA National Board of Directors. This is a 3 year term and I am looking forward to representing not only Kansas, but SkillsUSA students across a several state area.

This fall will be busy for SkillsUSA chapters attending regional meetings and the Fall Leadership Meeting in Hesston on Oct. 16—17. I look forward to seeing you there.

I would also like to urge you to encourage your students to apply next year for the state SkillsUSA Scholarships and if you know of advisors and administrators who go above and beyond in the interests of SkillsUSA, don't forget to nominate them for advisor or administrator of the year!

If you are interested in starting a SkillsUSA Chapter at your school please contact Ann Wick at: awick@ksde.org or at 785-296-1067.



An Equal Employment/ Educational Opportunity Agency

The Kansas State Department of Education does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies:

KSDE General Counsel

120 SE 10th Ave., Topeka, KS 66612 785-296-3201

FROM A NEBRASKA NEWSPAPER

McCOOK GLASS & MIRROR INC.

is looking for hard working experienced employees that possess responsibility and are reliable. Must be selfmotivated and have a clean driving record.

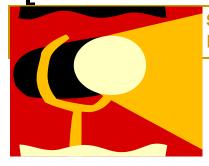
Please do not apply if you:

Oversleep, have no alarm clock, have no car, have been in court often, have no baby sitter every day, have to give friends rides to work later than we start work, experience flat

every week, have to hold onto cell phone all day, or become an expert at your job with no need to learn or take advice after

the first day. Must be able to talk and work at the same time, must be able to remember to come back to work after lunch. Should not expect to receive Purple Ribbons or Gold Stars for showing up to work on time.

For Interview Call 345-6240



TRANSPORTATION

Although it is not yet a specific area we cover in our Transportation pathway, distribution and logistics is a huge and growing field across the nation. Over the next few years we will probably be looking at developing some courses in this area, as we already have requests coming in from the Kansas City area.

Through a special federal grant project titled "Transportation Careers Project", a group in Illinois has developed over 600 lesson plans for distribution & logistics that are available free of charge to all Transportation instructors. You might find several useful lesson plans to incorporate into, not only transportation pathway courses, but also some STEM and Business Management courses. The lessons can be found at: www.transportationcareers.org.

There is even one five-session lesson plan in which the students build a solar car! In total, the plans include such topics as use of railway & aviation, technical math, career awareness, CDL licensing, space transportation, GPS & GIS systems, supply chains, project management, traffic and material flow, shipping cost calcu-

SPOTLIGHT ON: FREE INSTRUCTOR RESOURCES

lations, road & rail infrastructure, etc.

MEASUREMENT

Have students needing practice in **reading a ruler**??? The Ruler Game is a website that has timed sessions where students have to find a particular measurement on a ruler. The ruler can be set to test for up to 16th inches. Good practice for students who have not mastered this skill! The website is: http://www.rsinnovative.com/rulergame/

Want to teach students to **use a micrometer**? This webpage has animated information on how to use and read a micrometer. The webpage is: http://www.upscale.utoronto.ca/PVB/Harrison/Micrometer/Micrometer.html

ELECTRONICS/TECHNOLOGY

The **Complete List of iPad Tips, Tricks, and Tutorials** is a website that can help students get the most out of their iPad. It has helpful information on such things as maximizing the battery life, streaming video, multitasking on the iPad, saving web images, copy & paste text, importing & exporting Keynote presentations, etc. The webpage is: http://www.howtogeek.com/howto/14529/the-complete-list-of-ipad-tips-tricks-and-tutorials/

Want to create your own website or blog to post your student projects & achievements? **WordPress** may be the answer for you! WordPress is a free web software you can download to do just that! Check it out at: http://wordpress.org/

Looking for a way to have your students document their shop projects? The **Digital Scrapbooking** webpage has dozens of links to help students create their own digital scrapbook. This is an excellent way to incorporate 21st Century Skills into your lab-setting classes. A digital scrapbook of their project enables students to track their progress, organize and create a document and a presentation, create photo collages, and utilize computer software including Word & PowerPoint. A wonderful addition to any capstone project! The website is found at: http://schoollibrary2point0.wikispaces.com/Digital+Scrapbooking

CONSTRUCTION

If your construction program includes **forming & pouring concrete floors and foundations**, you may want to check out www.cement.org/basics. This website has information and videos on how concrete is made, what its components are, and how to work safely with concrete. The site even has lesson plans, activities and other resources about concrete. Created by the Portland Cement Association.

Interested in teaching your students about "Green Building" options? The U.S. Green Building Council has a website with hundreds of tips on how to incorporate "green" in your home. It touches on topics such as choosing a low-flow toilet, making a home more energy efficient, selecting "green" paint, choosing energy efficient lighting, etc. Looks like it would be wonderful resource for any of you teaching the Building & Remodeling course. It has a section called "Know How" with basic tutorials, and also a section on "Ask A Pro" where they answer questions. You can find this site at: http://greenhomeguide.com/



GOVERNMENT / LPSS

Foundations in Law is a free course curriculum developed by the Education Development Center in conjunction with the California Bar Association. It is a full year course covering such topics as: The Legal System in Action, Criminal Law, Lawsuits & Liability, Equal Justice Under the Law, and International Law & Human Rights. Free Material includes teacher resources, student materials, activities, PowerPoints, videos, etc. You will need to register with the website to access the materials, but there is no charge for this! The website is:

http://

lawandjustice.edc.org/

SPOTLIGHT ON: FREE INSTRUCTOR RESOURCES (CONTD.)

Foundations in Criminal Justice is a "sister" course to Foundations in Law. Again, this is a full year course. You have free access to all materials needed to teach the course—available through the same website as above. Topics covered include: There Ought To Be a Law, Responses to Crime, Presumed Innocent, Youth Justice, Punishment & Rehabilitation, Engaging Youth in the Law.

The National Institute of Justice website (http://www.nij.gov/) is a wonderful source for articles and videos on a wide variety of topics concerning criminal justice. All resources are free to access (you will need to create a free log in account). A few of the ones I have previewed include topics such as body armor for officers, how addiction changes the human brain, using research & DNA to solve sexual assaults, reducing mistaken eyewitness identifications in police lineups, and applying Carbon-

14 dating to recent human remains. As you can see the range of topics is wide! Plenty of lessons and discussion starters for the classroom.

The <u>Crime Scene Investigator Network</u> is a great website for those interested in information about Forensics. It contains information, articles, videos and career exploration information for the fascinating field of Crime Scene Investigations (CSI). The website is: http://www.crime-scene-investigator.net/

Ridges and Furrows is a website that contains all the information you want to know about fingerprints! Information includes the history of fingerprinting, early pioneers, latent print development, digital image technology, friction ridge identification and plenty of other related topics. Great classroom resource! Find it at: http://ridgesandfurrows.homestead.com