KANSAS DEPARTMENT OF EDUCATION

T&I INSTRUCTOR UPDATE

AUGUST 2011

INSIDE THIS ISSUE:

SKILLSUSA	2
COURSE CODE CHANGES	2
KSDE RETIREES	3
RPOS ASSESSMENTS	4
STUDENT CERTIFICATIONS	4
STATEWIDE ARTICULATION	5
NCCER TRAINING	5
CALENDAR OF EVENTS	5
STARLINK PD INFORMATION	6
FORD/AAA	6

WELCOME BACK!!

A new school year is upon us, filled with new opportunities for our students. I enjoyed meeting with many of you at the Annual K-ACTE Conference in Kansas City earlier this month.

Many of the PowerPoints and Handouts shared at the Conference will soon be available at the KSDE Website on the CTE pages. Please feel free to access them and share them with others in your building or district who could benefit from them.

We have several projects going at KSDE right now and we will do our best to keep you informed and involved in all projects that affect what you do.

We have updated the Advisory Committee Guidance Handbook to include more specific information on the Pathway Improvement Plan that you must report on in your annual Pathway Maintenance. Please check it out on the KSDE website at: http://www.ksde.org/LinkClick.aspx?fileticket=EwMMN7ZwtIQ%3d&tabid=1660&mid=3558&forcedownload=true

We have also updated the Career Cluster Guidance Handbook for 2012-2013. You will use it to assist in completing the Pathway Maintenance applications due by March 15, 2012. It is found online at: http://www.ksde.org/LinkClick.aspx?fileticket=fGM0obLGRfU%3d&tabid=249

Several other projects such as the End of Pathway Assessment Project, Student Certifications, Course Code number changes, etc. are covered in other articles in this newsletter so read it carefully and don't hesitate to contact me with any questions, concerns or ideas! Also, please send me pictures and stories of projects your students are working on so I can share them with other instructors.

I sincerely hope that you AND your students have a wonderful year!!

MOVING ON??

If you are a new teacher or have moved to a new school, please send me your new email address so I can be sure you remain on the Trade & Industry Listserv!

WEBSITES FOR THE CLASSROOM!

www.concretenetwork.com—Website for all things concrete—including a Concrete Calculator! Lots of articles and "How To" videos with design ideas and more.

www.greatbuildings.com/types/models/spatial_models.html—Presents 3D models of various buildings from around the world. From Architecture Week.

www.crime-scene-investigator.net—Information and links about all aspects of criminal investigation. Articles, videos, etc.– such as a video on how to cast footwear impressions.

www.howstuffworks.com/gears.htm—How gear ratios work. Explanation of how gears work—with animated illustrations.

www.greatachievements.org—The top 20 greatest engineering achievements of the 20th Century. From the National Academy of Engineering.

www.innerauto.com/Automotive_Systems/ - How Cars Work 101—Explanations for how every aspect of a vehicle works. Requires Java Plugin to view interactive images and animations.

CONGRATULATIONS TO SKILLSUSA NATIONAL COMPETITION WINNERS!

The week of June 20—24 was a busy, exciting time for Kansas SkillsUSA members and advisors at the National Leadership conference held in Kansas City.

Even those who did not bring home a medal were winners and participated in a wonderful learning experience. Kansas ended up with 12 national medalists and another 43 students who placed in the top ten!

Our Gold Medalists were Charlie Unsderfer & Dennis Unsderfer who competed in 3-D Visualization & Animation, and Michael Banowetz who competed in Residential Systems Installation & Maintenance. Charlie & Dennis are postsecondary students at Hutchinson Community College and Michael is a student at Labette County High School.

Silver medals were awarded to the 4-person Broadcast News Production team from Coffeyville Community College (Aaron Freeman, Jasmine Kyle, Brian Melies & Tristan Zavala); Ft. Scott Community College student Christopher Schaller in Carpentry, and to NCKCT student Christopher Hayes in Computer Maintenance Technology.

Bronze medals were awarded to Horton High School student Kayla Nigh in Job Skill Demo/Open and to the Web Design team of William Gates and Thomas Ryan from Hutchinson Community College.

You can visit the SkillsUSA Kansas website at www.skillsusaks.org for more information about the Conference and about the upcoming schedule of events that include the Fall Conferences at several locations throughout the state. You can also contact the State Director, Ann Wick at 785-296-1067 or awick@ksde.org

SkillsUSA KANSAS

COURSE CODE NUMBER CHANGES

We have made a change to two common course codes this year. If your Pathway offers either or both of these courses you will need to go into the KCCMS system and add these as new courses. DO NOT edit the old courses. You have had students take these courses under the old numbers, so they need to stay in the system for transcripting purposes.

Moving forward, however, these codes will need to be mapped before you can complete the CPPSA Maintenance Application for the 2012-2013 School year. The Maintenance Application is due to KSDE by March 15, 2012.

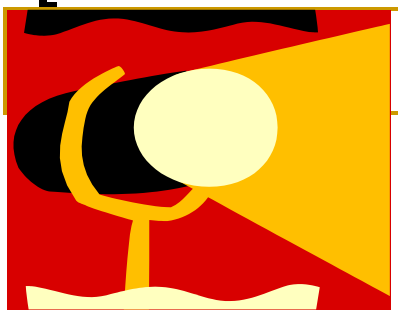
The first course is 17001—Introduction to Industrial Technology. It will now use the number 38001. This course is required for all Construction Pathways and is an optional Introductory course for Design & Pre-Construction, Production, Maintenance, and Transportation Pathways.

The second course is 17999 Advanced Studies. It will now use the number 38050. This course is only available in the Design & Pre-Construction Pathway.
The description and competencies are unchanged for both courses.

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



SPOTLIGHT ON: KSDE RETIREES

The KSDE CTE team has lost two vital members this summer to retirement!

Sharon Ketter, Data Analyst, retired the end of June. Sharon served in this position for over 25 years and is missed by everyone at the State and Local levels. Any of you who needed help or had questions about Program Assurances, Year-end Reports, and all of the other data she worked with know first-hand how valuable she was to everyone in the world of Career and Technical Education in Kansas. Sharon is now spending time with her children and grandchildren and is enjoying a well-deserved rest!

Sharon Ketter

Vernon Schweer retired on August 1 as the Agriculture Education Program Consultant. Vernon tirelessly traveled across the state meeting with Ag Instructors and students, and like Sharon, will be very difficult to replace. He worked at KSDE for about eight years and is well-known as a supporter of Agriculture Education. I'm sure you will still see him at the State Fair every year helping with the Agriculture Judging! Vernon is also planning to spend a lot of quality time working with his sheep and fishing with his grandchildren.

Vernon Schweer

We wish both of them well in wherever their future endeavors take them.

NO-COST PROFESSIONAL DEVELOPMENT OPPORTUNITY FOR INSTRUCTORS THROUGH STARLINK

The Kansas Board of Regents provides free access to undergraduate college credit courses for postsecondary instructors through the Starlink System. They are now expanding this opportunity to high school instructors. This is credit that could be used for teacher re-certification or for professional development points used for re-certification. Past course topics include: Leadership, Project Management, Teaching Strategies & Techniques, Tips for Online Instruction, Teaching to the Whole Brain, Perkins Grant Spending Allowables, Global Resources, Unleashing Creativity, and Insuring Academic Success.

For more information on this opportunity see the flyer on page 6.

RPOS Project– Standardized Assessments

Utilizing funding from a federal grant, four school districts and their postsecondary partner institutions are in the midst of developing Rigorous Programs of Study for their schools that will be used as Models for the rest of the State. The four districts are Wichita, Derby, Emporia, and Nemaha Valley. Each district is working on a Manufacturing Production Pathway. The postsecondary partners include Manhattan Area Technical College, Flint Hills Technical College, Butler Comm. College, Hutchinson Comm. College, and FHSU.

This past June, instructors in these programs gathered in Wichita to collaborate on developing course assessments (both written and hands-on) that will be utilized in all of the RPOS Project schools. This will enable us to have better data collection on the progress of the students.

Other schools in the state that have approved Production pathways may access these course assessments to use with their students. For each course they developed a test bank of questions to be used as a mid-term and final assessment, as well as a rubric to use in grading projects.

Assessments have been developed for:

- Welding (39207 & 39208)
- Mass Production (13052 & 39052)
- CAD (21107)
- Advanced CAD (21150)
- CAM (13204)

Learning that works for America CTE™

Student Certification/Credentials

The KSDE Registration site for the Industry-Recognized Certifications and Credentials Project is now open! As we did last year, the State is providing free access to your students for some specific certification/credentialing assessments. The assessments available include:

IC3 Core computing Certification

Microsoft Office Suite (MOS) Certification, Adobe Certification

OSHA 10 Hour General Safety & Construction Safety Certifications

Pre-Professional Assessment & Certification (Pre-PAC)

Kansas WorkReady! Certification

Today's Class Health Science Careers & Automotive Assessments

National Health Science Assessment

To access these assessment opportunities you must register at: http://events.ksde.org/Default.aspx?tabid=479 . Once you have registered you will receive a confirmation email that your registration was successfully submitted. Once your eligibility for the assessment is verified, an email will be sent to you describing next steps to get your students started. An individual Fact Sheet for each assessment is available on the KSDE registration website. You will need a separate registration for each different type of assessment you sign up for. If, after reading the Fact Sheets you have additional questions, contact Peggy Torrens at ptorrens@ksde.org

For most of the Trade & Industry Pathways you should be looking at the OSHA Certifications and the Kansas WorkReady! Certificates. Last year we had 381 Kansas students successfully obtain their OSHA Certification Card and another 297 who were still working on it at the end of the school year. This year we will have approximately 3300 OSHA course vouchers available, so be sure to register! This certification is available for students enrolled in approved pathways for Construction, Design & Pre-Construction, Production, Maintenance, Transportation, Ag Power, Health, and Law & Public Safety, as well as those still in the Automotive & Collision Repair area VE2 Programs.

STATE-WIDE ARTICULATION AGREEMENTS

We now have three Statewide Articulation Agreement signed and ready to be utilized by students! Two are from Manhattan Area Technical College (MATC) and cover all Kansas high school students who have graduated from a NATEF approved high school Transportation Pathway and/or those graduated from a Production Pathway that included Drafting/CAD.

The Automotive Agreement allows students to earn up to 11 credits in four of the NASEF Certification areas. The Drafting/CAD agreement allows students to earn up to 6 credits in Drafting courses.

The third Agreement is with Wichita State University and allows students graduating from an Engineering & Applied Mathematics Pathway to earn up to 6 credits in engineering courses.

As more state-wide agreements are finalized they will posted on the KSDE website and hopefully websites at KBOR and the Kansas Career Pipeline. We hope to have several agreements in place for use in the 2012-2013 CPPSA Maintenance Application process. We are currently in negotiations with several postsecondary institutions to get the Agreements designed.

NCCER Instructor Certification Training

The Kansas Construction Careers Coalition (KC3) supports Career and Technical Education programs of K-12 and postsecondary schools in Kansas. Members of the KC3 board agree that the NCCER curriculum and the credentials which it can provide will play a part in the development of the future workforce of the construction industry.

The KC3 sponsors the NCCER ICTP (Instructor Certification Training Program) which is required for all instructors before they can teach certified NCCER classes. Trainees who successfully complete Core and any module of other NCCER Curriculums are registered in an international registry. This instructor training offers the in-depth training required to assess and provide students with industry approved certification.

The cost for this training is $100 and includes all books and materials required to complete the workshop and lunch.

Two training dates have been set for this school year. The first is November 3-4 at the Pittsburg State University College of Technology. The second is February 16-17 at Hutchinson Community College. For more information and to register contact Ward Nippert at 316-634-6391 or wnippert@agcks.org.

Calendar of Events

August 8, 2011: CTE Drive-in Workshop– Great Bend

October 3, 2011: CTE Drive-in Workshop—Topeka

October 18—19, 2011: SkillsUSA Kansas Fall Leadership Conference—Hesston

November 3-4, 2011: NCCER Instructor Certification Training—Pittsburg State University

November 15, 2011: KSDE begins approving Pathway Applications—Online

February 7-8, 2012: CTE Annual February Conference—Wichita

February 16-17, 2012: NCCER Instructor Certification Training—Hutchinson Comm. College

March 15, 2012: All new & maintenance Pathway Applications due to KSDE—Online

Consultant Contact Information:

Peggy Torrens
KSDE– 120 SE 10th Ave.
Topeka, KS 66612
1785-296-2221
ptorrens@ksde.org

STARLINK PROFESSIONAL DEVELOPMENT CREDIT INFORMATION

The Technology Administration Program at Washburn University is now providing undergraduate credit for participation in the STARLINK Professional Development Program. STARLINK is an on-line, on-demand professional development system that allows you to participate on your time.

Apply to WU as either a degree-seeking or non-degree seeking student. If degree-seeking, declare the Technology Administration degree as the primary major.
Enroll in TA 360 B STARLINK Independent Study for 3 hours. You must contact Vickie Kelly, at vickie.kelly@washburn.edu or 670-2280 for the Course reference number (CRN).
Complete the course requirements.
For degree seeking students, up to 2 sections of TA 360 B (6 hours) will count toward bachelor's degree requirements. Additional requirements of the TA degree program will remain the same.

Course Requirements:

1) View a minimum of 9 STARLINK full-length (49-90 minute) Training Videos (http://www.starlinktraining.org)
2) Submit a written report for each video reviewed which includes the following topics:

A brief one-paragraph introduction to the topic

A brief section outlining the connection to either:
- Your professional area
- Your comprehensive professional development plan
- Specific area of interest for you

3) Reflection on the video, including but not limited to:

Relevance to your teaching skills
Relevance to your professional skills area
Impact or lack of impact on your knowledge, including whether you would recommend the video as a source to another
Additional information needed

4) Report format:

Name
Title
Institution
Department
Title of Video
Date of viewing

5) A report will be submitted through the Angel online format

FOR MORE INFORMATION CONTACT:

Vickie Kelly, Ed.D., Program Director
Technology Administration Program
Washburn University
785-670-2280
Vickie.kelly@washburn.edu

KANSAS TEAM TAKES 4TH IN NATIONAL FORD/AAA CONTEST

The 62nd Annual Ford/AAA Auto Skills Competition was held in June in Dearborn, Michigan. The team representing Kansas from Newton High School took 4th place!! We congratulate team members John Munger and Felix Torres as well as their instructor Robert Ziegler. This is the second consecutive year a team from Newton High School has placed in the top ten in this national competition. The annual state competition will be held again next May in Kansas City. We also thank Ford & AAA for continuing to sponsor this worthwhile event for students!