Kansas State Department of Education
Career and Technical Education (CTE)
2012 Fact Sheet

Career and Technical Education (CTE) in Kansas:

Kansas utilizes the National Career Cluster model. Technological advances and global competition have transformed the nature of work. Tomorrows jobs will require additional knowledge, improved skills and highly flexible workers who continually update their knowledge and skills.

The goal of Kansas CTE is to provide students with relevant contexts for learning through pathways to college and career readiness. Career Clusters link what students learn in school to the knowledge and skills they need for success in post-secondary education and careers.

Kansas CTE Major Responsibilities:

Kansas CTE has responsibility for overseeing the following:

Carl D. Perkins Federal Funds: These funds are available to established Career and Technical Education (CTE) programs that have successfully completed the pathway approval process. The funding is used to improve, expand, enhance and/or modernize existing programs/pathways.

State-Weighted Funding: Since the 1992 legislative session, .5 state-weighted monies have been available for state- approved career and technical programs. The funding is used to pay for instructor professional development, specialized equipment, and allow for smaller class sizes.

Career Clusters: The Career Clusters represent a grouping of occupations based on broad industry commonalities. Kansas has 31 pathways representing the 16 occupational clusters. This range of pathways provides opportunities to instruct and guide all students regardless of their career goals and interests. (Additional information: www.careertech.org)

Preparation for Tomorrow: This initiative is a multi-state collaboration to develop project-based curricula. Kansas is developing a four course sequence to expose students to cutting edge STEM content while simultaneously teaching students how to develop and deliver project-based instruction to others.

High Schools That Work (HSTW)/Technology Centers That Work (TCTW): This initiative is the nation's largest effort to combine challenging academic courses and modern vocational studies to raise the achievement of career-bound high school students. HSTW/TCTW is based on the belief that career-bound students will master complex academic and technical concepts when schools create an environment which encourages students to succeed.

CTE Career Clusters and Programs of Study:

Kansas K-12 schools are encouraged to develop career cluster pathways programs of study. **Programs of study prepare students for post-secondary education and career success** through the:

- Development of 21st century skills,
- Integration of academic and CTE competencies,
- Creation of post-secondary credit-bearing articulation agreements and,
- Opportunity to work toward industry-recognized credentials and/or certificates.

Thirty-one pathways fall within the career clusters:

- Agriculture, Food and Natural Resources
- Architecture and Construction
- Arts, AV Technology and Communication
- Business Management and Administration
- Education and Training
- Finance
- Government and Public Administration
- Health Science
- Hospitality and Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections & Security
- Manufacturing
- Marketing
- STEM—Science, Technology, Engineering & Math
- Transportation, Distribution & Logistics

For specific pathway information, contact the CTE education program consultants. Click on "consultants" in the right hand column of the following webpage link:

http://www.ksde.org/Default.aspx?tabid=249

The Importance of the Career and Technical Student Organizations.

Students can expand and/or demonstrate their 21st century and technical skills within the pathways through a Career and Technical Student Organization (CTSO). Nine recognized CTSO's fit the unique needs of each cluster. An active CTSO chapter is considered best practice. For more information contact the state advisors who are listed on this link: http://www.ksde.org/Default.aspx?tabid=292

For general information:

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