**Career Technical Education Month**

**February 2013**

***Facts from the Association for Career & Technical Education - ACTE***

What is Career and Technical Education (CTE)?

* CTE encompasses 94 percent of high school students and 13 million postsecondary students
* Includes high schools, career centers, community and technical colleges, four-year universities and more
* Educates students for a range of career options through 16 Career Clusters and 81 pathways
* Integrates with academics in a rigorous and relevant curriculum
* Features high school and postsecondary partnerships, enabling clear pathways to certifications and degrees
* Fulfills employer needs in high-skill, high-wage, high-demand areas
* Prepares students to be college- and career-ready by providing core academic skills, employability skills and technical, job-specific skills

Career technical education provides students:

* academic subject matter taught with relevance to the real world
* employability skills, from job-related skills to workplace ethics
* career pathways that link secondary and postsecondary education
* second-chance education and training
* education for additional training and degrees, especially related to workplace training, skills upgrades and career advancement

According to the Georgetown University Center on Education and the Workforce, middle-skill jobs, jobs that require education and training beyond high school but less than a bachelor degree, are a significant part of the economy. Of the 46.8 million job open­ings created by 2018, 30% will require some college or a two-year associate degree.

The Bureau of Labor Statistics (BLS) projects that middle-skill jobs (jobs that generally require some significant education and training beyond high school but less than a bachelor’s degree) will account for about 45% of all job openings projected through 2014.

Of the occupations requiring postsecondary education, those requiring an associate degree are projected to grow the faster than those requiring a bachelor degree.

By 2018, the U.S. will need at least 4.7 million new workers with postsecondary certificates, according to the Georgetown University Center on Education and the Workforce.

A person with a CTE-related associate degree or credential will earn an average of at least $4,000 more a year than a person with a humanities associate degree—and those with credentials in high-demand fields such as healthcare can average almost $20,000 more a year.

According to the Georgetown University Center on Education and the Workforce, 43% of young workers with Licenses and Certificates earn more than those with an associate degree, 27% of young workers with Licenses and Certificates earn more than those with a bachelor’s degree, and 31% of young workers with associate degrees earn more than those with a bachelor’s degree.

The career and technical educator believes in the worth and dignity of each individual and in the value of career and technical education in enhancing individual development. Consequently, career and technical educators strive for the highest ethical standards to merit the respect and confidence of students, colleagues and the community. They use their skills and knowledge to develop each of their students or colleagues to maximize human potential. This statement provides a framework by which to guide career and technical educators and the institutions through which they work in attaining the highest degree of professionalism.

***Facts from the National Governor’s Association – Specific to Kansas***

By 2018, sixty-four percent of Kansas jobs will require some level of post-secondary education or credential. Today, only 40 percent of Kansans 25 or older have a credential.

Over the next 10 years, Kansas will experience an increase of 99,000 jobs requiring post-secondary education.

More than 96,000 Kansans are unemployed while over 32,000 jobs remain open. This indicates a skills shortage and mismatch.

More than 500,000 Kansas adults have completed high school but never entered college.

More than 400,000 Kansas adults started a post-secondary education but never earned a credential.

The starting wage for Kansas positions requiring an associate degree is 60 percent higher for those with only a high school diploma.

According to 2010-2011 data from the U.S. Department of Education (the latest numbers publicly available); the total number of CTE students in Kansas was 80,824. This includes the following:

* Secondary: 45,817
* Postsecondary: 35,007

***Facts from Barton’s Workforce Training & Community Education Division***

* Barton’s **Automotive** program provides the latest in technology with state of the art equipment in their newly expanded lab. The program serves traditional college students and high school students from across the service area. The program may be started during the Fall or Spring semesters.
* Barton’s **EMS program** has the largest geographical area of any community college in Kansas and is a pioneer in online education. The program offers coursework at all levels of pre-hospital emergency care, including EMR, EMT, AEMT and Paramedic.
* Barton’s **Natural Gas Technician** program offers fast track certificates that may be completed in less than one year; students may also earn their degree in about 18 months. Barton provides the only natural gas degree offered in the state.
* Barton’s offers the only **Crop Protection Program** in the state preparing students for high demand, high wage jobs in the agriculture pest protection industry. Students can earn either a short term certificate or degree in this rapidly growing industry.
* Barton’s **Beef Cattle Production Program** provides students the training necessary for employment opportunities in the modern beef cattle industry with special emphasis on feedlot operations.
* Barton’s **Agriculture Business Management** area allows students to emphasize either crop or livestock production while providing the skills necessary to work in a business environment.
* Barton’s **Early Childhood Program** offers coursework both on campus and online. Students can earn a certificate OR degree. Through partnerships with Early Childhood Associate Apprenticeship Program (ECAAP), students can qualify for tuition/fees and books for twenty one credits that will assist them in achieving their career goals and work towards their CDA.
* Barton’s **Business/Accounting** area offers a two-year degree for job seekers and a degree for students transferring to a four-year institution. Coursework is available in both face-to-face and 100% online format. Our instructors will know your name in the first week and work closely with all students!
* Barton’s **Business Administrative Technology** program is 100% online. The program prepares students to work as an administrative assistant, office manager, executive secretary or customer service representative.
* Barton’s **Business Management & Leadership and Technical Accounting** programs are offered in both a face-to-face and 100% online format. These programs provide students with skills suitable for employment in lower level management, accounting clerk, accounts payable clerk, accounts receivable clerk, billing clerk, cash posting clerk and payroll clerk positions
* Barton’s Computer **Networking Specialist** offers a 32 hour certificate and a two-year degree. The certificate is available online. Students have the opportunity to participate in a computer club and experience hands-on classes.
* Barton’s **Corrections Degree Program,** a new fully online 17 hour certificate will be released soon. If you are interested in working in a correctional facility, we have the program for you! Barton designed the program in collaboration with the Kanas Department of Corrections.
* Barton offers a **Medical Assisting** program. A medical assistant has both clinical and administrative skills. More than 500,000 practicing physicians and hospitals in the United State rely on skilled medical assistant staff. Course offerings are offered in face-to-face and online formats.
* Barton offers a certificate program in **Medical Coding** that is available online. Without medical coders, the healthcare industry would be at a virtual standstill
* Barton’s **Medical Transcription** certificate is offered online. The program supports the use of personal computers or PDA’s to translate sound into text.
* Coming soon, Barton will offer a new **Computer Aided Drafting & Design** certificate program. Come explore the world of drafting using the latest CAD software available
* Barton’s **Nursing** program offers a Licensed Practical Nursing certificate and a Registered Nursing Associate degree in Applied Science. All nursing courses are offered on Barton’s main campus in Great Bend. Students have the opportunity to participate in hands-on learning in area healthcare agencies.
* Barton’s **Medical Laboratory Technician** program combines the value of tradition with the enhancements of innovation. The program is offered online with the exception of lab and clinical experiences. Clinical partners provide internships, giving students hands-on experience and access to state-of-the-art equipment.
* Barton offers a 16 credit hour certificate program in **Dietary Management.** The program prepares students to specialize in providing optimum nutritional care through foodservice management in hospitals, long term care facilities, schools, correctional facilities and other non-commercial foodservice settings. Barton partners with Kansas State University to offer a seamless transition to a Bachelor’s degree in Registered Dietetics.
* Barton offers **Certified Nursing Assistant** (CNA) and **Certified Medication Aide (CMA)** certificate programs**.** The programs are offered in area long term care facilities and prepare students to care for individuals in a variety of personal care settings.