

# CTE Monthly

February 2015

## CTE Quick Facts

### Did you know?

- ▶ 97 percent of public two-year colleges were offering online, hybrid/blended or other distance education courses by 2007.<sup>i</sup>
- ▶ About one-quarter of public two-year college students enrolled in courses that were either exclusively online or a hybrid/blended format in 2012.<sup>ii</sup>

## CTE Event on Capitol Hill, NASDCTEc Spring Meeting, New Publications

Join Members of Congress and congressional staff to hear about the latest legislative and regulatory issues impacting CTE at the U.S. Capitol Congressional Auditorium on **March 3** from **10:00am -12:00pm**. This event is part of [ACTE's National Policy Seminar](#) and is open to the public. In addition, registration is open for the [NASDCTEc Spring Meeting, April 8-10](#), in Washington, D.C. This meeting connects CTE leaders and stakeholders around themes including cross-systems collaboration, innovative state solutions and a state and federal policy outlook.

In addition, ACTE is expanding its Sector Sheet series with two new releases describing how CTE prepares the workforce for key industries—[CTE: The Key to Economic Development in Hospitality and Tourism](#) and [CTE: The Key to Economic Development in Financial Services](#).

These publications join our previous [Sector Sheets](#), which examined CTE's role in growing the qualified workforce in IT; health care; advanced manufacturing; agriculture, food and natural resources; biosciences; and energy.

i Fishman, [Community College Online](#), New America Foundation, 2015.

ii Ibid.

iii Georgetown Center on Education and the Workforce, NRCCTE and NASDCTEc, [Career Clusters: Forecasting demand for high school through college jobs: 2008-2018](#), 2011.

iv CTE Trailblazers, [Employment Projections for Architecture and Construction, 2010-2020](#), March 21, 2012.

v Georgetown Center on Education and the Workforce, NRCCTE and NASDCTEc, [Career Clusters: Forecasting demand for high school through college jobs: 2008-2018](#), 2011.

vi U.S. Bureau of Labor Statistics, [Employment Projections: 2012-2022 Summary](#), 2013.

vii Georgetown Center on Education and the Workforce, NRCCTE and NASDCTEc, [Career Clusters: Forecasting demand for high school through college jobs: 2008-2018](#), 2011.

## Career Spotlight



**CareerClusters®**  
PATHWAYS TO COLLEGE & CAREER READINESS

### Architecture & Construction

ed to grow by more than 30 percent between 2010 and 2020.<sup>iv</sup> The educational requirements for this Career Cluster are also evolving—by 2018, 34 percent of careers in the Architecture and Construction Career Cluster will require some form of postsecondary education.<sup>v</sup>

According to the Bureau of Labor Statistics, a total of 1.6 million jobs are expected to be added in construction and related fields by 2022.<sup>vi</sup> Although industries within this Career Cluster were among the hardest hit during the most recent economic recession, career

opportunities are projected to grow by 7 percent through 2018.<sup>vii</sup> Much of this expected growth can be attributed to the economic recovery currently underway. As this recovery continues, demand in the housing market will likely increase demand for the skilled workforce in this industry.

The Construction Occupation Program offered at [Northeast Metro 916 School District's Career and Technical Center](#) in St. Paul, Minnesota, exemplifies many of the elements that make up this dynamic Career Cluster. Partnering with nearby Century College and St. Paul College, as well as the City of North St. Paul, students have the opportunity to collaborate with local industry to design and build homes as a capstone project for their program—an endeavor for which the city provides partial funding.

The program itself is designed to expose students to many aspects of residential construction and is supported by a unique public-private partnership between the city of St. Paul and area businesses. Throughout the program students have the opportunity for dual credit, which articulates to local colleges and other postsecondary institutions.

## Sign the CTE Month Resolution

Every February, ACTE partners with its members nationwide to celebrate [CTE Month](#)—an exciting opportunity to recognize the critical role that CTE programs play in preparing America's students for college and careers. Senators Tim Kaine (D-VA), Rob Portman (R-OH), Tammy Baldwin (D-WI) and Johnny Isakson (R-GA), co-chairs of the Senate CTE Caucus, recently circulated a letter inviting their colleagues in the Senate to sign a resolution officially recognizing February as CTE Month. We encourage you to work with your colleagues to build awareness of and support for CTE by signing the CTE Month resolution!

## School Spotlight

### College of Southern Nevada

The largest postsecondary institution in Nevada, the [College of Southern Nevada](#) (CSN) has three main campuses as well as multiple sites and centers. There are 180 degree and certificate options available in more than 100 areas of study, including more than 25 programs available entirely online.<sup>viii</sup>



Las Vegas is the perfect setting for students to gain a cutting-edge, high-quality education in hospitality and tourism at CSN. The Department of Hospitality Management offers certificate and degree programs in casino management; culinary arts; pastry arts; food and beverage management; tourism, convention and event planning; and hotel management, which articulates to the William F. Harrah College of Hotel Administration at the University of Nevada, Las Vegas.

The award-winning faculty has extensive professional experience. All degree programs have exemplary status with the Accreditation Commission for Programs in Hospitality Administration; culinary, food and beverage programs hold exemplary accreditation from the American Culinary Federation; and the casino management program is the only such program in the nation to be accredited by the Commission on Accreditation of Hospitality Management.

In addition to classroom learning, students participate in work-based experiences such as internships, professional industry events and student-based enterprises, like Russell's Restaurant on CSN's Cheyenne campus.<sup>ix</sup>

## Student Spotlight

Rachel Van West credits DECA, the career and technical student organization for marketing and related fields; the Sunrise Mountain High School Academy of Hospitality and Tourism, a National Academy Foundation (NAF) site; and teacher Deb Moore with helping her achieve her dream job.



Photo courtesy of Beth Tyrrell-Prevost

At [Sunrise Mountain High School](#) in Peoria, Arizona, Van West joined DECA, which gave her a sense of direction and an edge on the competition for college scholarships through activities such as business simulations that built her technical, leadership and interviewing skills. She also participated in the NAF Academy of Hospitality and Tourism, where her work-based learning experiences helped her find her career path of marketing within the hospitality and tourism industry.

After graduating in 2010, Van West attended Arizona State University, earning a dual degree in marketing and business tourism. She is now employed with Choice Hotels International as a digital performance analyst. According to Van West, "My new role allows me to combine the role of digital marketer in the hospitality and tourism field, which is the best of both worlds for me."

## Community Colleges Support Employers

According to a [Georgetown Center on Education and the Workforce analysis](#), in the United States, \$1.1 trillion is spent each year on education and training beyond K-12: about 60 percent through formal programs (including postsecondary education, apprenticeships and certification training, federal job training and employer-provided training) and almost 40 percent through informal, on-the-job training.<sup>x</sup>

Within employer-provided formal training, 16 percent goes to tuition reimbursements and 46 percent is in-house training, while one-third is contracted out to colleges or other providers.

Community colleges are filling an important role by supporting local businesses through providing education to their employees—for instance, Jefferson Community and Technical College in Kentucky supports UPS with postsecondary training for its employees. Learn more with the ACTE publication [Business-education Partnerships in CTE: Driving American Competitiveness](#).

The Georgetown report also found that employers spend \$177 billion annually for formal education programs for their employees—up more than a quarter since 1994—and \$413 billion for on-the-job training. Colleges and universities spend \$407 billion on formal education per year.<sup>xi</sup>

viii College of Southern Nevada [website](#).

ix ACTE, [CTE: The Key to Economic Development in Hospitality and Tourism](#), 2015.

x Georgetown Center on Education and the Workforce, [College is Just the Beginning: Employers' Role in the \\$1.1 Trillion Postsecondary Education and Training System](#), 2015.

xi Ibid.



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