Learning that works for America
CTE™

STATE DIRECTORS
National Association of State Directors of Career Technical Education Consortium

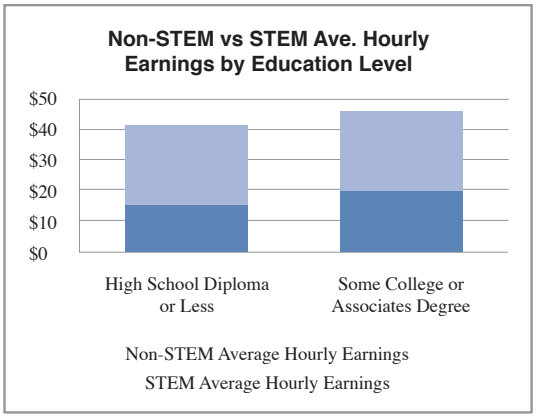
Career Technical Education (CTE)
Preparing Students in Areas of Job Growth

High-Demand Sectors Need Highly-Trained, Educated Workers: The sectors below account for 60 percent of current employment in the United States and are projected to account for 85 percent of new jobs through the end of the decade.[i]

Sectors with Projected Job Growth	Career Cluster Providing Education for Each Sector	# States Offering This Career Cluster
Healthcare	Health Science	48
Business Services	Business Management and Administration	44
Leisure and Hospitality	Hospitality & Tourism	45
Construction	Architecture & Construction	46
Manufacturing	Manufacturing	46
Retail	Hospitality & Tourism	45

The following five fields are expected to experience a shortage of qualified applicants and will need to be filled by skilled employees. CTE provides education and training for each of these high-need careers: **Nutritionists, Welders, Nurse's Aides, Computer Specialists, Engineers**

CTE Prepares Students for Careers and Further Education in Science, Technology, Engineering and Math (STEM) Fields



STEM Jobs are Growing: STEM occupations are projected to grow by 17 percent (2008-2018) compared to only 10 percent growth for non-STEM jobs.[ii]

Most States Offer STEM Training through CTE: As of 2010, 44 states offered training in these fields through the STEM Career Cluster.[iii]

STEM Degree-holders and Workers Earn More: STEM workers earn on average 25 percent more than non-STEM workers.

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i McKinsey & Company, An economy that works: Job creation and America's future, June 2011. http://www.mckinsey.com/mgi/publications/us_jobs/index.asp
ii U.S. Department of Commerce, Economics and Statistics Administration, STEM: Good jobs now and for the future, July 2011. http://www.esa.doc.gov/Reports/stem-good-jobs-now-and-future
iii National Association of State Directors of Career Technical Education Consortium, Survey of State Directors, 2010.