

## Expanding access and success through equity in high skill and high wage career pathways

Dona Ana Community College, New Mexico Faculty Professional Development Day Ben Williams, Ph.D., NAPE Consultant September 13, 2013



Concerns of faculty and staff in community colleges

- Access
- Retention
- Technical Skill Attainment
- Credential, Certificate and Degree completion
- Successful transfer on to a baccalaureate
- Job Placement

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## Objectives

- Understand where the jobs are and opportunities in career-
- Explore gaps in the participation and pipeline of specific sub-groups of students
- Learn specific strategies for the classroom and in student services to retain and maximize the success of students
- Explore specific resources that you can use

technical education and STEM pathways

 Walk away with 1-2 strategies that you can implement right away

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The U.S. Economy will grow from 140 million to 165 million jobs by 2020:

- 55 million job openings in the economy through 2020
  - -24 million new jobs
  - -31 million openings due to baby boomer retirements

Source: Carnevale, A.P.; Smith, N.; & Strohl, J. (2013). Recovery: Job growth and education requirements through 2020. Georgiann Public Policy Institute. Georgetown Center on Education and the Workforce June / Jerus policy policy of the 2020 August 2020 Augu

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## Opportunities across post-secondary pathways

For the next 55 million job openings (until 2020):

- 35% will require at least a bachelor's
- 30% will require some college or an associate's
- 36% will not require education beyond high school

Note: The US will fall short by 5,000,000 workers with post-secondary education – at the current production rate

Source: Carnevale, A.P.; Smith, N.; & Strohl, J. (2013). Recovery: Job growth and education requirements through 20(20. Georgitum Public Pulity Institute. Georgetown Center on Education and the Workforce.

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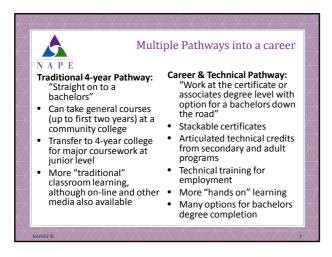


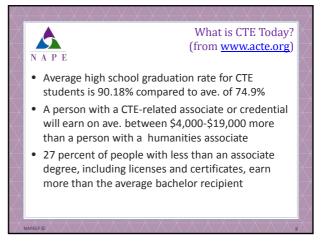
40% of jobs leading to "middle class" incomes require up to and through an associates degree

"There are 29 million 'middle jobs'...that pay \$35,000 or more on average and don't require a Bachelor's degree."

From Carnevale, A.P.; Jayasundera, T.; & Hanson, A.R. (2012). Career and Technical Education: Five Ways that Pay Along the Way to the B.A. Georgetown University Center on Education and the Workforce.

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The Five Ways that pay along the way to the BA

Certificates

Employer-based Training

Industry-based Certifications

Apprenticeships

Associate's Degrees

From Carnevale, A.P.; Jayasundera, T.; & Hanson, A.R. (2012). Career and Technical Education: Five Ways that Pay Along the Way to the B.A. Georgetown University Center on Education and the Workforce.



