

EdNET 2014

Insight. Networking. Success.

IN WITH THE NEW:

Set Your
Vision
in Motion

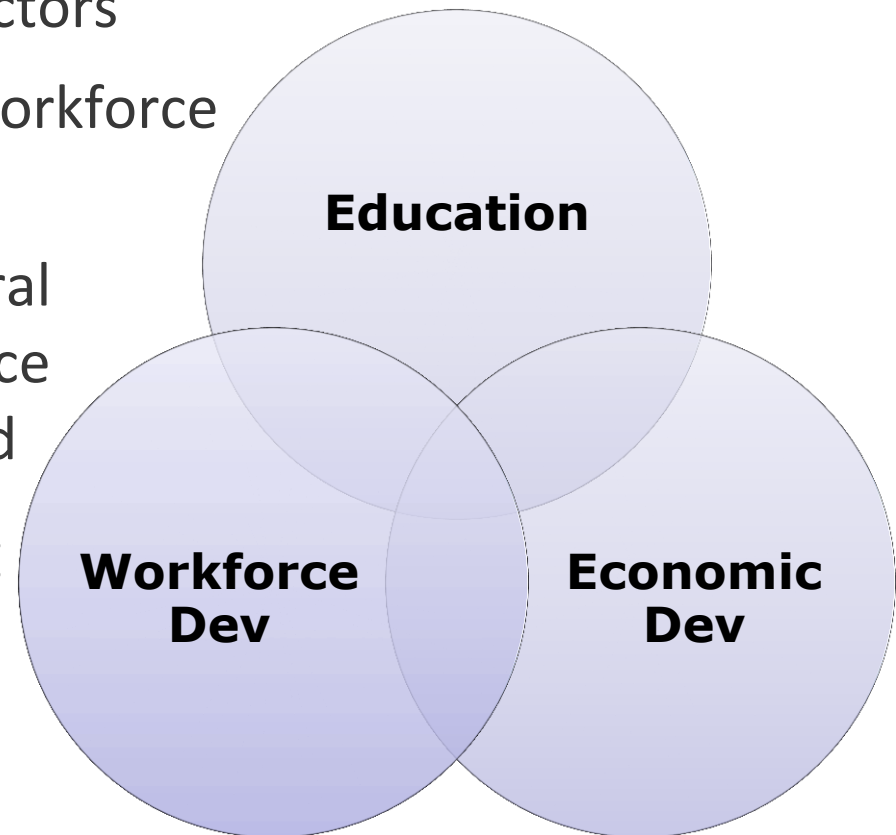
Distraction, or Disruption Whose Time Has Come?

Focus on Career and Technical Education



Who am I?

- Timm Boettcher
 - CEO Realityworks
 - ACTE Board of Directors
 - Chair of Industry Workforce Needs Council
 - Chair of West Central Wisconsin Workforce Development Board
- Focus on alignment





At Realityworks

Hands-on technology....

Infant Simulators



Business Education
Simulations



RealCareer®
Welding Solutions



Super serve CTE!

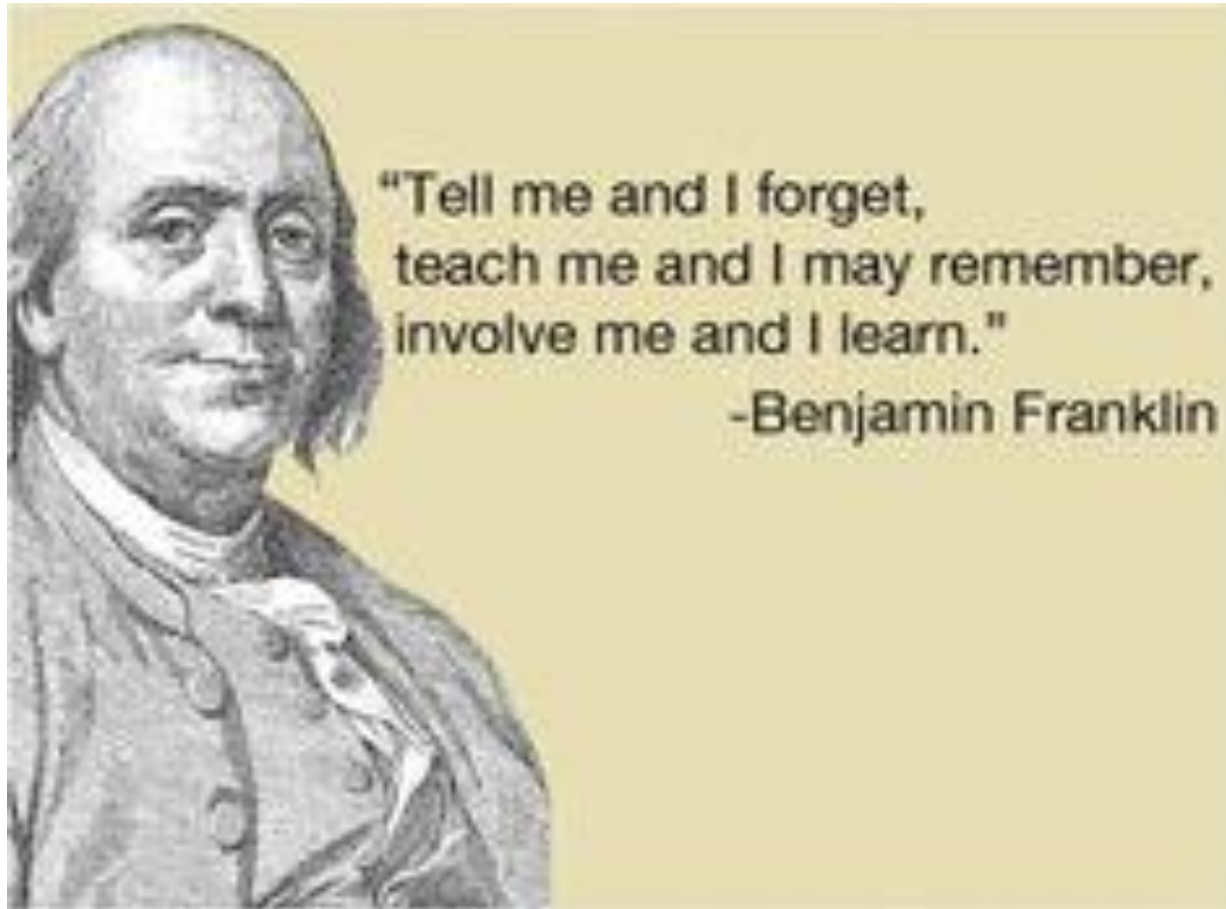
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Career and Technical Education(CTE)?

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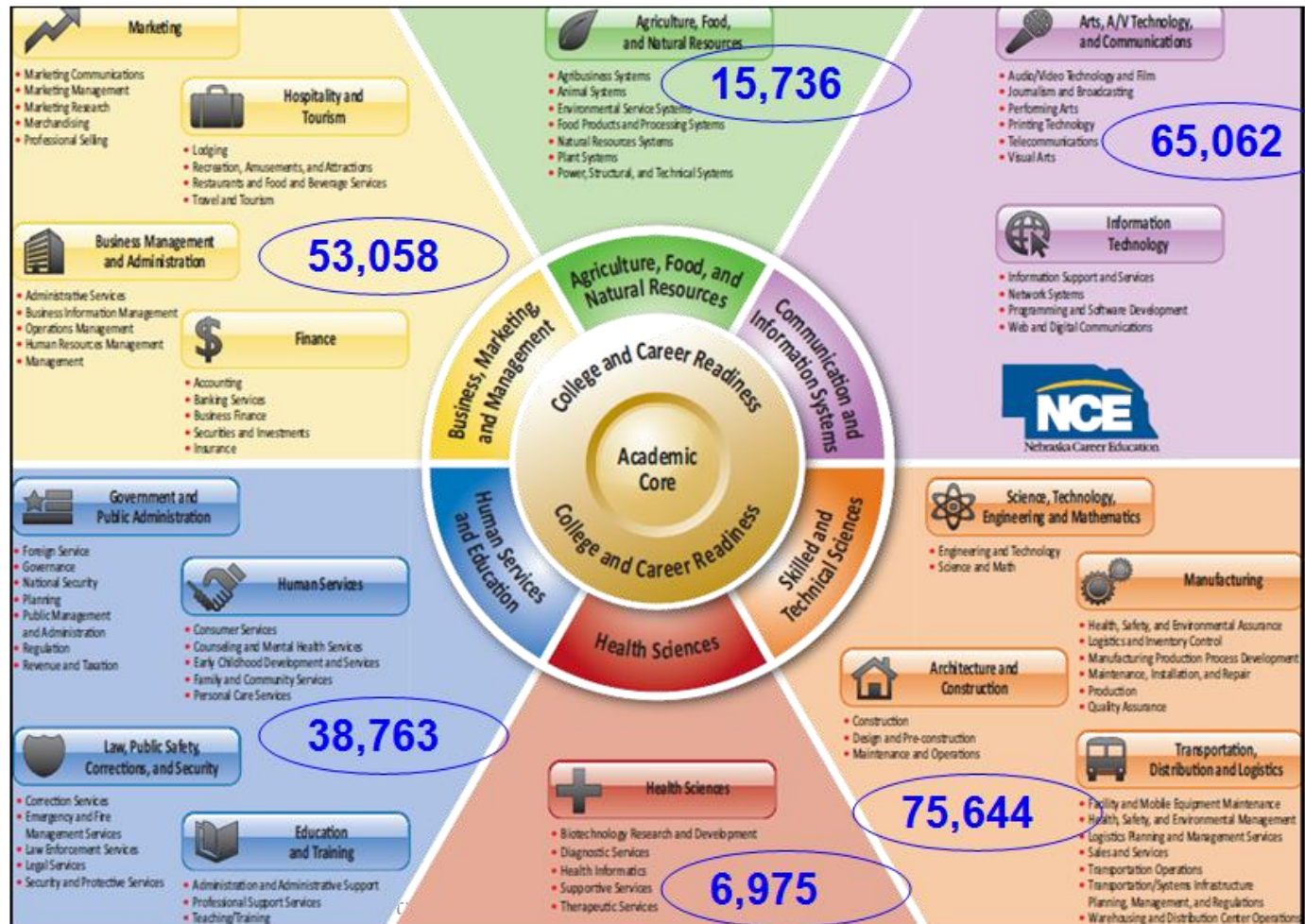
- **Connects students in a hands-on way to what they are learning**
 - Witness complex chemistry - internal combustion
 - Write a detailed quarterly business report
 - Academic and job skills taught together
- **Supported by the Carl D. Perkins Career and Technical Education Act of 2006 (Perkins Act)**
 - capacity building and technical assistance for CTE
- **Industry relevant training**



CTE: The Reach

Career Cluster Model

3077 CTE Department Chairs
11,172 CTE teachers (generalists)



CTE: The Reach

- 94% of high school students
- 12 Million Post-Secondary students
- Numerous secondary to / post-secondary partnerships (dual-credential)





CTE: The Support

- Widely supported
- Legislative
 - State and Congressional leaders
 - National CTE Legislative Caucus
 - “keep Perkins in place and strengthen CTE”
 - Numerous examples throughout the country of state level programs
- Arne Duncan vocal
- Industry
 - Trade organizations
 - Workforce Boards



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CTE: Industry Support

- Numerous Industry partnership case studies
 - Siemens
 - Trane
 - Milacron
 - UPS
 - AAR
 - Pacific Gas & Electric
 - Hypertherm
 - Toyota
- Workforce boards

Case studies available if you want to contact me
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CTE: Research Says

- 69% of students think vocational/skills programs (CTE) would be most helpful for getting a job
- Employers express satisfaction with new hires who complete a CTE or technical program.
- More than 90 percent of employers said they were very satisfied with the overall productivity, work quality, job-specific skills and teamwork of their new hires from CTE



More than nine out of 10 employers were satisfied with new hires who had career and technical training.



CTE: Research Says

- Connecticut
 - \$1 invested returns \$16.40
 - study shows \$5 billion annually in income
- Washington
 - \$1 invested earns \$9 in revenues
- Tennessee
 - \$1 invested returns \$2
 - CTE program completers account for more than \$13 million in annual tax revenues

CTE: CTSOs

Career and Technical Student Organizations

- Develop student leadership, collaboration, and teamwork skills
- Competitions
- Many CTE programs require
- Active engagement





CTE: Growing and Disruptive

- Using technology in meaningful ways
- Addressing major pain points for industry giving credibility
- Dual credentials creating more value for students and parents
- Guidance and exploration of career opportunities