

The Role of CTE in College and Career Readiness

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Overview



- What is CTE?
- What is CTE's Role in College and Career Readiness?
- Questions?

What is CTE?

Small group discussion (5 minutes)

- 1. Take the quiz*
- 2. Share your results with your table*
- 3. Report out*

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Future of CTE Summit

October 6-8, 2015 • Orlando, FL



NASBE

National Association of State Boards of Education

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

CCSSO
Council of Chief State School Officers



The Council of State Governments



Association for Career and Technical Education
ACTE



NATIONAL SKILLS COALITION



U.S. CHAMBER OF COMMERCE FOUNDATION

NATIONAL GOVERNORS ASSOCIATION

What is CTE?

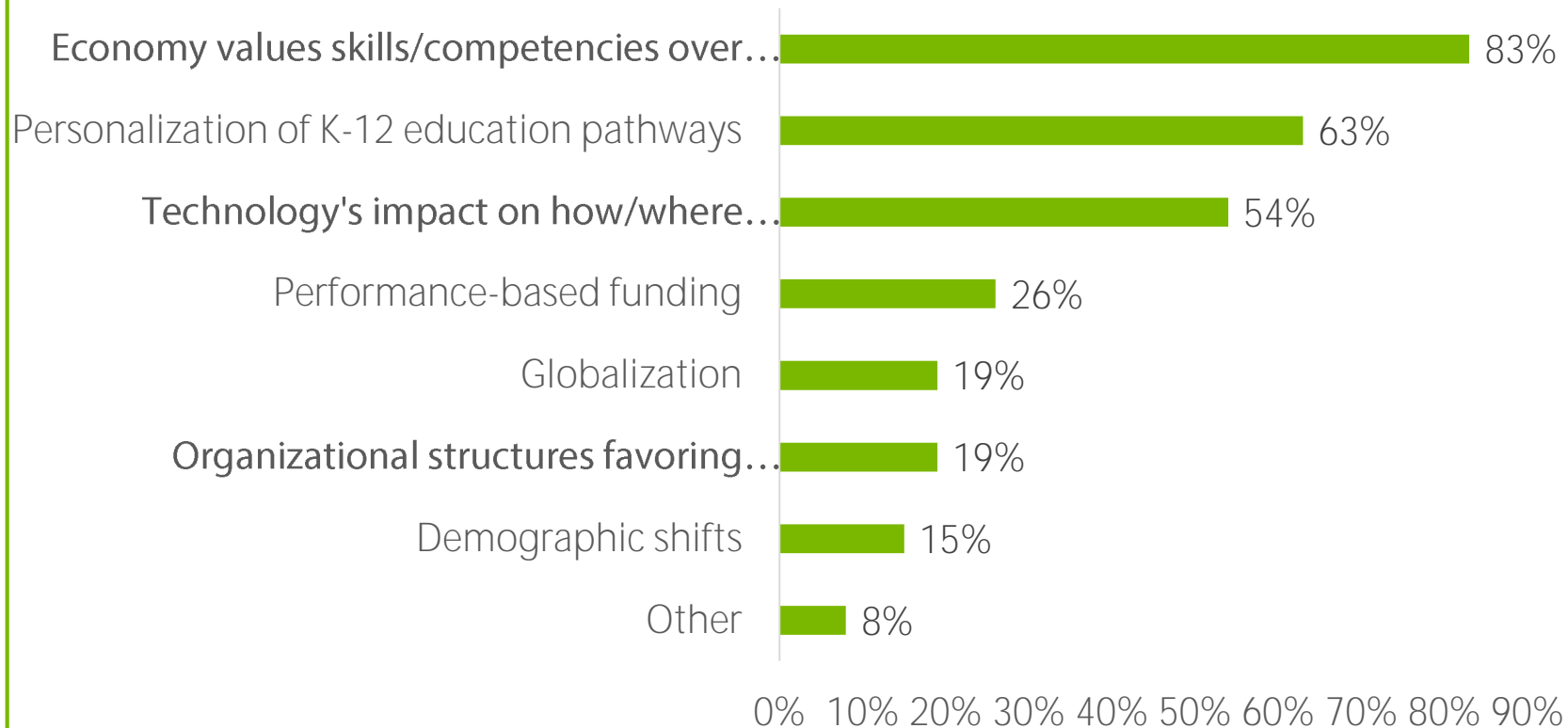
What Three Terms Best Describe CTE

Sequence of technical/academic courses lead to degree/credential	73%	STEM	11%
Career preparation	68%	Vocational education	7%
Workforce development	50%	High school electives	6%
Postsecondary technical training	29%	Other	3%
Career exploration	29%	Any postsecondary education	3%
Contextualized academics	19%	Dropout prevention	1%

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What is CTE?

Most Impactful External Influencers



What three words should describe CTE in *five years*?



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State-focused Initiatives



- **Future of CTE Summit**
 - **National Governors' Association**
 - **Council of Chief State School Officers**
 - **Certification Data Exchange Project**
 - **Workforce Credentials Coalition**
- ** Alaska and Hawaii not shown

A Career Ready Person ...



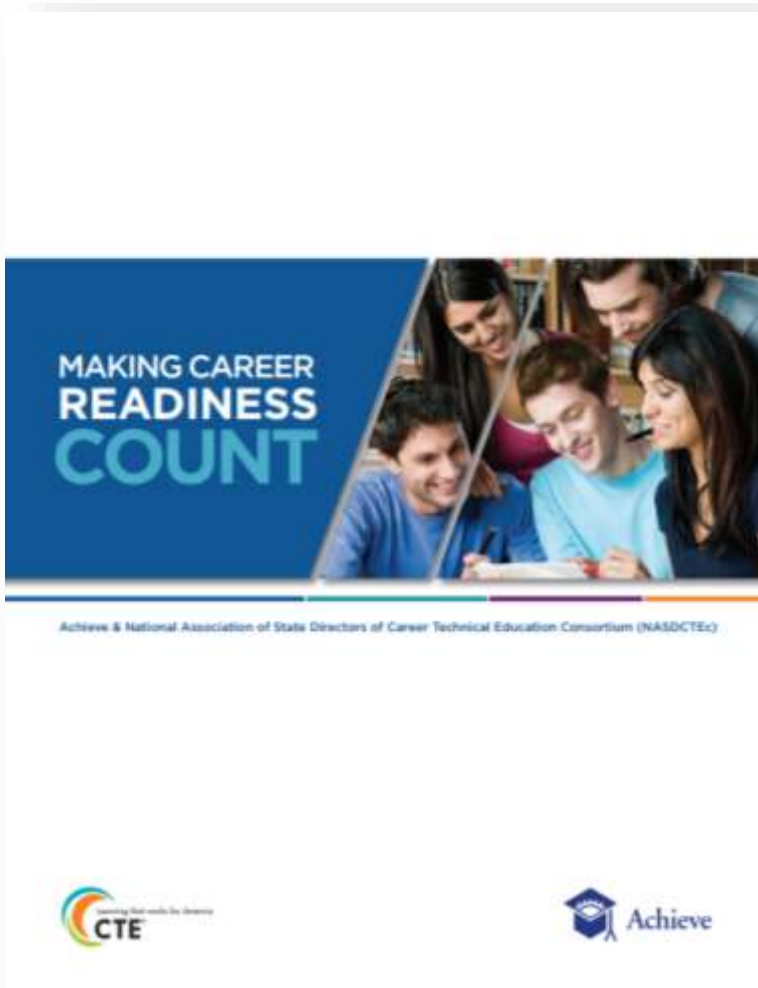
Effectively navigates pathways that **connect education and employment** to achieve a fulfilling, financially secure and successful career. A career is more than just a job. Career readiness has **no defined endpoint**. To be career ready in our ever-changing global economy requires **adaptability** and **commitment** to lifelong learning, along with **mastery** of key knowledge, skills and dispositions that vary from one career to another and change over time as a person progresses along a developmental continuum.

Measuring Career Readiness



- **What is the role of “career readiness” within state K-12 reporting and accountability systems?**

<http://careertech.org/sites/default/files/MakingCareerReadinessCount-2014.pdf>



Research Questions

- What is the universe of college- **and** career-ready indicators?
- How are states using these indicators in their state reporting and accountability systems?
- What do states need to consider as they work to build a more comprehensive set of indicators into their reporting and accountability systems to promote and value college **and** career readiness?

Expanding the framework

- Course Completion/Success
- Achievement
- Attainment
- *Experiential Learning*

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	Toward College and Career Readiness	Meeting College and Career Readiness	Exceeding College and Career Readiness
Course completion/success	<ul style="list-style-type: none"> Timely credit accumulation along a college- and career-ready course of study <p>AND</p> <ul style="list-style-type: none"> <i>Participation in career technical education (CTE) course(s) aligned to college- and career-ready or rigorous standards in other subjects</i> 	<ul style="list-style-type: none"> Students in a graduating cohort who complete a college- and career-ready course of study <p>AND</p> <ul style="list-style-type: none"> <i>Successful completion of secondary CTE pathway (“concentrating”)</i> 	<ul style="list-style-type: none"> Graduates who have completed AP, IB and/or dual enrollment courses and earned college credit <p>AND</p> <ul style="list-style-type: none"> <i>Completion of program of study aligned to workforce needs</i>
Achievement	<ul style="list-style-type: none"> Students with “on track to college and career readiness” performance on aligned assessments in middle and early high school 	<ul style="list-style-type: none"> Students in a graduating cohort with a college- and career-ready level of performance on a high-quality assessment aligned to college- and career-ready standards <p>AND</p> <ul style="list-style-type: none"> <i>Meeting standards on technical skills assessment for students who complete a CTE pathway</i> 	<ul style="list-style-type: none"> Graduates with a college-level performance on an AP and/or IB exam
Attainment	<ul style="list-style-type: none"> 9th grade students with “on track” to graduation status based on attendance and grades in core courses High school graduation 	<ul style="list-style-type: none"> Students in a graduating cohort who earn a college- and career-ready diploma <p>AND</p> <ul style="list-style-type: none"> <i>Earn industry-recognized credential/certificate</i> <i>Complete a pre-apprenticeship program</i> <i>Earn an employability or work readiness certificate</i> 	<ul style="list-style-type: none"> Graduates who enroll in postsecondary education with no need for remediation Graduates who successfully complete at least one year of postsecondary education or a workforce/military <p>AND</p> <ul style="list-style-type: none"> <i>Earn academic or technical endorsement on college- and career-ready diploma</i> <i>Earn stacked industry credential</i>
Experiential learning	<ul style="list-style-type: none"> <i>Participation in a career technical student organization (CTSO) that is aligned to and reinforces the academic and technical content in a CTE pathway</i> <i>Participation in work-based learning</i> <i>Participation in college/career planning</i> 	<ul style="list-style-type: none"> <i>Participation in CTSO competition</i> <i>Successful completion of WBL</i> <i>Completion of portfolio/capstone project</i> 	<ul style="list-style-type: none"> <i>Earn a medal in CTSO competition</i> <i>Earn postsecondary credit through internships, WBL</i>

Major Trends

- **Breadth Over Depth:** More than Half of States Use Career-Focused Readiness Indicators
- **Meta-Indicators:** Many States Are Emphasizing College or Career Accountability Indicators
- **Early Models:** Some States Begin To Pave the Way for Systems Valuing College and Career Readiness

Trend 1: Breadth Over Depth

More than Half of States Use Career-Focused Readiness Indicators

Public Reporting (School Report Cards)		24 States* AK, AR, CA, CT, FL, GA, KS, KY, MD, MA, MI, MO, NV, NJ*, NM, NC, OH, OR, PA, SC, TN*, TX, VA, WA
Accountability System	<i>Formula</i>	14 States AL, AK, FL, GA, ID, IL, IN, KY, LA, MD, MO, NM, NC, PA
	<i>Bonus Points</i>	9 States GA, IL, IN, KY, LA, NY, OK, PA, VA
Total States		31 States*

**NJ and TN have added career readiness indicators to report cards; possible there have been other policy changes*

Recommendations

- Use multiple measures of college and career readiness.
- Leverage data at your disposal (e.g., Perkins data)
- Engage state CTE/CCR leaders as well as workforce and economic development leaders.
- Find the appropriate balance of uses across public reporting and accountability.
- Use publicly reported information to inform decisions.

Lingering Challenges

- Focusing on college AND career readiness – or valuing full range of academic, technical, employability skills
- Valuing success over participation
- Data collection
- All students, not just CTE concentrators
- Translating system to teachers, parents, students

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Resources You Can Use



Printable State Snapshots

Web-based State Profiles



CTE Blog and Fact Sheets



Issue Briefs, Papers and Webinars

CTE State Policy Tracking and Analysis

Resources You Can Use



2016

APPLY TODAY

Excellence in Action
Award

**Great examples of high quality
CTE programs of study**

CTE State Policy Tracking and Analysis

Me!





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2014 Year in Review

- Found activity in 46 states and D.C.
- CTE is a top priority across states
- College and career readiness
 - Positive: Enhance career readiness
 - Less Positive: CCR as “college for all” agenda
- STEM
- Jobs



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Policy Area <i>Note: A single bill or policy can address multiple policy areas</i>	Number of States Addressing Policy Area in 2014	States
Funding	36	AL, AK, AZ, AR, CA, CO, CT, DE, DC, FL, GA, ID, IN, IA, KS, KY, LA, ME, MD, MA, MI, MN, MS, NE, NJ, NM, NY, OH, OR, SD, TN, UT, VT, WA, WV, WI
Industry Partnerships/Work-based Learning	28	AL, AK, AR, CA, CO, CT, DE, GA, IL, IN, IA, LA, ME, MD, MI, MN, MO, NH, NJ, NY, OH, OR, RI, SD, TN, VT, WV, WI
Dual and Concurrent Enrollment/Early College/Articulation	24	AL, AK, CT, DE, FL, GA, ID, IL, IN, KS, KY, LA, ME, MD, MA, MS, MO, NV, NJ, OH, OR, SD, TN, TX
Industry-recognized Credentials	19	AZ, CA, DE, FL, GA, ID, IL, IN, KS, LA, MI, MN, MS, MO, OH, RI, TN, UT, WV
Graduation Requirements	15	AZ, FL, IL, IN, LA, MI, MN, MS, MO, NY, OH, OK, SC, VA, WA
Data/Reporting/Accountability	15	CA, CO, CT, FL, IN, IA, KY, LA, ME, MI, MN, MO, NJ, UT, VA
STEM*	10	AZ, DC, IA, NH, NY, OK, OR, UT, VT, WA
CTE Standards/Accreditation	10	CO, FL, ID, LA, MN, NJ, OK, TN, WA, WY
Technical/Employability Assessments	7	AZ, MS, MO, NV, NY, OH, SC
CTE Teacher Certification/Development	7	IL, ME, NJ, ND, RI, TN, VA
Career/Academic Counseling	6	AL, AR, CA, KY, OH, RI
Governance	5	AL, NM, OR, RI, UT

Preliminary 2015 State Policy Trends

- Continued focus on:
 - Increased and/or directed funding*
 - Industry collaboration/work-based learning
 - STEM
 - Dual/Concurrent Enrollment and Articulation
- New trend
 - Governance (major swing from 2014)
 - CTE teacher certification/professional development
- Colorado 12-bill “Ready to Work” package