

Apprenticeship and Secondary CTE

Jennifer Jirous-Rapp | Senior Analyst, Maher & Maher

Catherine Jacques |

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Catherine Jacques

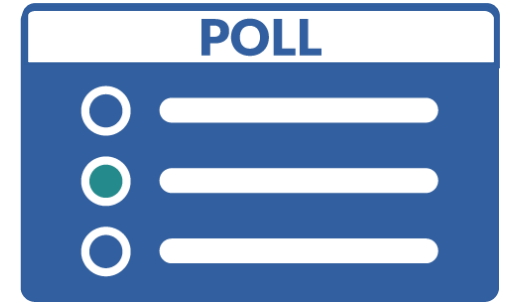
*Senior Researcher
American Institutes of
Research*



Jennifer Jirous-Rapp

*Senior Analyst
Maher & Maher*

Poll: What is your role?

A graphic of a poll interface. It has a blue header with the word "POLL" in white. Below the header, there are three rows, each with a radio button and a text input field. The middle radio button is filled with green, indicating it is the selected option.

Choose the response that most aligns with your role.

- 1 = CTE Administrator/Educator
- 2 = Career Counselor/Case Manager
- 3 = Workforce Administrator/Staff
- 4 = Apprenticeship Coordinator
- 5 = Other

Key Elements of CTE

Key Elements of Registered Apprenticeships

Models of Alignment

Getting Started

Deepening Alignment

Q & A

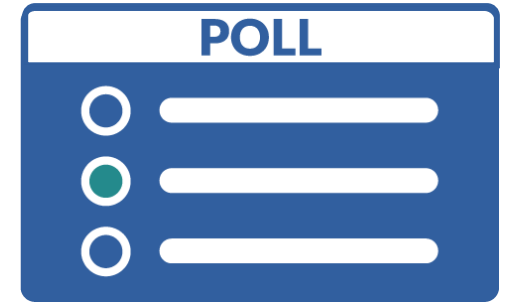
Key Elements of CTE

CTE gives secondary students an opportunity to explore careers or begin training for a specific career while they are in high school. CTE is associated with higher graduation rates and lower dropout rates, has a high return on investment, and can save students money in higher education costs. [Resource: ACTE's CTE Today](#)

CTE...

- Develops academic, technical, and employability skills
- Is aligned with local workforce needs
- Provides hands-on learning opportunities
- Leads to college credits and/or industry credentials

Poll: What are you connected to?



Choose all that apply.

- 1 = Developing curriculum
- 2 = Identifying workforce needs
- 3 = Providing hands-on learning
- 4 = Building post-secondary pathways



Employer
Involvement



Structured
On-the-Job
Learning



Related
Technical
Instruction



Rewards for
Skill Gains



National
Occupational
Credential

Five Core Components of
Registered Apprenticeship

The diagram consists of a horizontal line with five vertical lines extending upwards from it, each connecting to one of the five components listed above. The components are: Employer Involvement, Structured On-the-Job Learning, Related Technical Instruction, Rewards for Skill Gains, and National Occupational Credential.

Key Components of Quality Pre- Apprenticeship



APPROVED CURRICULUM

Training that is based on industry standards and approved by a RAP partner



SIMULATED EXPERIENCE

Hands-on training or volunteer opportunities that do not displace paid employees



FACILITATED ENTRY

Agreements with RAP sponsors that allow program participants to enter directly into a RAP



INCREASED DIVERSITY

Recruit and prepare underrepresented populations to be successful in a RAP. learn more about [Diversity and Inclusion](#)



SUPPORTIVE SERVICES

Wrap-around services or referrals to help participants complete the program (e.g childcare, transportation)



SUSTAINABLE PARTNERSHIPS

Collaboratively promote Registered Apprenticeship to other employers

Similar elements of CTE and RAP



Classroom instruction integrated with rigorous academic, technical, and employability skills



Program curricula vetted by employers



Classroom instruction reinforced by hands-on learning

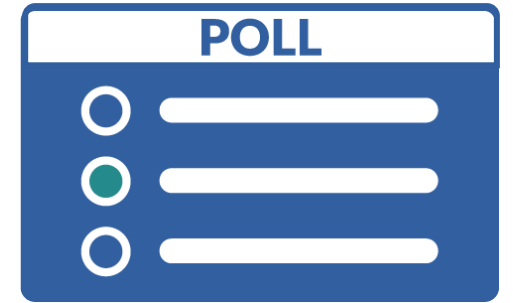


An integrated career pathway model



Common accountability metrics

Poll: What are you curious about?



Choose all that apply.

- 1 = Curriculum alignment
- 2 = Connection to a career pathway
- 3 = Hands-on learning
- 4 = Employer engagement
- 5 = Accountability measures

Models of Alignment



Students learn about apprenticeship opportunities that are available after completing their high school CTE program



CTE program operates as a pre-apprenticeship that gives students preferred entry into a RAP



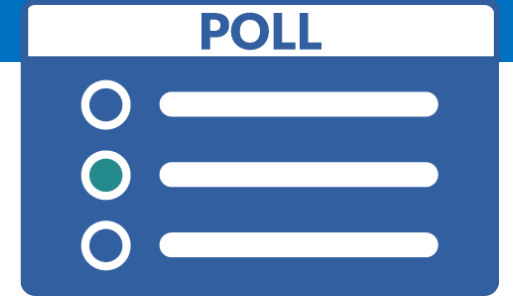
Students start a RAP while in high school and upon graduation continue as apprentices

Curricula Integration

- Delivery of apprenticeship's related technical instruction (RTI) within the CTE classroom
- or
- Student participation in apprenticeship RTI outside the secondary school setting

Whatever the approach, it is important to address any potential student barriers and consider requirements that can be fulfilled

Poll: What are the barriers



A poll interface with a blue header labeled 'POLL'. Below the header are three radio buttons, each followed by a horizontal line for text input. The second radio button is selected, indicated by a green dot inside the circle.

What are your or anticipate your barriers are?

Select 1:

- 1 = Silo-ed efforts
- 2 = Legal Issues
- 3= Lack of buy-in or support
- 4 = Other

Getting Started

- Learn more about real-world examples

[Resource: Opportunities for Connecting CTE and RAP](#)

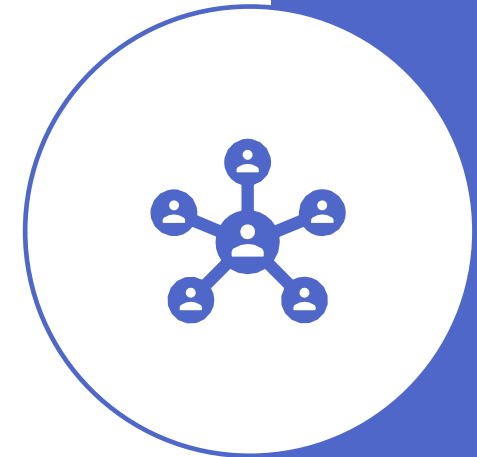
[Resource: A Profile of Six State Systems](#)

- Identify and connect with key contacts and decision-makers

[Resource: 50 State Scan](#)

- Assess your readiness for alignment

[Resource: Planning Guide for Aligning CTE and RAP](#)



Deepening Alignment (System-level)

Identify

Identify economic development priorities and navigate any regulatory challenges

Provide

Provide tax breaks and other incentives for businesses participating in apprenticeship and other work-based learning,

Seek

Seek opportunities to allocate or leverage funding for CTE and RA alignment

Support

Support opportunities for workforce development and CTE experts to learn from each other and build models of alignment

Deepening Alignment (Program Level)

Identify	Identify models of alignment by comparing the state standards and competencies for CTE pathways to the competencies for RA
Address	Address labor laws and liability for students under 18 years
Explore and provide	Explore barriers for participation and provide supports for success

Program Examples

Charleston Youth Apprenticeship

(South Carolina)

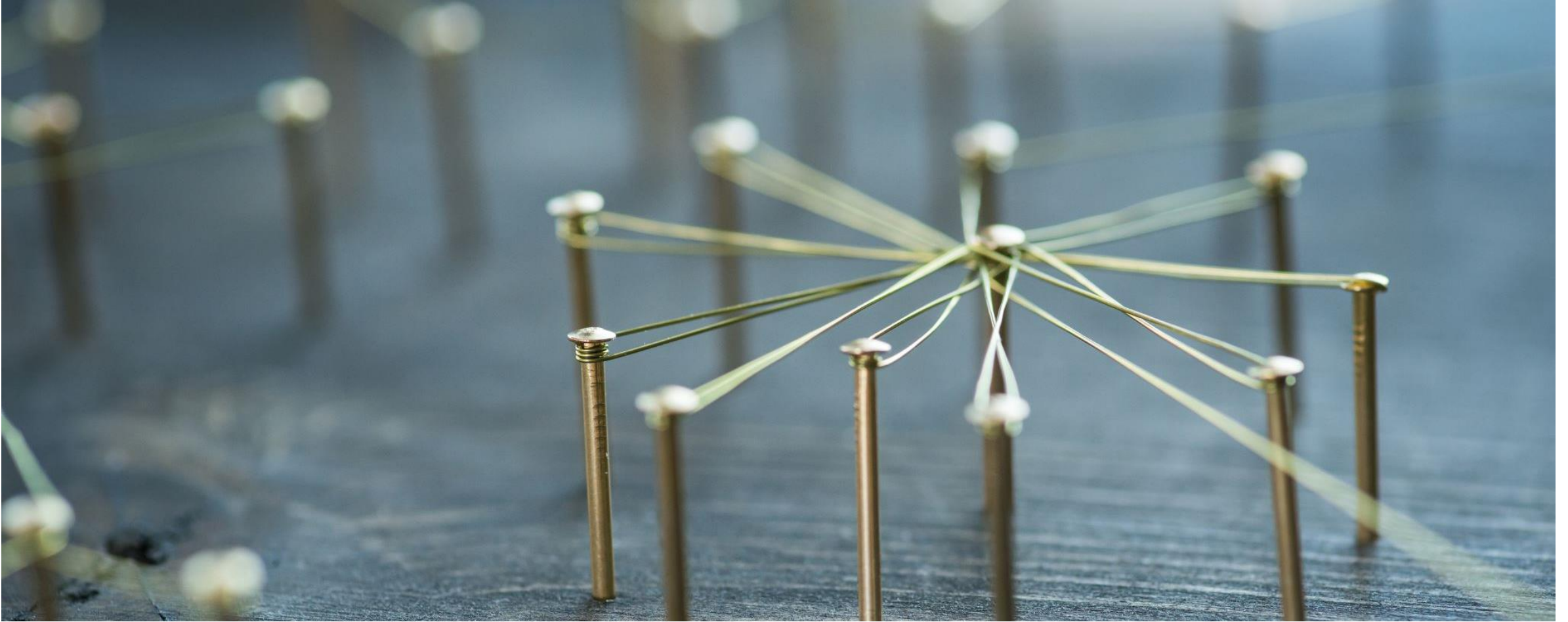
- *Open to juniors, seniors, and recent high school graduates in 26 high schools*
- *RTI delivered at Trident Technical College (TTC) and can serve as a substitute for secondary CTE programs.*
- *Graduate with a high school diploma, a technical certificate from TTC, and a national journey-level certificate from the U.S. Department of Labor.*

Tech Ready Apprenticeship –TRACK

(Kentucky)

- *Begins in the junior year at an area secondary CTE center.*
- *Completes with options to transition to the employer's apprenticeship and continue technical instruction at a community college to earn an associate of applied science degree.*

Q & A / Open Discussion



Resources:

Workforce GPS

Online technical assistance website sponsored by the Employment and Training Administration of the U.S. Department of Labor.

Apprenticeship and Career and Technical Education (CTE) Resources

<https://apprenticeship.workforcegps.org/resources/2021/08/02/20/00/Apprenticeship-and-Career-and-Technical-Education-amp-35-40-CTE-41>

Alignment with Career Pathways and Postsecondary Education Resources

<https://ase.workforcegps.org/resources/2019/09/30/00/30/Apprenticeship-Expansion-Element-5-Alignment-with-Career-Pathways-and-Postsecondary-Education>

CompTIA Apprenticeships for Tech

Contact Information



Catherine Jacques

cjacques@air.org



Jennifer Jirous-Rapp

jjirous-rapp@air.org