CTE COORDINATORS UPDATE

November 20, 2013

Smoky Hill Service Center

Salina

IT'S ALL ABOUT MOTIVATION

Cheering Works

AGENDA

9:00 Welcome
9:05 Characteristics of a Quality Pathway
9:35 Pathways to Teaching CTE
10:15 Proposed Tier-funding model for secondary CTE
10:35 Break
10:45 What's your CTE message?
11:15 Open Discussion
11:45 Wrap-up
12:00 Adjourn

KSDE CTE GOALS: 2013-2018

- 1. Every Pathway has a Quality Improvement Plan
- 2. Every Pathway has a True Statewide Articulation Agreement
- 3. Every Pathway completes a Standards review
- 4. Create a timely and relevant CTE Data system
- 5. Provide Quality Professional Development for all CTE educators

QUALITY PATHWAYS

5 areas of a Quality Pathway **Professional Development Physical Environment Instructional Strategies Partnerships Student Outcomes**

PROFESSIONAL DEVELOPMENT

- Current & up to date
- Relevant
- Collaborative CTE & Core
- Hands-on
- Technology-based training/apps available
- Transferable (e.g., information can be utilized in the classroom, etc.)
- Interactive
- Research-based / Industry-based

PHYSICAL ENVIRONMENT

- Industry-standard equipment & tools/materials/software
- Adequate space and lab stations for # of students
- Sanitary
- Meets school and industry safety standards
- Storage
- Current technology available for student use
- Simulated environment (e.g., school → business → work, etc.)
- Work stations set up/placed strategically for cooperative learning opportunities
- Efficient technology: reliability, connectivity
- Virtual component

INSTRUCTIONAL STRATEGIES

- Engaging
- Collaboration
- Integrated
- Brain based
- Research-based
- Authentic experiences are embedded in the instruction
- Relevant
- Differentiated
- Application
- Measurable
- Project-based learning
- Problem-based learning
- Continuous evaluation of methods
- Cooperative learning
- Student-centered learning
- Individualized instruction
- Inquiry Based
- Multiple Modalities
- Technology Integration

PARTNERSHIPS

- Mutually beneficial
- Interactive
- Publicized & recognized
- Student-driven (meets student goals)
- Diversity
- Consistent
- Long-term
- Communication
- Student involvement
- High quality professional experiences/connections for students and teachers

STUDENT OUTCOMES

- Demo skills (Speech) technical, soft, employability, CTSO skills
- Completion of competencies
- Work-based experiences
- Exit Interviews
- Assessments Involve business partners
- Self-evaluations Reflections/Journals/Writing
- Certifications
- Employment/Placement
- Project, portfolio type assessments matched to industry
- State assessments
- Employer evaluations
- CTSO competitions
- Flexibility in choosing which assessment student completes with local alignment
- Define "proficiency"
- Follow-up Surveys 5 yrs. Out
- External / industry evaluation (performance-based)
- Post-secondary enrollment
- Post-secondary completion
- Pathway assessments

PATHWAYS TO TEACHING CTE

- Traditional
- Restricted CTE certificate program
- Visiting Scholar
- Licensed staff adding certifications

TRADITIONAL PATH TO TEACHING CTE

University/college teacher prep programs

 KSDE is working with the state universities to align their teacher prep programs with teaching in Pathways

RESTRICTED CTE CERTIFICATE PROGRAM

Coming from Business/Industry into the CTE classroom

Requirements for Restricted CTE certificate:

Degree in content area OR Occupational license OR Industry certificate

AND

Occupational experience in related field (2 years or 4000 hours)

To earn full CTE certificate:

Must complete 18 credit hours or an equivalent number of professional development points in pedagogy within 4 years of entering the restricted CTE certificate program.

- EXS. -Business-degree executive teaching in a Business Pathway
 - -CNA teaching in the Health Science Pathway
 - -AWS-certified welder teaching in the Production Pathway

VISITING SCHOLAR

On a temporary basis, Business/Industry member teaching CTE

Requirements for Visiting Scholar License: (must meet 2 out of 3)

- 1. Advanced degree
- 2. Occupational experience
- 3. Distinction in field of work

(NO PEDAGOGY COURSES REQUIRED)

(Must apply to the State BOE for the Visiting Scholar License each year)

Example - An engineer with a master's degree teaching STEM courses

LICENSED STAFF ADDING ENDORSEMENTS

Licensed teacher adding CTE endorsement:

Certification in content area +
 **Occupational Experience

Example – English teacher wanting to teach Business must pass a Praxis exam plus have occupational experience in Business (2 years or 4000 hours)

**Recommended to be removed in updated regulations

METHODS IN DELIVERING CTE

- Virtual
- Dual credit
- Distance learning

VIRTUAL CTE COURSES

Virtual Course Monitor: A virtual course monitor is a teacher who oversees students who are completing software based courses. These include E2020, A++, Rosetta Stone, etc. In these courses, there is not a teacher actually teaching the course no matter time or location.

Virtual course monitors = any licensed teacher at grade-level.

DUAL-CREDIT CTE COURSES

Tuition-free through Senate Bill 155

- If taught by secondary instructor:
 - DO NOT MARK "Dual-credit" box in Educator Data Collection System (EDCS) --- report it as a normal course in EDCS
 - Assign secondary teacher to course

- If taught by a post-secondary instructor:
 - In EDCS, mark "Dual-Credit" box
 - Assign counselor or administrator to course

DISTANCE LEARNING CTE COURSES

Distance Learning: Distance learning courses are courses that have a teacher somewhere actually teaching. The location and/or time the student receives the instruction may not be the same as when the teacher is teaching. An example of this would be a course that is broadcasted from one district (A) to another (B). The district receiving the broadcast (B) will mark the course as distance learning and the district doing the broadcasting (A) will report the course as a normal course. Both district A and B will report the teacher teaching the distance learning course.

TIER-FUNDED SECONDARY CTE (PROPOSAL)

Proposed Tier-Funding models for CTE - Option 1 & 2

- Pages 47 -77
- Option 1 weighting based on actual cost of Cluster
- Option 2 weighting based on actual cost of Cluster and placed in a tier

WHAT'S YOUR CTE MESSAGE?

Mike Rowe

WHAT'S ON YOUR CTE PLATE RIGHT NOW?

UPCOMING CTE EVENTS

ACTE CareerTech VISION

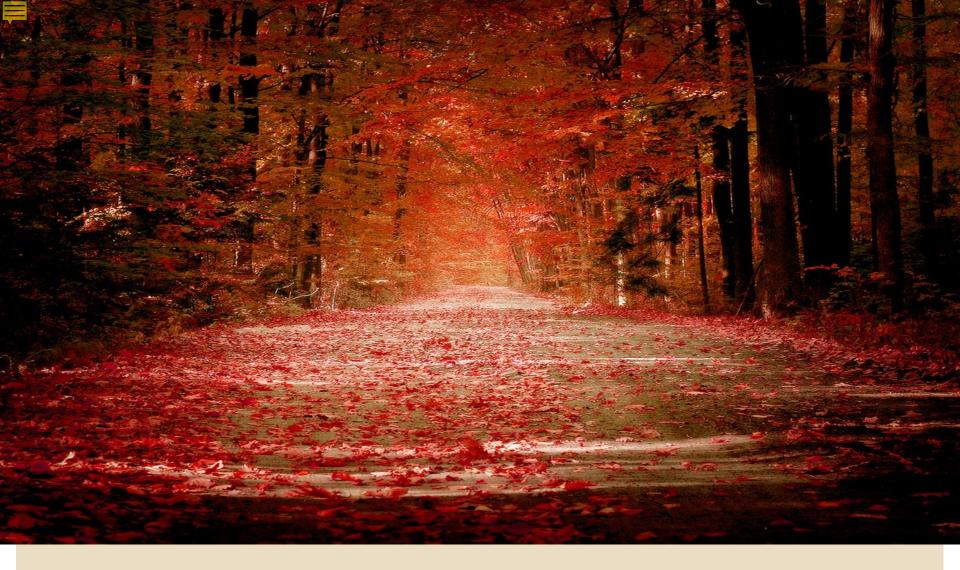
December 4—7, Las Vegas

CTE Annual February Conference February 11,12—Manhattan

CTE Coordinators Update
April ?
Location?

OUT-THE-DOOR INSPIRATION

Kid President to Teachers and Students



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Linked in.