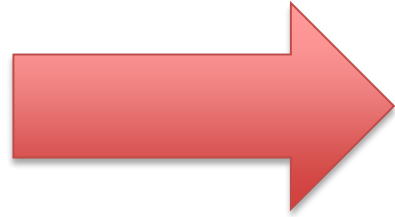


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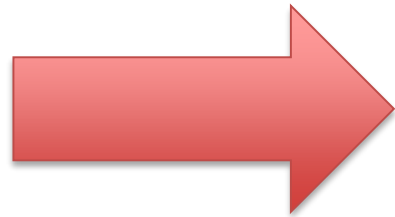


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Simulated Workplace: Changing CTE in West Virginia

Webinar

June 25, 2015



Where Can I ...

Find the PowerPoint and webinar recording?

- www.arccta.org
- www.careertech.org/webinars

Learn more about the Simulated Workplace?

- www.simulatedworkplace.com



Audience Poll



About the ARCC

- The Appalachia Regional Comprehensive Center—the ARCC
 - Our mission is to design *initiatives* in partnership with each of these states—*initiatives* that will improve educational outcomes for students, close achievement gaps, and enhance instructional quality.
 - A key are is implementing college- and career-ready standards and aligned, high-quality assessments for all students.
 - Today marks the launch of our webinar series on CTE in partnership with NASDCTEc.



About the NASDCTEc



Andrea Zimmermann

State Policy Associate

National Association of State Directors of
Career Technical Education Consortium



2014 Award Winner

Tolsia High School

Fort Gay, West Virginia

Carpentry Program/Rebel Construction



Today's Presenters



Dr. Kathy D'Antoni

State Chief Officer for Career Technical Education



Doug Sands

Machine Tool Technology Instructor, United Technical Center



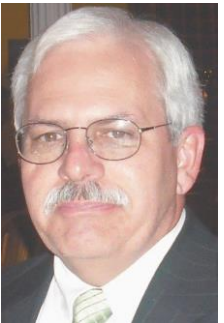
Austin Coffey

Student in Industrial Maintenance CTE program



Jan Hanlon

Secondary Education Director, Logan County Schools



Gary Clay

Business leader, West Virginia Manufacturing Association



The Big Picture

- Why Simulated Workplace was created
- Taking bold steps
- Engaging business and higher education partners
- Identifying the Simulated Workplace Protocols



In the Beginning



- *What are our goals?*
 - Four years for implementation
- *What will success look like?*
 - Future planning and design (corporations)
- *How will we get there?*
 - Getting buy-in from key stakeholders
 - Pilots

Purpose of Simulated Workplace

- Increase student leadership and engagement
- Help instructors transition to facilitators
- Initiate school-wide cultural change



What Simulated Workplace IS and IS NOT ...

IS...

- A culture change
- Student-led environment
- An opportunity for students to be accountable for their own learning
- An opportunity for instructors to creatively, flexibly deliver an engaging curriculum
- High-level academic/technical learning

IS NOT...

- A curriculum
- Traditional CTE (instructor-led) environments
- More work for the instructor
- A rigid, prescribed instructional model
- 1970s vocational education delivery

Engaging Key Stakeholders

- Engaging employers from the start
- Establishing a climate for change
- Feedback from instructors, but most of all – STUDENTS



12 PROTOCOLS

In West Virginia, this is how CTE is doing business!
WV State Policy 2520.13



12 PROCOTOLS

1. **Transform traditional classroom into a company**
2. Utilize time clocks or some form of formal attendance report
3. Random drug testing
4. **Application and interview**
5. Develop company name and procedure manual
6. Safety training
7. Company meetings
8. Company data reports
9. Organizational chart
10. **5S quality improvement principles**
11. **Business inspections**
12. **Portfolios**

PROCOTOLS #1-4

1. Transform traditional classroom into a company
2. Utilize time clocks or some form of formal attendance report
3. Random drug testing
4. Application and interview



PROTOCOL #10

10. 5S Quality Improvement Principles



PROTOCOLS #11 AND 12

11. Business inspections

12. Portfolios



Student Spotlight



Austin Coffey

Industrial Equipment Maintenance
Career-Technical Program

Data and Student Outcomes

- Student surveys report a 96% approval rate for Simulated Workplace
- Attendance rates have improved in programs using this environment
- Approximately 99% of students randomly tested are passing the drug test
- Business/industry overwhelmingly approve of the simulated workplace concept
- Instructors who openly disagreed with Simulated Workplace have changed their position and are now its strongest advocates
- We started with 80 classroom pilots—this fall there will be 501 classrooms



Lessons Learned

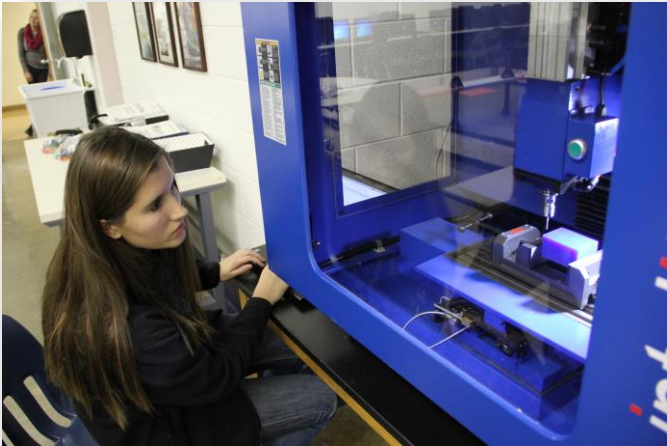
- Create high-quality change by moving at a thoughtful pace
- Be selective in what you expect from teachers during implementation
- Transition to a facilitator model through additional support
 - Model schools and in-school coaches
- Allow students to rise to the challenge and achieve at a much higher level than is required
- Partner with employers to affect change

Ultimate Vision

- All career-technical centers will become corporations and the various Simulated Workplace companies will make up the corporation.
- Quarterly meetings will be held with the CTE director and the CEOs (a.k.a. students) of the respective companies to discuss education attainment and issues.

Q&A

- Use the chat feature to submit your questions





- Thanks from the ARCC/NASDCTEc
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 - www.careertech.org/webinars
- Learn more about the Simulated Workplace?
 - www.simulatedworkplace.com
- Please help us improve by completing our evaluation survey