

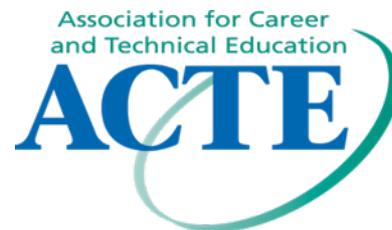


Community Colleges and Employer Partnerships

Office of Vocational
and Adult Education

February 29, 2012
1:30-3 p.m. EST

- Thank you for joining us! We are waiting for all attendees to log in.
- This webinar is meant to be heard over your computer's speakers. Please check your volume. You will be muted.
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- Please use the Q&A to post questions to the speakers. The second half of the event has been reserved for Q&A.





Community Colleges and Employer Partnerships

Technical Instructions: Catherine Imperatore
Association for Career and Technical Education





Community Colleges and Employer Partnerships

Moderator: Sue Liu, Senior Policy Advisor
Department of Education, Office of Vocational and Adult Education



Today's Remarks:

Roberto Rodriguez, Special Assistant
White House Domestic Policy Council

Georgia Yuan, Department of Education Deputy Under
Secretary

Dr. Brenda Dann-Messier, Department of Education,
Assistant Secretary for Vocational and Adult Education



Community Colleges and Employer Partnerships

James Stone, Director
National Research Center for Career and Technical
Education



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Community Colleges and Employer Partnerships

Dr. Brenda Dann-Messier
Department of Education
Assistant Secretary for Vocational and Adult Education



Today's Presenters:

Annette Parker, AMTEC

Caren Caton, Toyota Motor Engineering and Manufacturing
North America, Inc.

Mark Manuel, Bluegrass Community Technical College



The Role of Intermediaries: The Origins of AMTEC

Annette Parker, CEO

AMTEC

(AMTEC is supported by a National Science Foundation grant)



AMTEC
National Center of Excellence in
Advanced Automotive Manufacturing
“Industry – Education Collaboration”

Agenda

- * **Overview of AMTEC**
 - **Mission, Vision, and Goals**
 - **Organizational Structure**
 - **Collaboration & Innovation**
- * **From the industry point of view - Toyota**
- * **From the community college point of view – BCTC**
 - **What is different?**
 - **Challenges**
- * **Questions & Answers**

What We Were

Organization: An organization seeking to be NSF ATE National Center of Excellence that consist of community colleges and auto industry partners with a common, vision, mission, and goals inaugurated in April of 2005.

Vision: A recognized collaboration of colleges and companies working to strengthen the competency and global competitiveness of the automotive workforce.

Mission: Create and sustain an innovative, responsive, and standards-based workforce education development system that meets industry skill requirements.

AMTEC National Center

Goal 1 - Create business/industry partnerships in delivering core technical education that meets the high priority needs of automotive manufacturers and suppliers.

Goal 2 - Increase secondary to postsecondary transition and from postsecondary to employment to meet industry needs.

Goal 3 - Implement a collaborative support system to sustain and replicate the AMTEC model.

Goal 4 - Create and sustain the program with assessments, credentialing and continuous improvement.

AMTEC Leadership

Annette Parker, NSF Principal Investigator & Executive Director

AMTEC Strategy Board

Caren Caton

Toyota Motor Manufacturing & Engineering

Willy Kaulfersch

Ford Motor Company

JoAnne Pritchard

General Motors

AMTEC Leadership Team

College Partner	Community College	Industry Partner
Bo Garcia	Lansing Community College	GM Delta Township
Gary Saganski	Henry Ford Community College	Ford Motor Company
Federico Zaragoza	Alamo Community College District	Toyota Motor Manufacturing Texas
Jeff Arnold	Danville Community College	Goodyear
John Gajewski	Cuyahoga Community College	Ford Brook Park
Mary Ann Hyland-Murr	Jefferson Community & Technical College	Ford Kentucky Truck Plant and LAP
Mark Manuel	Bluegrass Community & Technical College	Toyota Motor Manufacturing Kentucky
Mike Forrester	Spartanburg Community College	BMW
Mike Hudson	Pellissippi Community College	Aisin Automotive and Denso
Sam Collier	Gateway Community & Technical College	Toyota T-TEN
Terry Huber	Ivy Tech Southwest	Toyota Motor Manufacturing Indiana
Beverly Hilderbrand	Gadsden State Community College	CARCAM Regional Center
Joe Petrosky	Macomb Community College	CAAT Regional Center

Gaining Consensus & Collaboration

1. We used a method called a “DACUM” with “DELPHI”
2. Everyone realized that good education and training—
 - is good for all of us;
 - is good for our workers and our students;
 - is good for the United States!
3. Companies compete with their products...
4. AMTEC’s curriculum and assessments allow community college is deliver a common core transportable credential

AMTEC's Innovation

Curriculum

- **12 Courses & 63 Modules linked to DACUM – Delphi standards**
- Offer as traditional classroom or hybrid on-line
- Includes assessments: pre/post with “test out options”
- Coursework, virtual labs and System Simulator Cell
- Can be offered as AAS, incumbent training, or short certificates
- Endorsed by industry partners

Assessments

- **Assessments linked to DACUM – Delphi standards**
- AMTEC General Maintenance Mechatronics Assessment
- 12 Topic/Course Level Assessments
- Module Pre/Post Assessments

Career Pathways

- **Research based career pathways that identify key success factors that include industry involvement in all phases**

The AMTEC Industry Partners Design a Manufacturing System Simulator





The Industry Perspective

Caren Caton, General Manager
Toyota Motor Engineering and Manufacturing North
America, Inc.



Common Business Need

- Toyota operates 14 plants in North America
- All plants employ multi-skilled maintenance team members
- Multi-skilled maintenance requires a foundation of fundamental skills

Consistent Outcomes

- How do we achieve consistent results at 14 plants that have common needs?
 - Establish common processes
 - Provide consistent programs
 - Centralize leadership and de-centralize service

Best Use of Resources

- Our business approach:
 - Use minimal resources
 - Eliminate all forms of waste
- How can we use this approach for our common needs?
 - Community College can provide common knowledge and skill for maintenance
 - Toyota training can provide unique knowledge and skill

Customer First Philosophy

What is Customer First Philosophy?

- Engage and know your customer firsthand
 - Listen to grasp their expectations
 - Confirm through frequent checks
-
- Establish Trust
 - Identify the common problem to be solved
 - Broaden the base through collaboration

Challenges - - Then

- Trust among partners (industry and education)
 - Building relationships
 - Achieving engagement and consensus
- What is in it for me, my company, my industry?
 - Clarifying the common problem to be solved
 - Demonstrating immediate results

Challenges - -Then

- Changing the status quo - - what risks do you take?
- Collaborating with competitors
- Applying a bold, transformational method to a problem that isn't broadly perceived as a crisis

Challenges - - Now

- Sustaining the relationships
 - Changes in partners
- Broadening the “circle of trust”
 - Within the industry
 - Within our companies

Challenges - - Now

- Demonstrating results through appropriate process
 - Maintaining interest when results are not immediate
- Keeping the focus on the common problem to be solved
 - Alignment of activity to the common problem



The Community College Perspective

Mark Manuel, Vice President for Workforce & Institutional
Development
Bluegrass Community & Technical College



What's different?

Partnership vs. Client

Industry competencies

Industry recruiting students

Schedules around production

Evaluations on academic and work performance

Challenges

Understanding each other's needs

Not being the only expert

Open access for others

Different block schedules college

FERPA, sharing info, communication

What's different?

Industry specific needs

Integration of company specific training into program

Workforce training to Academics

Challenges

Flexible to meet other industry

Hours of instruction, other students

Responsiveness, flexibility, accreditation

Q&A



The screenshot shows a window titled "Q&A" with a close button. Below the title bar is a tab labeled "All (0)". The main area is empty. At the bottom, there is an "Ask:" label, a dropdown menu with "All Panelists" selected, a text input field containing the instruction "Select a participant in the ask menu first and type your question here. There is a 256 character limit.", and a "Send" button.

- Type your question in the text box at the bottom
- Click “Send” to All Panelists



Closing Remarks

Dr. Brenda Dann-Messier
Department of Education
Assistant Secretary for Vocational and Adult
Education



Two Upcoming Webinars

Aligning Secondary and Postsecondary Education

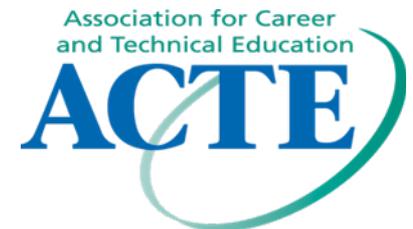
Tuesday, March 26, 12:30 pm EST

Using Labor Market Information Within a POS Context

Tuesday, March 6, 1:30-3:00 p.m., live at ACTE 2012 NPS
Register at <http://bit.ly/zieP4g>

To learn more about the NRCCTE and to download this archived webinar, please visit

www.nrccte.org.





Thank you for joining us!

To be notified when an archived version of this webinar is posted, or if you have questions about this presentation, please email nrccte@louisville.edu.





Funding Notice

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