NEWN Presentation

“Community Colleges as a Catalyst for Partnerships”

Cape Cod Community College
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1. How do you see your community college as a catalyst for partnerships?

* Since 2007, TRCC has received 3 USDOL grants to implement a Pre-Manufacturing Program to meet the needs of local manufacturers in Southeastern CT
* College has collaborated extensively with industry to design curricula that meets industry needs, as well as the Workforce Investment Board and local high schools to recruit unemployed and underemployed students
  * Programs create pathways to direct employment and/or credit programs for further education
  * Programs enable College to build strategic relationships with key partners in the region and determine educational & training gaps that exist regionally
  * Forums convened by Workforce Investment Board, College officials, and industry representatives clearly articulate that sheet metal manufacturing is a critical training component without an educational partner
  * Without ability to educate & train an ageing workforce, critical skill gaps of new & existing employees, & misconception of advanced manufacturing, this industry would not flourish & the shortage of skilled workers threaten the future of Southeastern CT manufacturing
1. How do you see your community college as a catalyst for partnerships?

* In March 2013, TRCC in collaboration with Quinebaug Valley Community College, approximately 30 minutes north, hosted its 1st “Manufacturing Summit” with approximately 25 regional manufacturers and other workforce development organizations – EWIB, CT Advanced Manufacturing Center, CT DOL – to form a coalition of manufacturers in the region, which ultimately became the Eastern Advanced Manufacturing Alliance.

* Purpose of Coalition is to promote manufacturing education, career opportunities, and partner with K-12 and community colleges, in addition to having a larger political voice statewide and ability to secure funding for region in manufacturing education and training.

* EAMA currently has 43 different manufacturing companies in CT, MA, & RI. This partnership provided TRCC leverage to be included in a $15 million Trade Adjustment Assistance Community College and Career Training Grant Program secured by the CT Board of Regents.

* TRCC received $1.28 million to build capacity for a sheet metal manufacturing program to meeting industry needs.
1. TRCC held a “Healthcare Conversations” forum with our community coalition building partners which include Eastern Workforce Investment Board (EWIB), TRCC, QVCC and Eastern Connecticut State University.

   Purpose: To determine needs of the healthcare industry over the next 3 – 5 years
   * TRCC has thriving Allied Health programs and partnerships with area hospitals, long-term care facilities, dental offices, as well as doctor’s offices and clinics
   * Forum solicited feedback from healthcare partners to project training gaps and massive shifts in Allied Health trends (community-based care)

2. TRCC is a leader in designing a new high school pathway based on the successful P-Tech model that IBM Corporation has in several high schools in New York State.

   * Students will be able to earn both a high school diploma and an associate degree (Sheet Metal Fabrication and Mechanical Engineering Technology) in a 4-6 year timeframe
2. What is Three Rivers Community College doing around community partnerships to strengthen our role in educating students?

* Initiative is driven by EAMA’s (Eastern Advanced Manufacturing Alliance) projected workforce shortage projections
* Initiative is being championed by the CT Board of Regents, CT Governor Dannel P. Malloy, The President, Electric Boat, and local high schools in need of aligning curriculum with workforce needs.
* High schools not able to participate in the pilot program are seeking to replicate the College’s TRCC Pre-Manufacturing Program
* TRCC has successfully implemented a nationally recognized model where TRCC evaluated the apprentice curriculum at Electric Boat for college course equivalency
* Student receive college credit for part of their marine drafting apprenticeships training (average 12-20 credits depending on the trade)
* College credit courses were offered at the worksite and eventually student enrolled for courses held on TRCC’s campuses
3. Closing the middle skills jobs gap with examples of credit and non-credit partnerships

* $1.28 million Trade Adjustment Assistance Community College and Career Training Grant Program
  * 3 semester non-credit/credit degree program based on TRCC’s successful experiences with 3 pre-manufacturing programs.
* Sheet metal program:
  * Begins with a semester of non-credit to prepare those individuals not ready for college Math and English and workplace literacy skills
  * Second two semester are comprised of credit Sheet Metal Certificate Program (designed by industry leadership) to prepare students for employment and/or continue toward an associate degree
* TRCC is working closely with Grasso Technical High School and Electric Boat to design 8 week non-credit welding program to meet the company’s critical workforce shortage. Classes will be held at Grasso’s new welding center.