

Southeast Transportation Workforce Center 2017-18 Initiatives

10/03/17

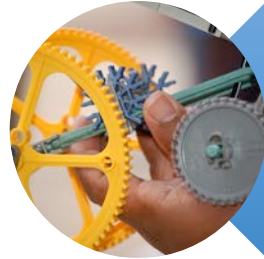


Agenda

- Action Plans
- National Transportation Career Pathways Initiative
- Transportation Spotlights
- Questions



SETWC Action Plans



T-STEM Academy Blueprint



Choosing Transportation



Women in Transportation
Initiative

Transportation-STEM Academy at East High

- Summer academy hosted nearly 60 students
- 2017 freshman cohort includes:
 - 90 students
 - 52 boys
 - 38 girls
- Current activities:
 - Currently on track to add diesel technology to program offerings in fall 2018
 - Local steering committee building project, field trip, speaker database
 - CEO Speaker Series
 - STEM Ambassadors
 - Looking for opportunities to partner with 'sister schools'
 - SETWC Blueprint report after first year operations



Transportation-STEM Academy at East High

TEC
Technical Education
for Communities

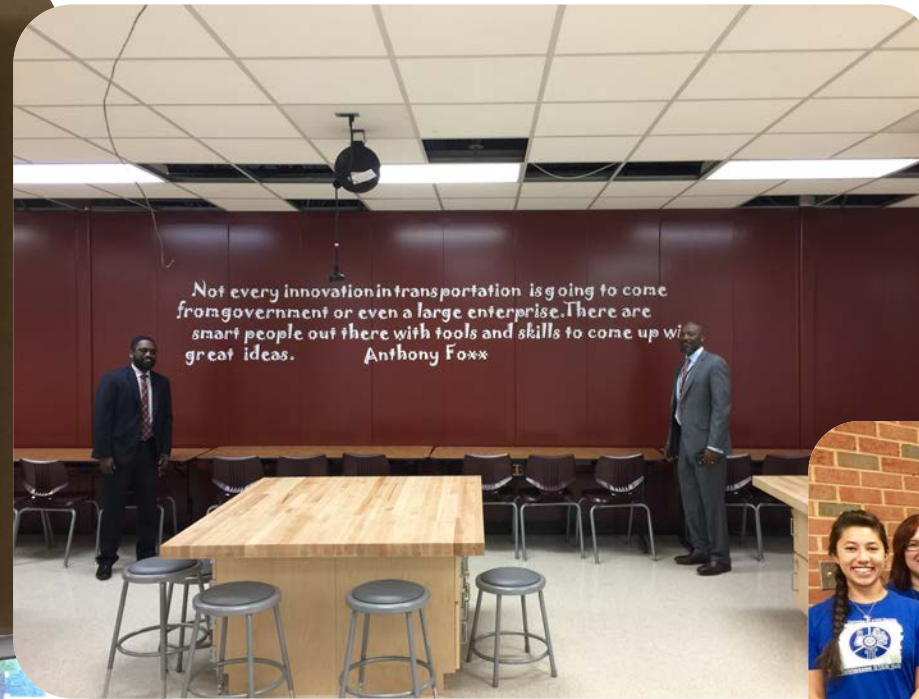
Cummins

TEC IS WORKING TO
CLOSE THE
SKILLS GAP
IN GLOBAL
COMMUNITIES

**TEC: TECHNICAL EDUCATION
FOR COMMUNITIES**
(A Research Based Initiative to
Improve Cummins Communities)

Southeast Transportation Workforce Center (SETWC)

Transportation-STEM Academy at East High



Transportation-STEM Academy at East High

What's Next?

- Establishing 'sister school' partnerships
 - Cabrillo High School is partnered with SWTWC
 - Heyward Career Center – Forrest Acres, SC – diesel program with Cummins
- CEO Series
- Quarterly genius projects
- 'Lead in, Lead out' field trips
- And lots more!



The Port of Long Beach Academy of Global Logistics at Cabrillo (AGL)

Port of Long Beach
Academy of Global
Logistics at Cabrillo (AGL)
The Port of Long Beach
Academy of Global Logistics at
Cabrillo (AGL)
AGL Classroom Expectations
AGL Business Partners



AGL LOCKER

PPT, Word, Excel Viewers [Go]
Acrobat Reader [Go]

AGL Brochure
9/20/16 8:19 AM - Christopher
Ison

AGL Technical Course of
Study 2016-2017
9/5/16 1:15 PM - Christopher
Ison

Cabrillo Linked Learning
Newsletter September 2016
9/21/16 9:15 PM - Christopher
Ison



The Port of Long Beach Academy of Global Logistics at Cabrillo High School (AGL), a partnership with the Long Beach Unified School District, combines academic curriculum with industry-relevant training and information to support academic and career development.

The Academy builds on the Long Beach College Promise by introducing high school students to career opportunities in global trade and logistics and showing them how to prepare for those careers through a wide range of training and education programs including certificates, certifications, and degrees offered by Long Beach City College and California State University, Long Beach. The goals are to:

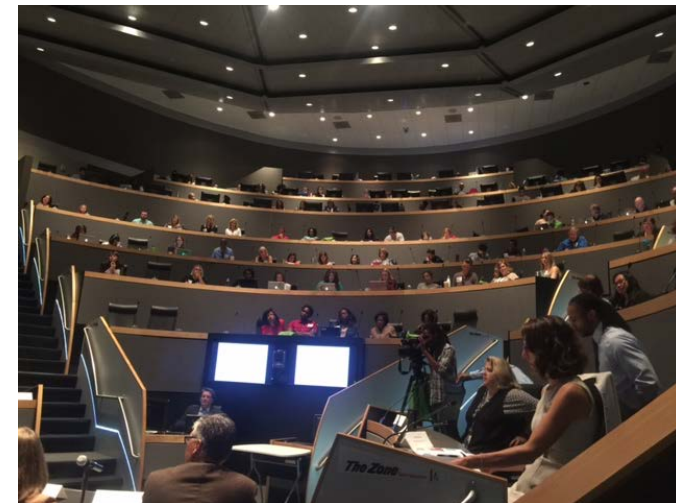
EXCITE – Create excitement around international trade, logistics and



Choosing Transportation Summit, March 22-23 2018

- Conference will be held in U of M FedEx Institute of Technology
- Annual Blue Pump Gala
- New format for event
 - One-day conference followed by half-day working group meetings
 - Women's Initiative
 - Operations working group
 - Conference will include professional and student tracks
 - Will again include vendor fair
 - Will provide shuttles between hotels/conference/gala venues

SAVE THE DATE!!!!!!!!!!!!!!!!!!!!!!



Women's Initiative

- Partnership with Women's Foundation, workforce boards, industry
- Identify possible focus areas and pilot program opportunities
- More to come! Interested? Contact Stephanie Ivey at: stephanie.ivey@memphis.edu



PROJECT OVERVIEW

National Network for the Transportation Workforce

- *5 Regional Transportation Workforce Centers*
- *Nationwide University-Based Research Team*
- *Dedicated to the Development of the Transportation Workforce*
- *Unique Discipline Focus at Each Center*



PROJECT OVERVIEW

National Transportation Career Pathways Initiative

“A goal of the National Transportation Career Pathways Initiative is to document a series of career pathways (a sequence of educational courses and training programs that align to an occupational career ladder) that engage and prepare students for key transportation occupations.”

- *Identify Top 10-20 Occupations with Ops Focus in Transportation, Next 5-15 Yrs*
- *Identify Knowledge, Skills, Abilities (KSA's) Required by These Top Occupations*
- *Identify Gaps in Post-K12 Training/Education Delivery, Currently & Over Next 5-15 Yrs*
- *Identify Innovative Approaches to Delivering KSA's into Student/Worker Prep Pipeline*
- *Describe a Series of Career Pathways that Lead to Top Occupations, Next 5-15 Yrs*
- *Identify Scope of Pathway Implementation to Address Workforce Needs, Next 5-15 Yrs*
- *Identify Barriers; Propose Recommendations*

PROJECT OVERVIEW

Career Pathways

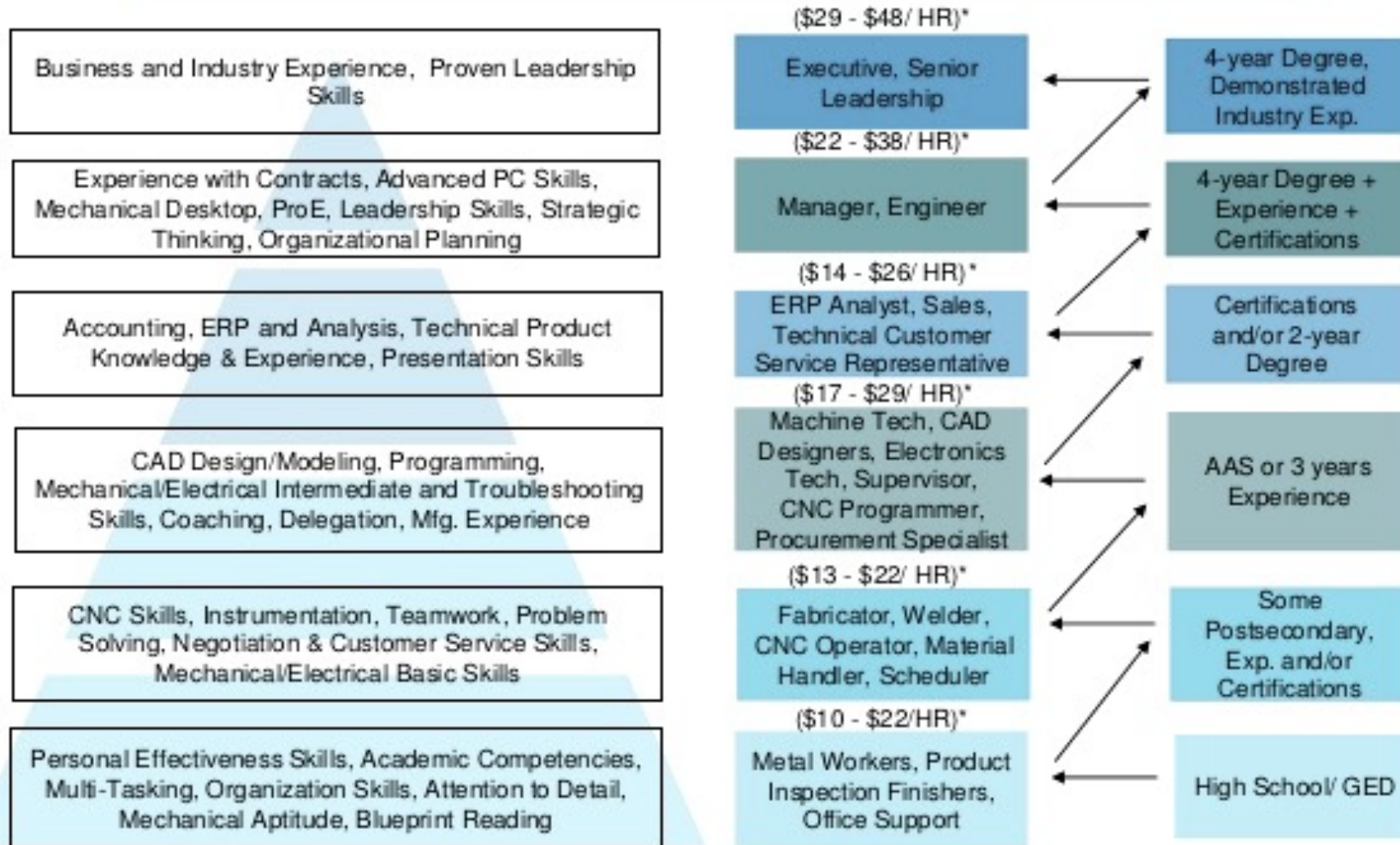
“Career pathways are an integrated collection of programs and services intended to develop students’ core academic, technical and employability skills; provide them with continuous education, training; and place them in high-demand, high-opportunity jobs.”

Core Pathway Components

- *Strategic Partnerships – Employers, Education & Training Providers, Community Based Orgs*
- *Multiple Entry/Exit Points – Post K12 Pathways, Marketable Credentials at Each Step, Short-Term Certificates, Links Training to Credit/Transcripts*
- *Employer Participation – Pathway Development, Worksite Training, Internships, Job Placements*
- *Innovative Program Content/Delivery – Technical Certifications, Contextualized/Accelerated Basic Skills, Flexible Scheduling, Experiential Learning*
- *Integrated Support Services – Career & Academic Coaching, Financial Aid, Access to Public Benefits*

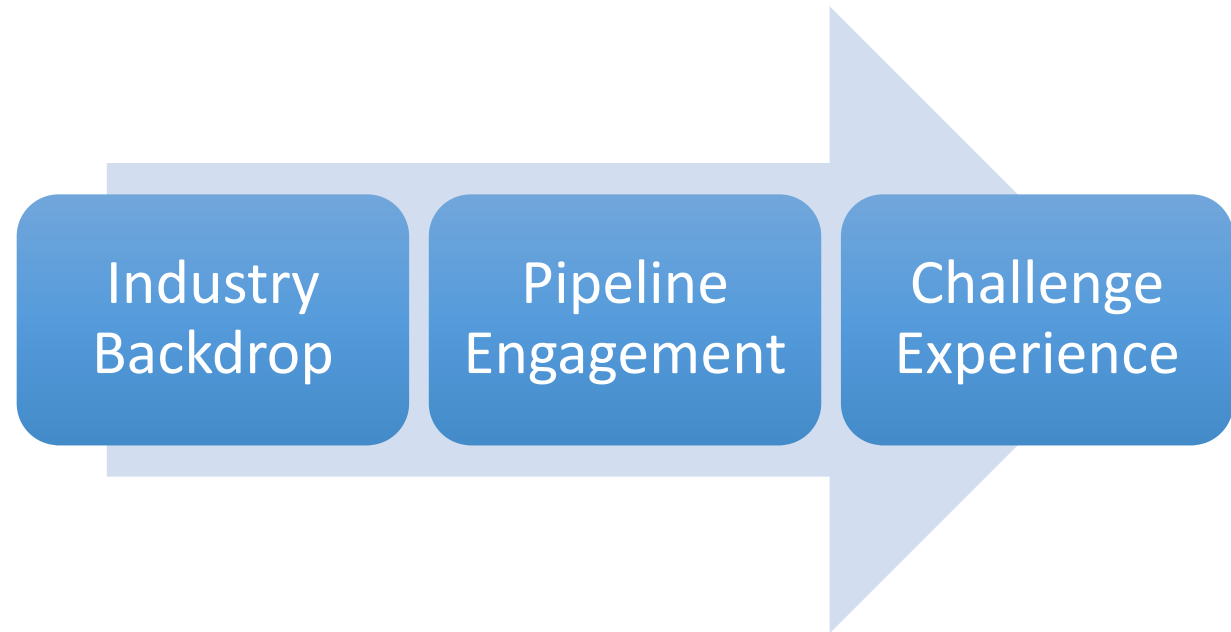
Region 10 Advanced Manufacturing CAREER PATHWAYS MAP

Example Career Pathway

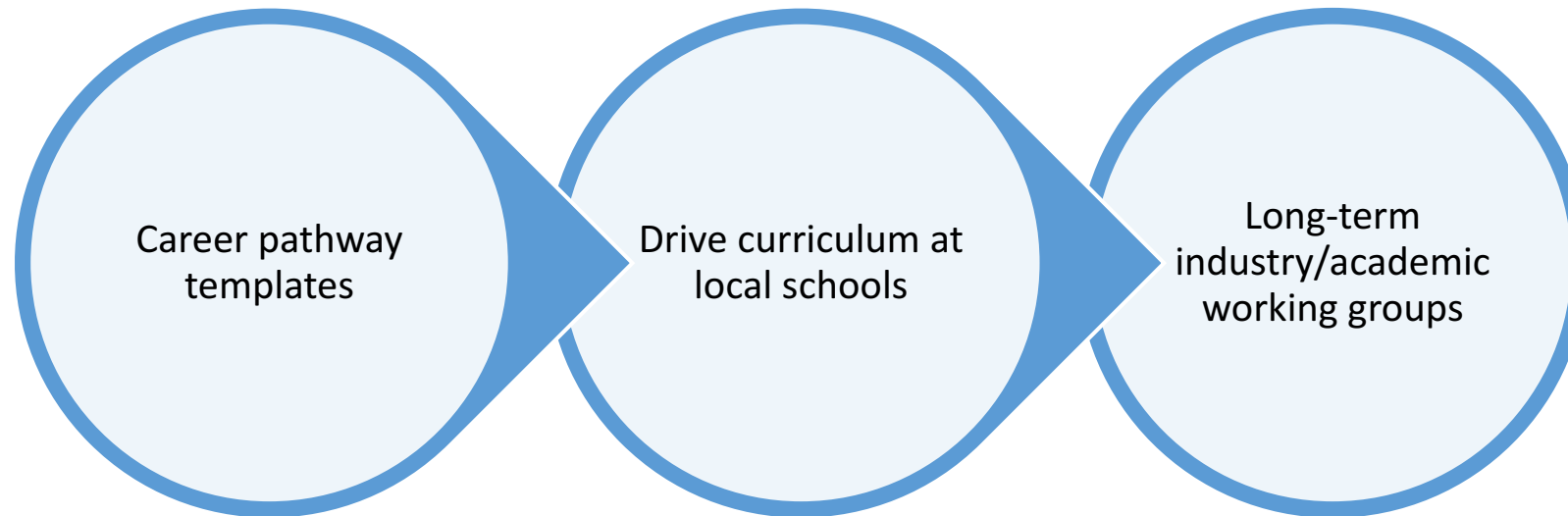


- Timeline:

- April 2017: DWGs formed/national kickoff
- May 2017: Initial DWG meetings
- January 2018: Initial report due for career pathways for critical occupations
- August 2018: Initial report due for implementation plan
- October 2018: Final report due



Goals and outcomes



- For critical transportation occupations

- Continue to steer and advise workforces' skills, competencies, job availability, wages, etc.



- Operations Discipline Working Group:
 - **Dave Bergner**, Principal, Monte Vista Associates; Chair, TRB Standing Committee on Maintenance and Operations Personnel
 - **Robert Bertini**, Director, Center for Urban Transportation Research at University of South Florida
 - **Brad Freeze**, Director Traffic Operations Division, TDOT
 - **Nathan Garrett**, Assistant Director, Tennessee College of Applied Technology
 - **Sean Healy**, Senior Vice President Strategic Planning & Engineering, FedEx Freight
 - **Taiwo Jaiyeoba**, Associate Vice President, HNTB Companies
 - **Crystal Jones**, Team Leader Freight Management and Operations, FHWA

- Operations Discipline Working Group:
 - **Terry Murphy-Latta**, Director of Railroad Training Programs, National Academy of Railroad Sciences, Johnson County Community College
 - **Eric Rensel**, Vice President, Gannett Flemming
 - **Mark Robinson**, President and COO, Dbi Services
 - **Gary Rosenfeld**, CEO, Memphis Area Transit Authority
 - **Page Siplon**, CEO, TeamOne Logistics
 - **Patrick Son**, Managing Director, National Operations Center of Excellence
 - **Anne Strauss-Wieder**, Director of Freight Planning, North Jersey Transportation Planning Authority


- **JOC Inland Distribution Conference 2017**
 - November 6 session for students
 - Modeled after last year's successful partnership (and 'Meet your Mode' format)
 - Capacity of 125 students
 - Atlanta area school contacts?

JOC EVENTS | **INLAND DISTRIBUTION CONFERENCE**


November 06 - 08, 2017
Atlanta, Georgia

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[WHO'S ATTENDING?](#) [LOCATION](#) [FLOORPLAN](#) [TRAVEL](#) [ACCOMMODATIONS](#) [FROM 2016](#)




NEW IN 2017




NETWORKING

3 days of content and networking catered directly to 400+ domestic shippers and transportation providers.



NEW LOCATION

Moving to Atlanta, Georgia, the largest freight transportation hub in the Southeast.



KEY MARKET DATA

Two full days of in-depth North American focused content, including market outlook and pricing trends, technology and innovation, and think tank round tables.

• Questions?

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Meredith Powers:

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