Maritime Transportation Workforce: Training Gaps and Opportunities

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Getting to know Long Beach City College

• Of our 36,000 students 67% are eligible for federal financial aid
• Despite the challenges:
  • 30% increase in completions
  • Revamped the Trades with 32 new and updated programs
  • >300% increase in adult ed reaching new populations
• Cutting edge programs in:
  • Computer and Office Studies
  • Cybersecurity
  • Robotics
  • Advanced Transportation
What is the role of community colleges in workforce development?

• **Community Colleges are on the frontlines in training skilled workers**
  - Mission to provide access to lifelong learning for all citizens and create a skilled, progressive workforce
  - Largest system of higher education in the US, serving more than 2.1 million students at 115 colleges
  - Traditional degrees and university transfer to industry-specific certificates, credentials, and adult education classes

• **Long Beach City College is a leader in industry engagement**
  - Center for Community and Industry Engagement
  - Robust Industry Advisories
  - Adjunct Faculty from Industry

• **Key partner has been the Port of Long Beach**
  - Maritime Center of Excellence
  - Zero Emissions Vehicles Workforce Assessment
What are the career opportunities in Supply Chain and Logistics Industries?

• 100,000 openings in the top 50 occupations expected over the next five years

• The Port supports 2.6M jobs in the U.S., 705,000 jobs in California, 575,000 in the 5 county region, and 51,000 (1 in 5 jobs) in Long Beach

• Port-related jobs in Long Beach increased by 70% since 2004 due to increased cargo volume

• 75% require an AA degree or less education

• Top salaries for Transportation/Distribution Managers ~$90K with 15K projected openings making more than $50K to start

• Community colleges are best positioned to prepare students to enter this industry
How did LBCC and POLB Create the Maritime Center of Excellence?

- Commissioned Middle Skills Supply Chain Career Pathways Report
- Created Industry Advisory Committee
- Developed seven short-term training programs for in-demand, middle-skills occupations:
  - Customer Service Representative
  - Dispatcher
  - Logistics Specialist
  - Logistics Manager
  - Transportation Supervisor
  - Warehouse and Distribution Supervisor
- Nearly 100 people trained since February 2019
How do we Prepare for a Zero-Emission Workforce?

• Zero emissions by 2020 at the Port with ZEV equipment replacing diesel

• Many local transit agencies—including Long Beach Transit—converting to electric buses

• Industry partners need trained technicians

• Partnered with LBCC to conduct a Zero Emission Port Equipment Workforce Assessment

• LBCC’s Advanced Transportation program is now on the cutting edge

• Also creating short-term training for existing employees to convert from diesel to electric
Questions?