

# 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

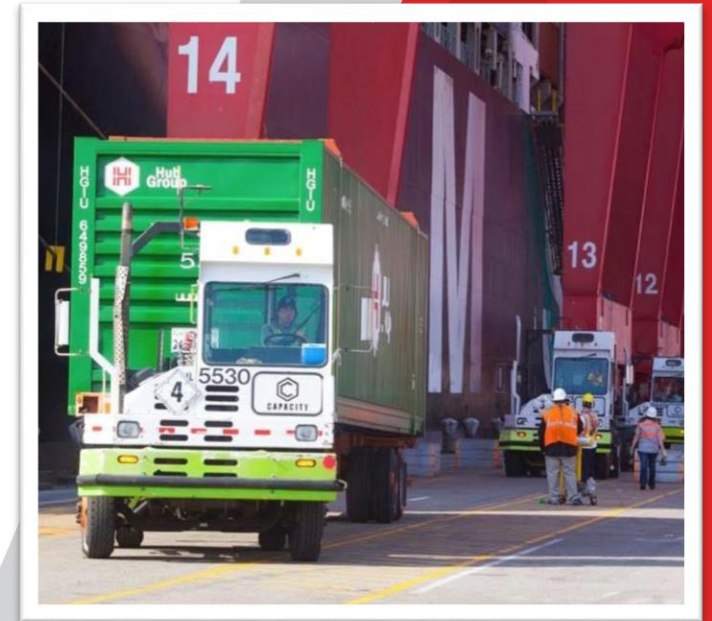
Port of Long Beach  
**MARITIME CENTER OF EXCELLENCE**  
at Long Beach City College





# 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?

