

Creating a Workforce Pipeline

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AAPA Workforce Summit 2019 – Long Beach, CA





City of Long Beach



Major Economic Engine

\$Billions in Trade, Thousands of Jobs

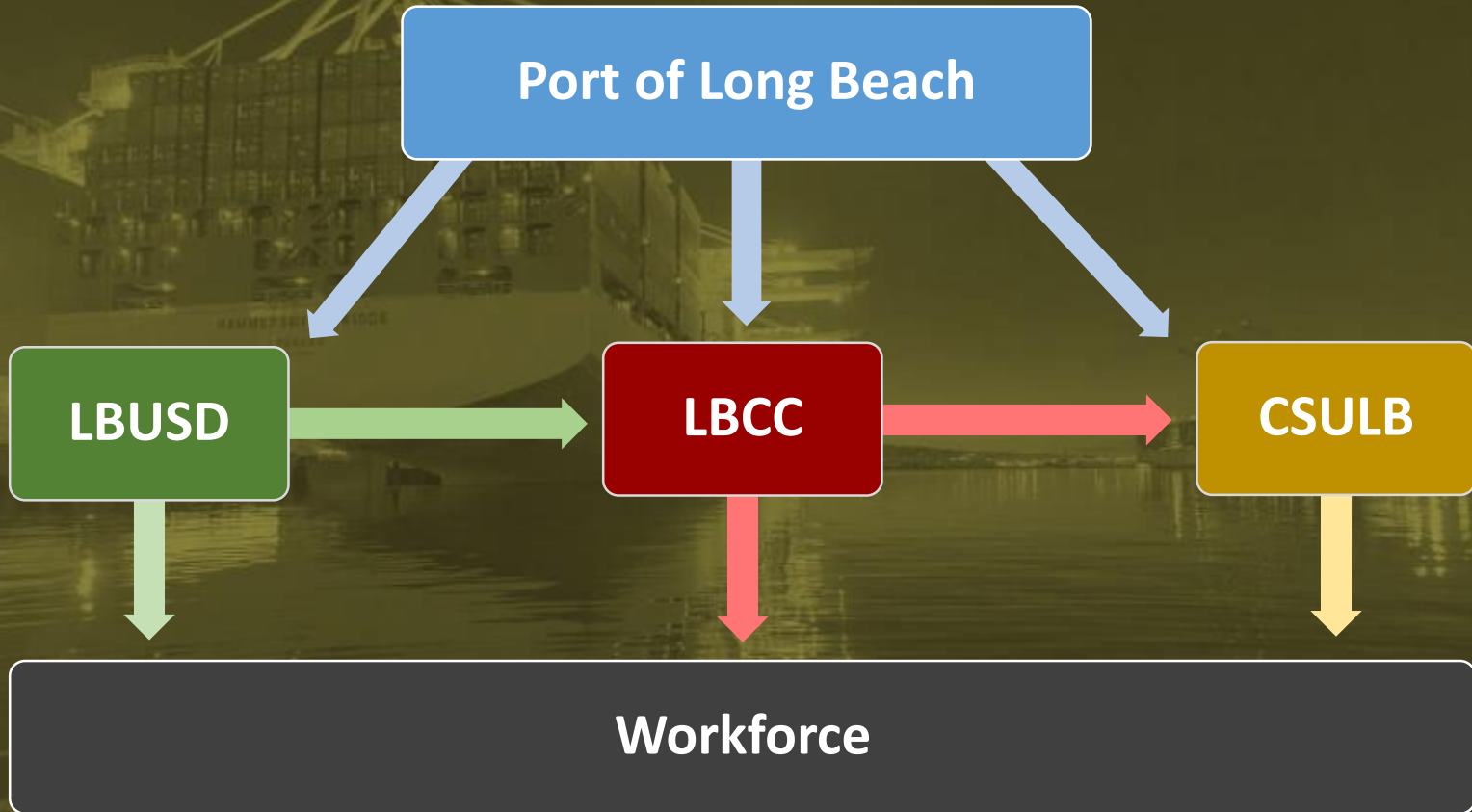
Limited Education Outreach



Comprehensive Education And Workforce Development Strategy



Workforce Development Pipeline



LBUSD/HIGH SCHOOL

- In-classroom presentations
- Guest speakers
- Harbor tours
- Access to industry events
- Scholarships
- Summer internships

AGL Career Pathway

- Industry advised curricula
- Career-based learning
- Experiential learning
- Integrated student supports

STEM Outreach

- Engineering Externships

LONG BEACH CITY COLLEGE

Scholarships (For Credit):

- International business
- Engineering
- Environmental Sciences
- Advance Transportation Technology: Alternative Fuels and Electronic Vehicles
- HVAC

Maritime Center of Excellence (Non Credit):

- Seven in-demand middle-skills training
- Industry advisory committee
- AGL boot camp
- Internships

CSU, LONG BEACH

Scholarships (For Credit):

- International business
- Engineering
- Environmental Sciences

Internships*

Center for International Trade & Transportation:

- Curriculum development
- Technical assistance
- Industry involvement



Truck Driver



Commercial Diver



Cement Finisher



Security



Civil Engineer



Computer Analyst



Electrician



Port of **LONG BEACH**
Celebrating
Women In Trade Luncheon

Port of **LONG BEACH**
Celebrating
Women In Trade

Industry Events

Electrician

Install, repair and wire the world

Use your hands and mind in this high-skill trade to power homes, businesses and cities. With the push for clean energy, you'll go for the green while helping the world go green.

What You'll Need:

- On-job training, usually as an apprentice
- Community colleges offer electrical training classes
- State license for contractors

What It Pays:

- \$63,315 median annual for mid-level experience
- Median hourly range of \$22.25 to \$38.33 in California, based on experience

Conveyor

Drill Engineer



Scholarships and Internships

Long Beach College Promise



Port of
LONG BEACH
The Green Port


**THE LONG BEACH
COLLEGE
PROMISE**

LONG BEACH UNIFIED SCHOOL DISTRICT

Cynthia Bater



LONG BEACH UNIFIED SCHOOL DISTRICT:



72,000 students K-12
22,390 grades 9-12

- 57.1% Hispanic
- 11.6% African American
- 12.1% White
- 6.7% Asian
- 4.2% Multiple Races
- 2.7% Filipino
- 1.2% Pacific Islander

65% Socioeconomically Disadvantaged



16 high schools

- 6 large comprehensive
- 5 small thematic
- 4 alternative
- 1 K-12 school



Wall-to Wall Pathways-38 pathways

LONG BEACH COLLEGE PROMISE

Every Student College and Career Ready



Long Beach College Promise

COLLEGE AND CAREER READY

STUDENT
OUTCOMES

Secondary
Completion



Postsecondary
Completion



Industry
Credential
Completion

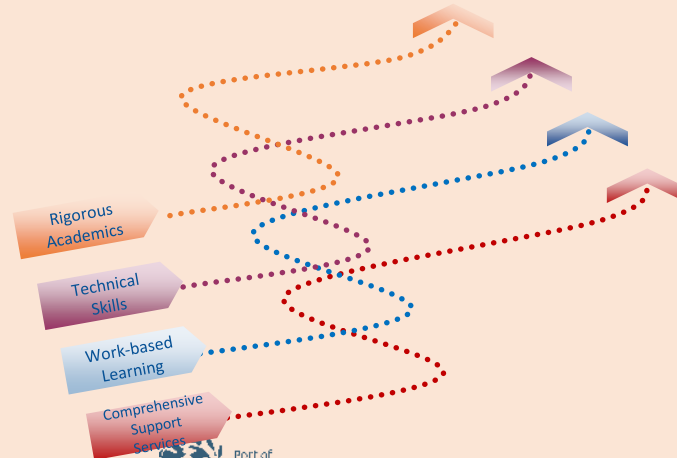


Entry into Viable
Employment



Integrated K-14/16 Career Pathways aligned with Workforce Needs of 15 Industry Sectors

APPROACH TO
ACHIEVING
STUDENT
OUTCOMES: **LINKED
LEARNING**



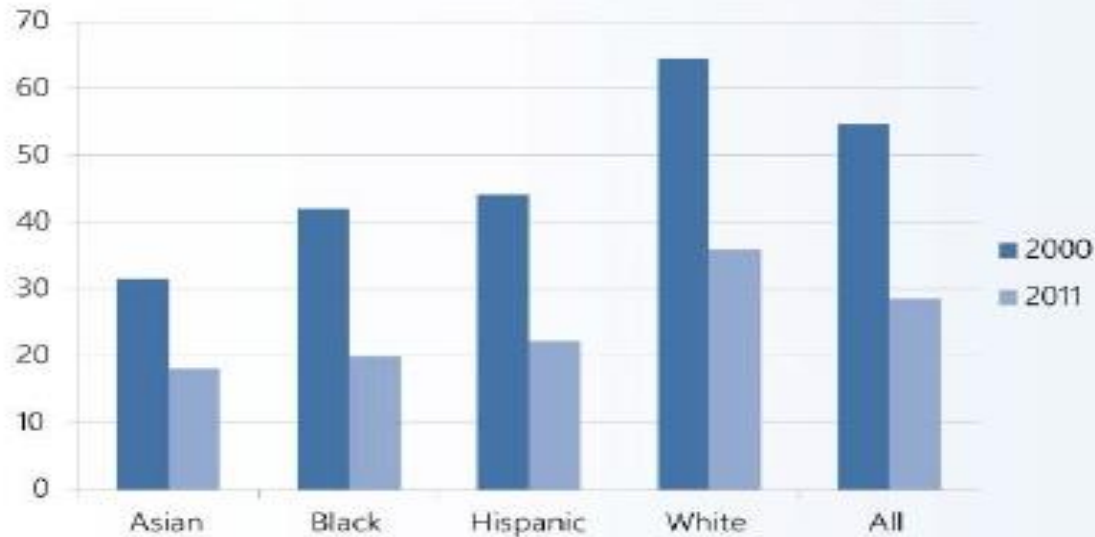
Organizing Principles

- Student Interest
- Improve student achievement
- Connect academics to real-world applications
- Prepare students for both college and career
- Lead to the full range of postsecondary options



The share of teens with any paid employment dropped from 55% in 2000 to 28% in 2011. In other words, year-round teen joblessness increased from 45 to 72%.

Share of Teens Aged 16-19 in the Nation's 100 Largest Metropolitan Areas with Paid Employment Experience During the Year, by Race/Ethnicity, 2000 and 2011



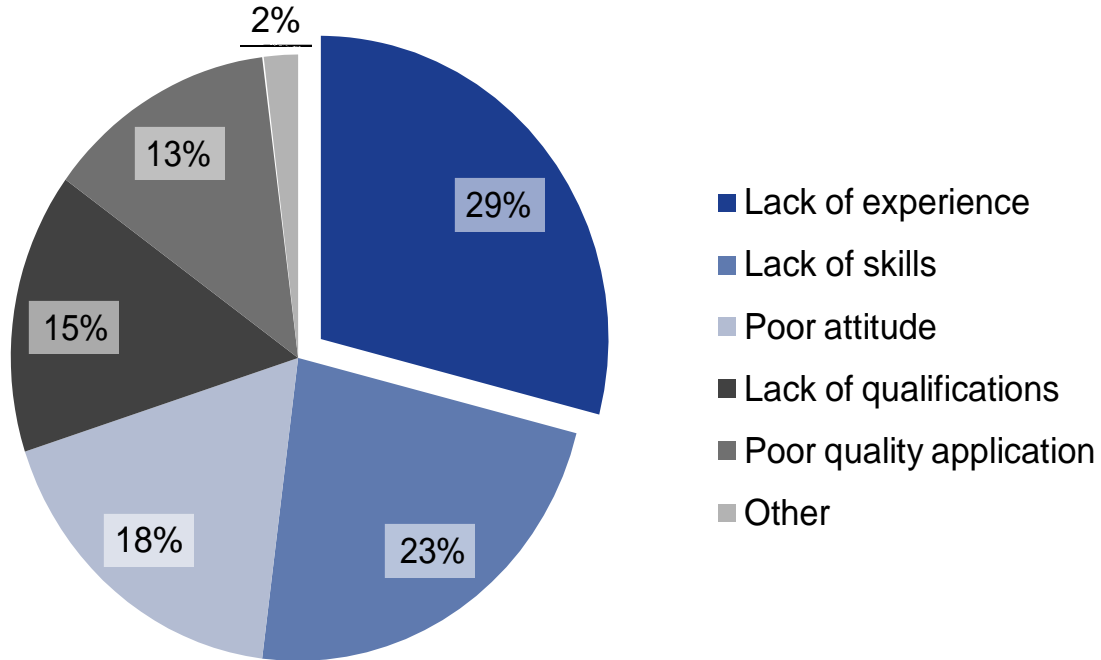
Source: Andrew Sum, Ishwar Khatiwada, Mykhaylo Trubskyy, and Martha Ross with Walter McHugh and Sheila Palma, *The Plummeting Labor Market Fortunes of Teens and Young Adults*, Brookings, 2014 (https://www.brookings.edu/wpcontent/uploads/2014/03/Youth_Workforce_Report_FINAL.pdf).

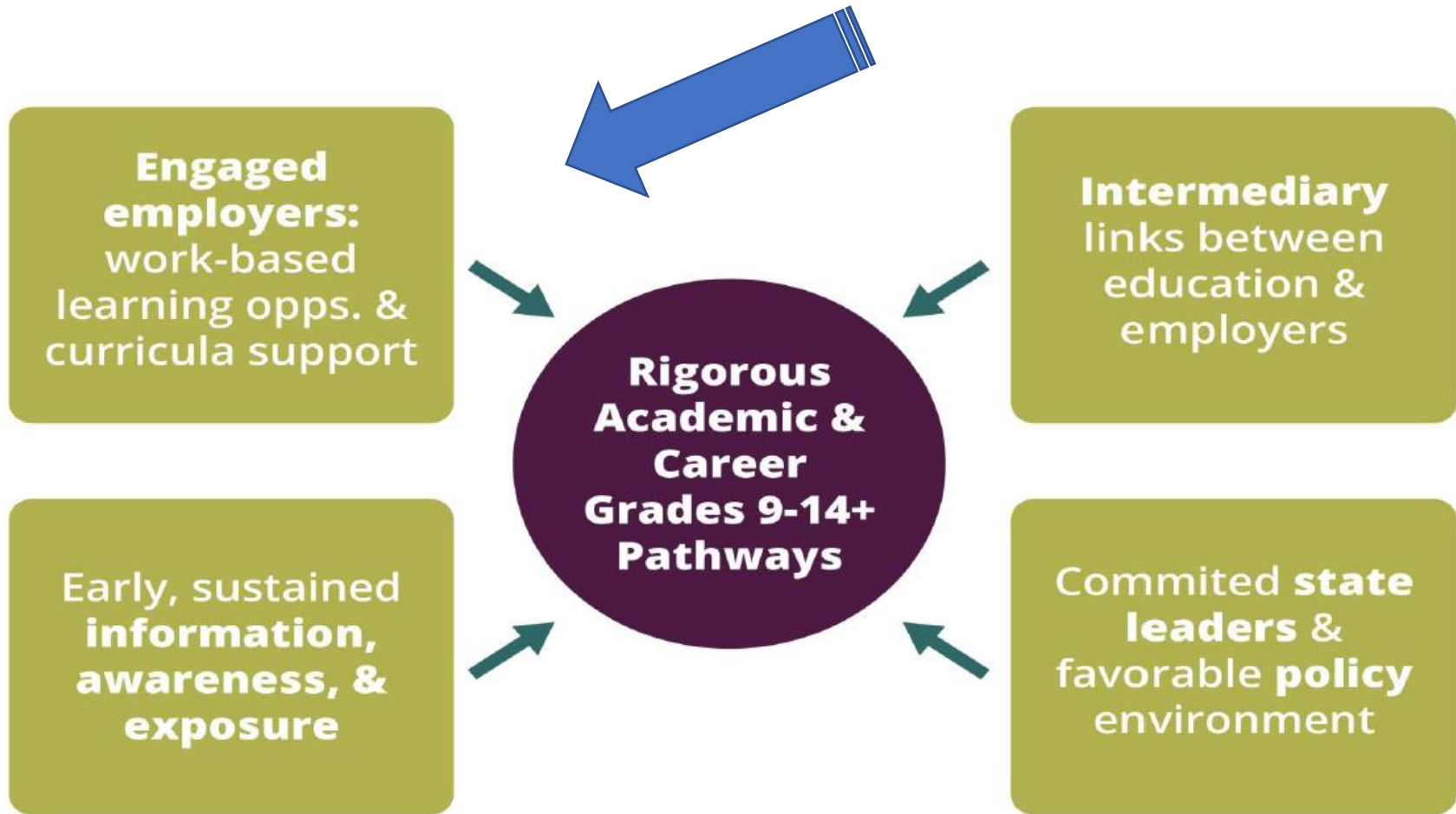
Metropolitan Area	Employment rate
Top 10	
Ogden-Clearfield, UT	43.2
Omaha-Council Bluffs, NE-IA	42.3
Des Moines-West Des Moines, IA	42.2
Salt Lake City, UT	39.9
Wichita, KS	38.3
Harrisburg-Carlisle, PA	38.2
Portland-South Portland-Biddeford, ME	36.7
Minneapolis-St. Paul-Bloomington, MN-WI	36.3
Oklahoma City, OK	35.8
Provo-Orem, UT	35.3
Bottom 10	
Atlanta-Sandy Springs-Marietta, GA	19.8
Miami-Fort Lauderdale-Pompano Beach, FL	19.6
Las Vegas-Paradise, NV	19.5
San Francisco-Oakland-Fremont, CA	19.4
New York-Northern New Jersey-Long Island, NY-NJ-PA	19.3
San Jose-Sunnyvale-Santa Clara, CA	19.2
Fresno, CA	18.3
Riverside-San Bernardino-Ontario, CA	17.7
Modesto, CA	17.4
Los Angeles-Long Beach-Santa Ana, CA	16.9

Employment Ratio/Population of Teens in Top 100 Metropolitan Areas with the ten highest and ten lowest employment 2011

Why Employers Don't Hire Young People

Figure 4: Reasons employers give for not employing young people







Port of
LONG BEACH
Academy
of Global Logistics

Applied Global Logistics Externship Experience

Sponsored by the Port of Long Beach

Port of
LONG BEACH
 Academy
of Global Logistics

What Does the Current AGL Data Tell Us?

In the last three years AGL :

- 10% increase in the number of 8th grade students choosing AGL
- Decrease in the number of D's and F's earned
- Increase AP course enrollment from 6% in 2016 to 16% 20
- Number of chronically absent students has fallen from 24% to 10%

Preparing Today's Students for Tomorrow's Workforce

Melissa Infusino

Director Workforce Development

Long Beach City College

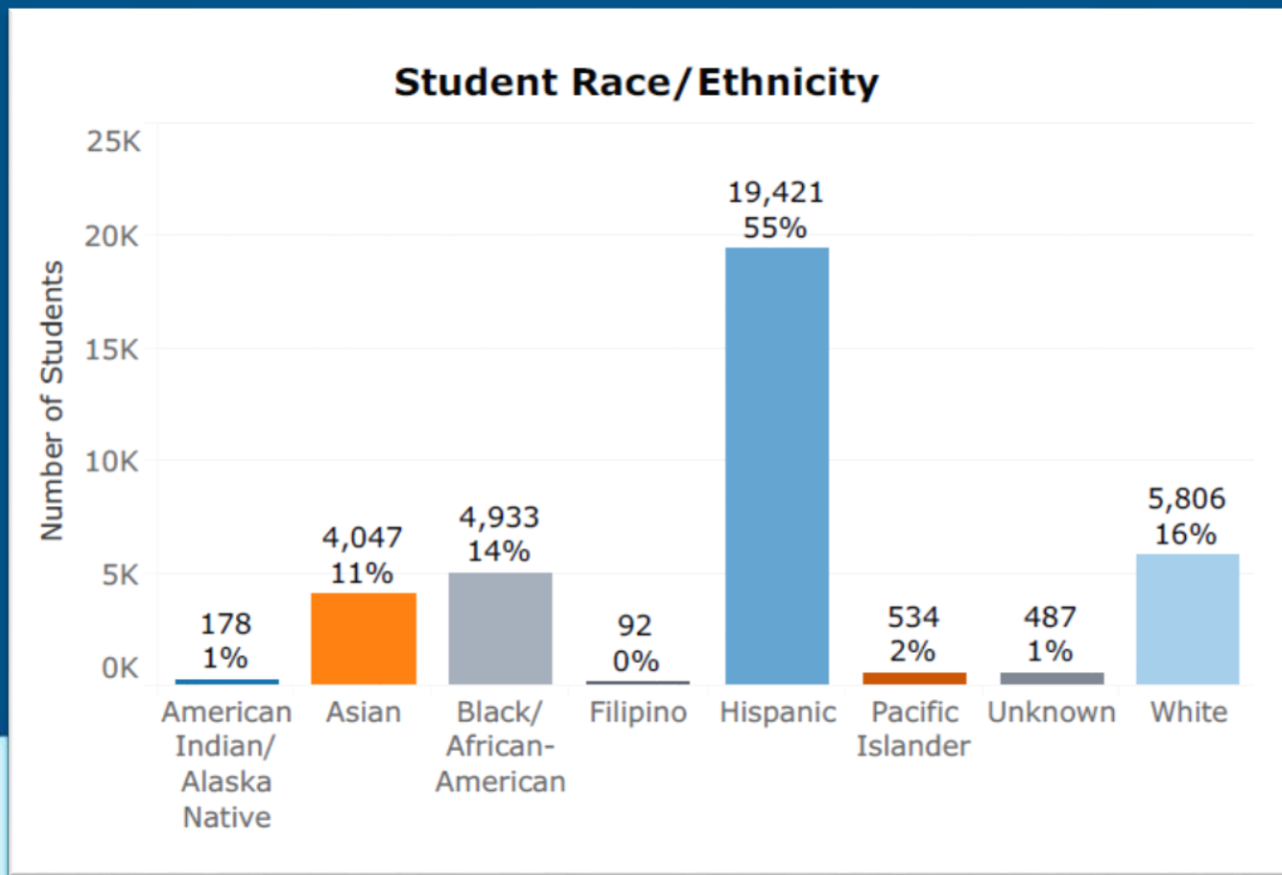


About Us



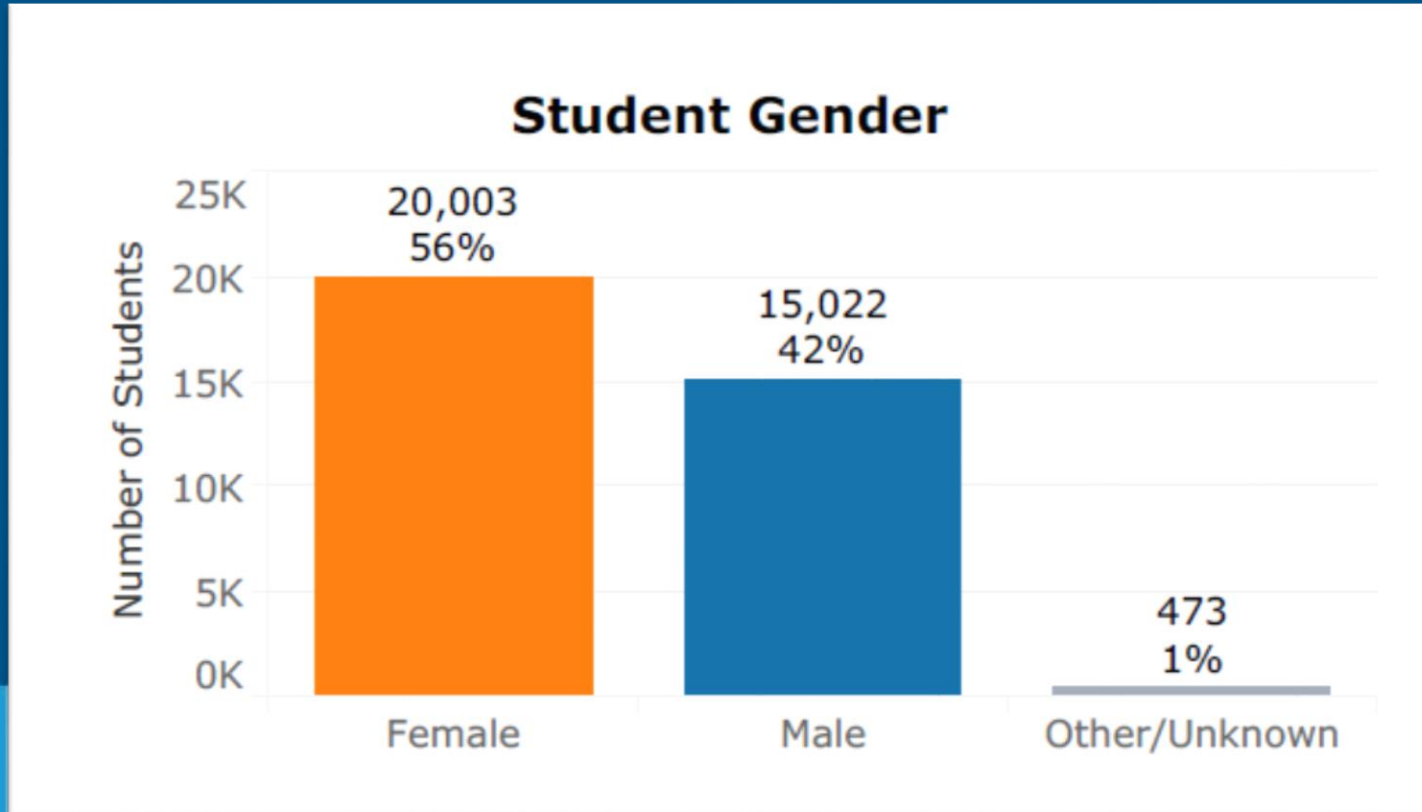
Student Demographics - Ethnicity

Total Enrollment is 35,498



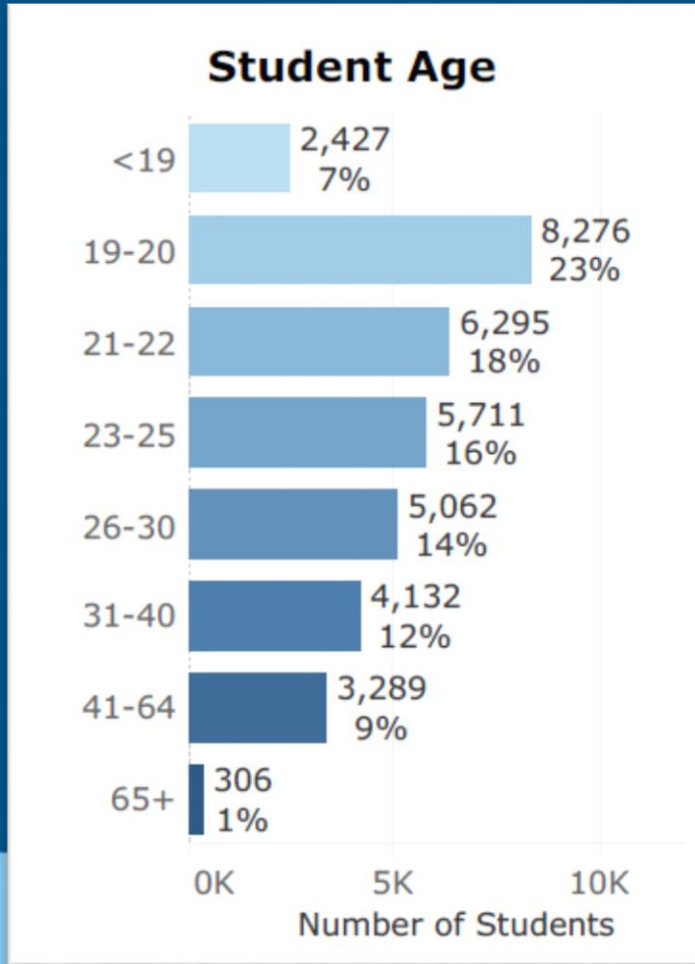
Student Demographics - Gender

Total Enrollment is 35,498



Student Demographics Age

Total Enrollment is 35,498



Economic Challenges

- 67% of our students receive Financial Aid
- 2017 survey of 33K Community College students in 24 states found that...
 - 67% of students identified as food insecure
 - 33% experienced the very lowest levels of food security
 - 50% of all students identified as housing insecure
 - 14% were homeless
- For LBCC it means...
 - 23,784 students identified as food insecure
 - 11,714 experienced the very lowest levels of food security
 - 17,749 had identified as housing insecure
 - 4,970 were homeless





Workforce Opportunities in Supply Chain and Logistics Industries

- Nearly One Million Jobs in the Five County Area tied to international trade
- Many of the jobs require only an AA degree or some college
- Most people are unaware of the industry and the opportunities

Developing the Maritime Center of Excellence

- Commissioned Middle Skills Supply Chain Career Pathways Report
- Created Industry Advisory Committee
- Integrated Council for Supply Chain Management Professionals Certifications
- Designed for people not on a linear path from high school to a four year college
- Accessible to everyone interested in working in the sector, regardless of previous education, training or work experience



Launching The Maritime Center of Excellence

- Developed six short term training for to in-demand middle-skills occupations
 - Logistics Manager
 - Transportation Supervisor
 - Logistics Specialist
 - Customer Service Representative
 - Dispatcher
 - Warehouse and Distribution Supervisor
- Almost 100 people trained since February 2019
- Additional High School Boot Camp

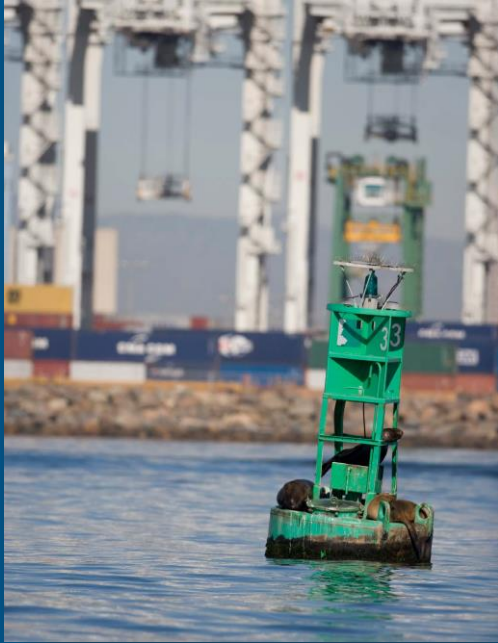


Zero Emission Port Equipment Workforce Assessment

- Technology adoption projections
- Identify workforce skills to manufacture, operate and maintain electrification equipment and infrastructure
- Identify gaps in workforce skills and education and training programs to address these gaps
- Make recommendations for future training



Future Work with the Port



- Maritime Center of Excellence Year 2
 - Creating new and refining existing classes
 - Converting classes to free noncredit programs
 - Creating industry engagement and networking events
 - Providing job readiness workshops
- Creating Zero Emissions Training
- Creating Cybersecurity Training


From Career Explorer to Lifelong Learner

Angeli Logan

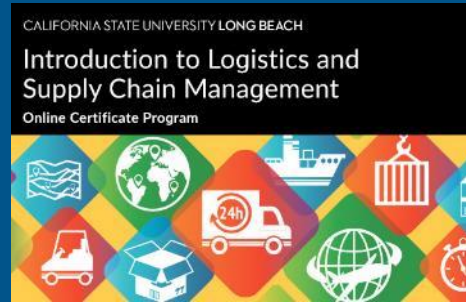
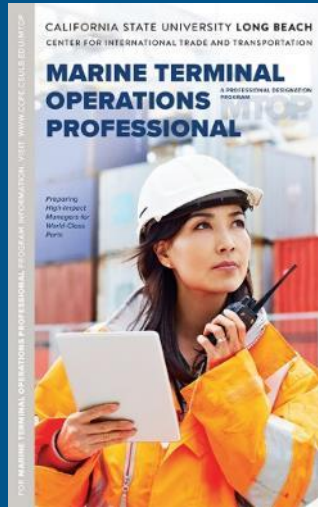
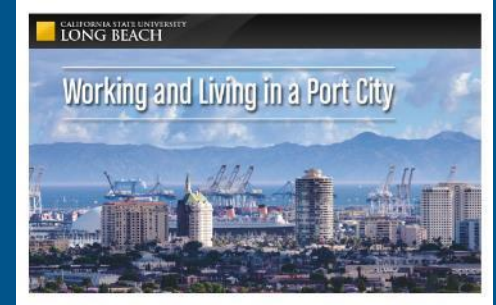
Director, Trade & Transportation Programs

CSU, Long Beach – Center for International Trade & Transportation

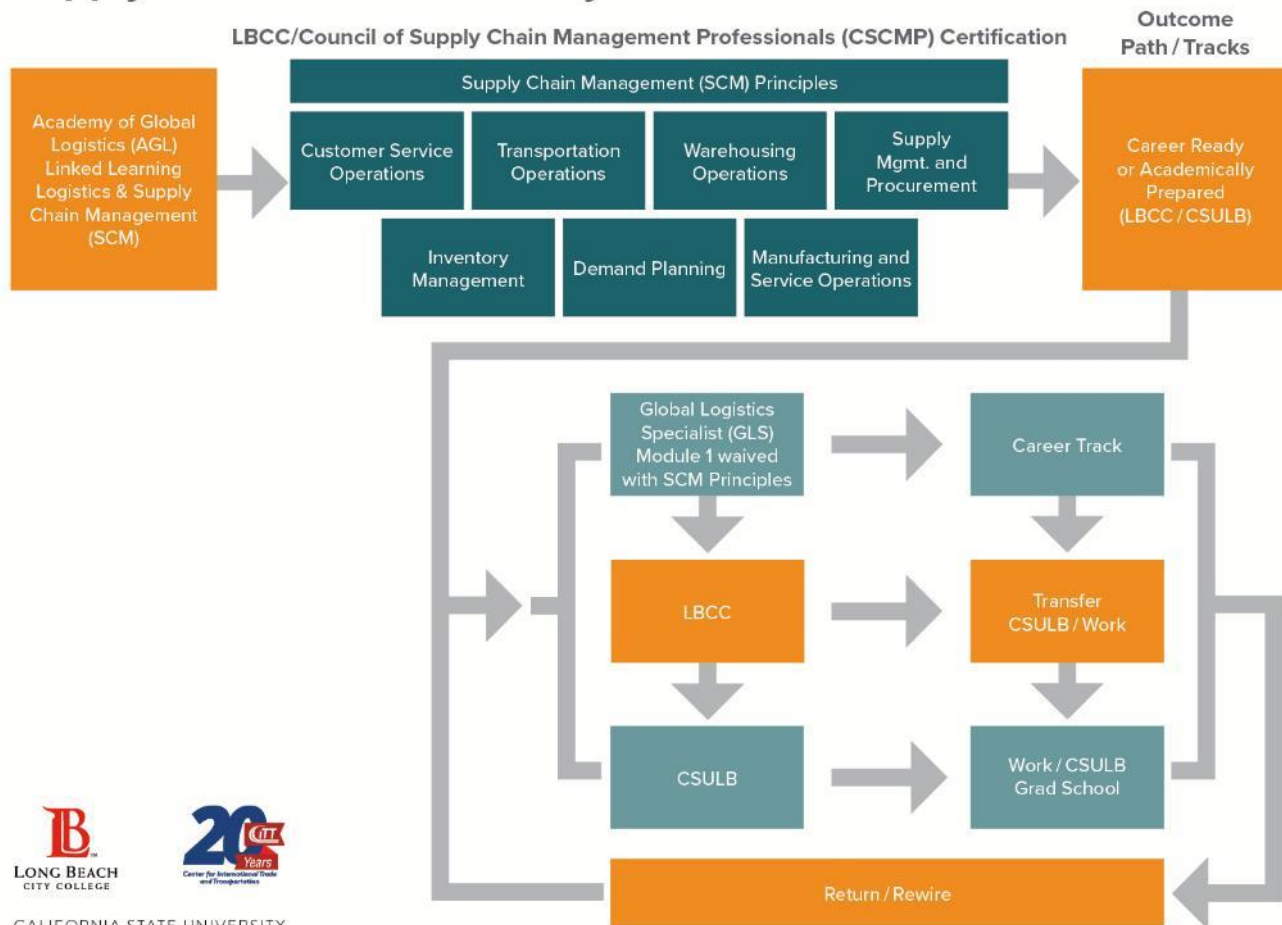




CALIFORNIA STATE UNIVERSITY
LONG BEACH



Supply Chain Career Pathways



CALIFORNIA STATE UNIVERSITY
LONG BEACH

Goals for AGL

- Provide a foundation to ensure long-term success of the academy
- Link academic curriculum with real-work knowledge to prepare students for college OR career

Engage Our Community Partners

- Industry Engagement
- Education and Training Partners
- Workforce Development Board



Big League Dreams



Make learning fun, relevant & attainable

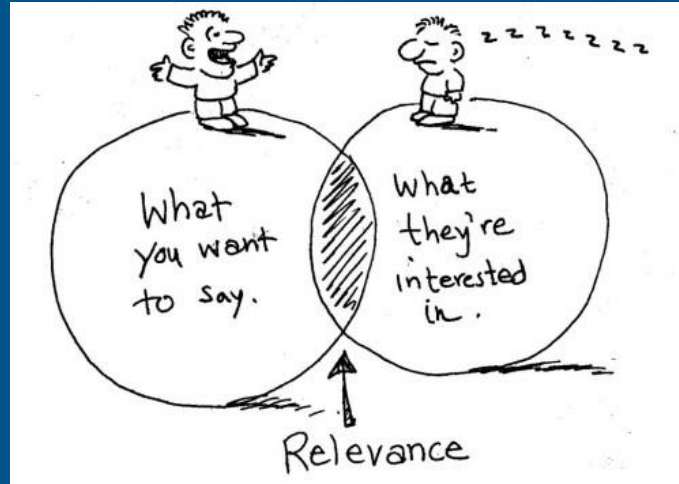
Make Learning Fun



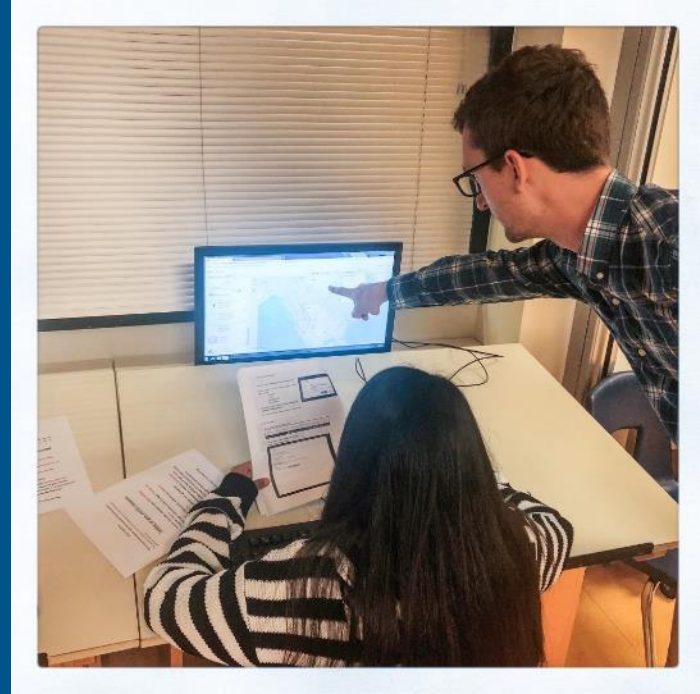
- Site visits & Tours
- Engage teachers in the process

Make Learning Relevant

- It's personal
- They can relate to what they may already know



<https://www.opencolleges.edu.au/informed/wp-content/uploads/2014/08/relevance.jpg>

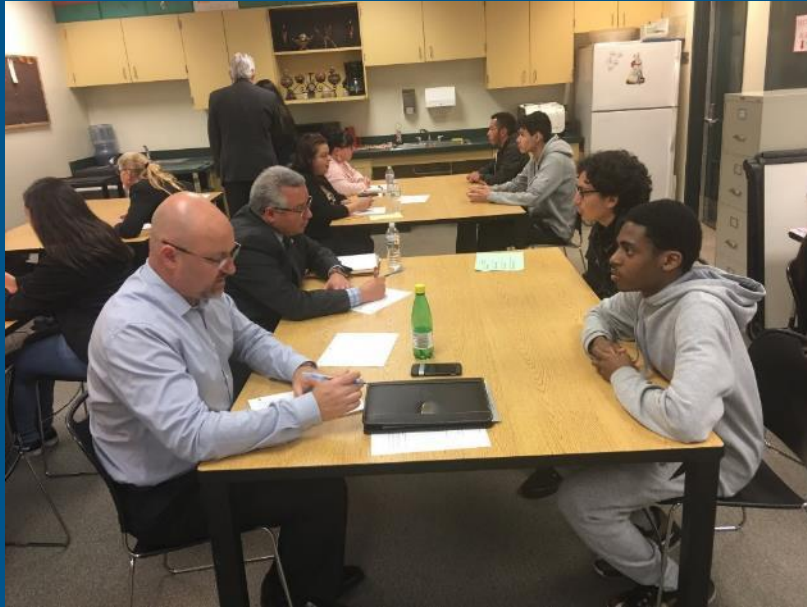


Make Learning Attainable

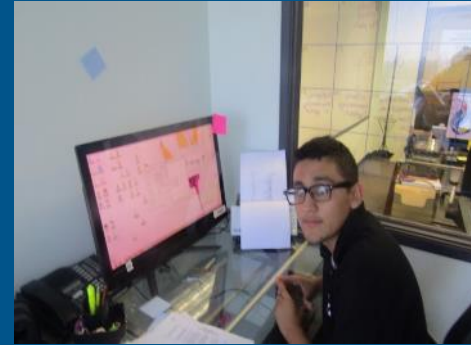
- Industry Mixer & Mentoring
- Mock Interviews
- Internships & Career Exploration Activities
- Participating in industry Events
- Scholarships



Mentor Program & Mock Interviews



Experience Industry through Internships



Industry Events



Which Path is Right for Me?



Multiple Entry Points for Lifelong Learning



<https://bmogamviewpoints.com/wp-content/uploads/2018/10/los-angeles-freeway-interchange-banner-1038x370.jpg>

Lifelong Learning for Lifetime Success!

VIDEO

Questions?