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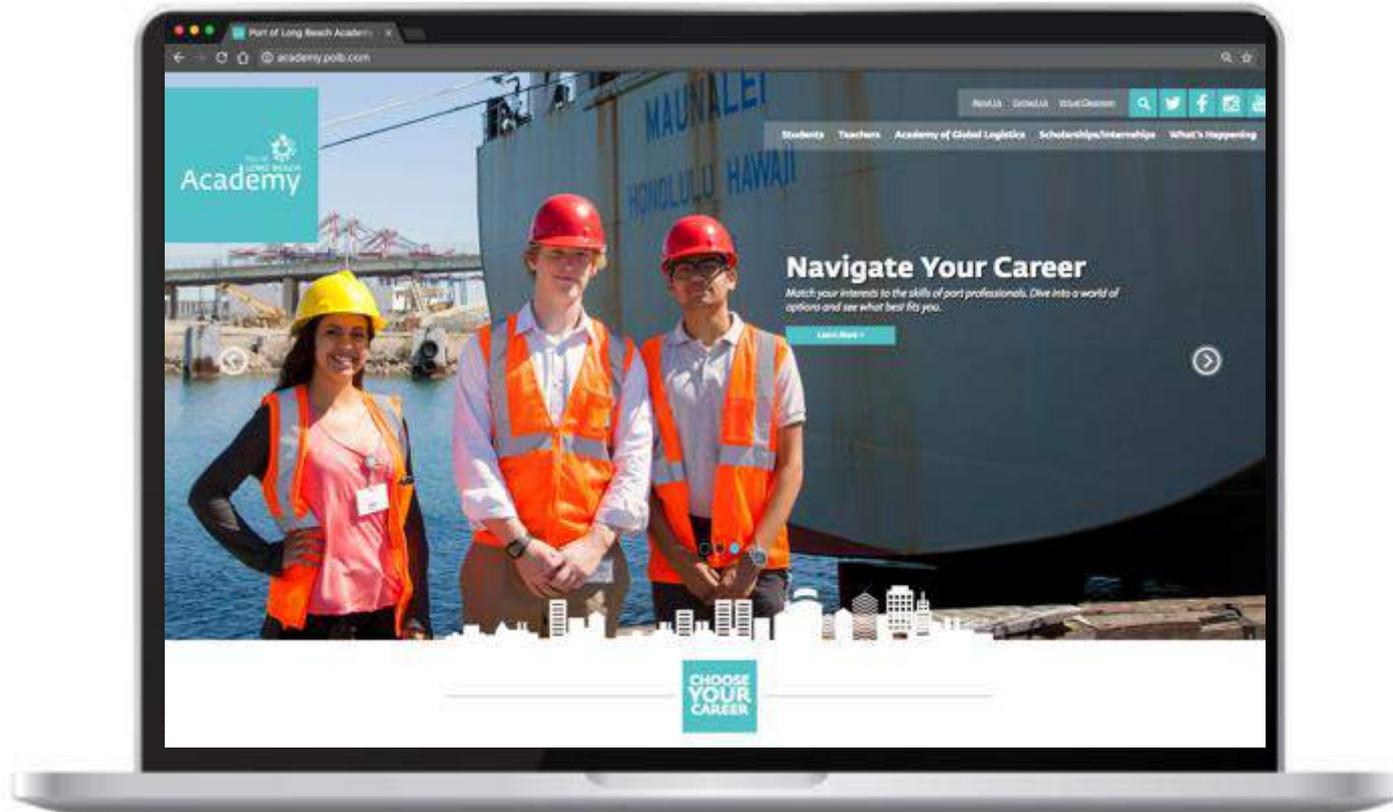
**Kerry Gerot**  
Director of Communications and  
Community Relations



Port of  
**LONG BEACH**  
The Green Port

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**AAPA/2017**  
Port of **LONG BEACH**  
GREEN PORT OF THE FUTURE



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# CHOOSE YOUR CAREER



Computer Analyst



Electrician



Environmental  
Specialist



Freight Forwarder



International Trade  
Specialist



Land Surveyor  
*Calculate and Create*



---

[Learn More >](#)



**Academy of Global Logistics**

of least working **Students** Teach

they're asking each the greatest that they can be. There's going to be high demand for green energy jobs.

Tommy Fawcett  
Electrician



# Electrician

Wire the World



Install, repair and wire the world!

Electricians use their hands and minds in this high-skilled trade to power homes, businesses and lives. With the push for clean energy, the opportunities for this career are boundless. Go for the green while helping the world go green.

### What It Pays

- \$63,315 median annual for mid-level experience in Los Angeles County
- Median hourly range of \$23.25 to \$38.33 in California, based on experience level

### What You'll Need

- On-the-job training, usually as an apprentice. The International Brotherhood of Electrical Workers, in partnership with the National Electrical Contractors Association, offers paid apprenticeships that include on-the-job training and classes at the IBEW-NECA Electrical Training Institute of Southern California in Los Angeles
- Community colleges offer electrical trainee classes
- State license for contractors

### Where to Find Local Programs

- The International Brotherhood of Electrical Workers Local 11 represents more than 12,000 workers in the Long Beach/Los Angeles area. In partnership with the National Electrical Contractors Association, IBEW Local 11 offers paid apprenticeships that include classes and on-the-job training through the [Electrical Training Institute of Southern California](#)
- [Long Beach City College](#) offers classes through its Electrical Technology Program

# AAPA/2017

## Port of LONG BEACH

### GREEN PORT OF THE FUTURE

## Land Surveyor

Map it!

If you love geography and precision, land surveying may be your career destination. Combine your passion and skills with the hands-on profession.

What You'll Need:

- Land Surveyor in Training (LSIT) certificate
- Two years of college-level land surveying courses
- Must pass the National Council of Examiners for Engineering and Surveying (NCEES) Fundamentals of Surveying (FS) exam

What It Pays:

- **Land Surveyor in Training:** \$38,152 median annual pay for mid-level experience in Los Angeles County
- **Land Surveyor:** \$45,399 median annual pay for mid-level experience in Los Angeles County



## International Trade Specialist

Love to travel!

If you have a passport and a knack for languages, this profession may be for you! Help the world go green by analyzing markets, tracking worldwide trends and targeting international markets with this global career.

What You'll Need:

- Bachelor's Degree
- Master's degree in IATA

What It Pays:

- \$50,362 median annual mid-level experience in the U.S.
- \$26-134 median hourly range nationwide, based on experience



## Freight Forwarder

Get the goods!

As a freight agent for cargo, freight forwarders are responsible for ensuring that all goods are being properly transported around the world.

What You'll Need:

- High school diploma or equivalent
- Clinical and commercial sales skills
- State license

What It Pays:

- \$42,616 median annual for mid-level experience in Los Angeles County
- \$26,400-\$70,000 hourly range in California, based on experience




**Students** **Teach**  
 How they  
 it gets  
 by the health of the  
 city, as well as cleaning up  
 the air that we breathe.  
 Rose Siengsubchart  
 Environmental Specialist

# Environmental Specialist

Go Green



Is green your favorite color?

If you love the planet and want to make a difference on a global scale, jump in and discover endless opportunities for making the world a better place for all its inhabitants. Whether in the lab, out in the field, or in the office, environmental specialists study the quality of our air, water and soil to help individuals and institutions make better choices so everyone to work, play and prosper in a healthier world. Join the growing ranks of people building the new green economy to ensure the long-term survival of us all.

#### What it Pays

- \$84,427 median annual for mid-level experience in Los Angeles County
- Median hourly range of \$31.44 to \$48.01 in California, based on experience

#### What You'll Need

- Bachelor's Degree
- Master's degree or doctorate for research positions

#### Where to Find Local Programs

- California State Polytechnic University, Pomona
- California State University, Channel Islands
- California State University, Long Beach
- California State University, Los Angeles
- California State University, Northridge
- California State University, San Bernardino
- Chapman University

# AAPA/2017

## Port of LONG BEACH

### GREEN PORT OF THE FUTURE



## Freight Forwarder

Get the Goods

As a freight agent for cargo, freight forwarders are responsible for ensuring that all goods are being properly transported around the world.

What You'll Need:

- High school diploma or equivalent
- Clerical and commercial skills
- State license

What It Pays:

- \$40,000 median annual for mid-level experience in Los Angeles County
- \$36,400-\$70,000 hourly range in California, based on experience





## Land Surveyor

Map what?

If you love geography and geometry, land surveyors may be your career choice. Challenge your pencil and skills with the hands-on profession.

What You'll Need:

- Land Surveyor in Training (LSIT) certificate
- Two years of college-level land surveying courses
- Must pass the National Council of Examiners for Engineering and Surveying (NCEES) Fundamentals exam for Surveying (FS) exam

What It Pays:

- Land Surveyor-in-Training: \$38,152 median annual pay for mid-level experience in Los Angeles County
- Land Surveyor: \$49,399 median annual pay for mid-level experience in Los Angeles County





## International Trade Specialist

Love to Travel?

If you have a passport and a knack for business, this profession may be for you! Help the world get ready for marketing markets, tracking worldwide trends and managing international relations with the global marketplace.

What You'll Need:

- Bachelor's Degree
- Master's degree or MBA

What It Pays:

- \$50,362 median annual mid-level experience in the U.S.
- \$36,134 median hourly range nationwide, based on experience



from one place to another we ... It's fun because you get to be aware of what's going around the world around you, and then incorporate that into your job.

Mark Hirtzel  
Freight Forwarder



# Freight Forwarder

Get the Goods



How do shoes made in Asia get to the U.S.?

Goods move from one country to another thanks to freight forwarders. As travel agents for cargo, they book passage on planes, trains, ships and trucks for imports and exports, make sure everything has documents, and track items from origin to destination. Moving stuff requires people skills. Enjoy working with folks all around the world!

### What it Pays

- \$43,514 median annual for mid-level experience in Los Angeles County
- Median hourly range of \$16.46 to \$27.66 in California, based on experience level

### What You'll Need

- High school diploma or equivalent highly recommended
- Clerical and communication skills
- State License

# AAPA/2017

## Port of LONG BEACH

### GREEN PORT OF THE FUTURE



## Freight Forwarder

Get the Goods

As travel agents for cargo, freight forwarders are responsible for ensuring that all goods are being properly transported around the world.

What You'll Need:

- High school diploma or equivalent
- Clerical and communication skills
- State license

What It Pays:

- \$43,514 median annual for mid-level experience in Los Angeles County
- \$16.46-\$27.66 hourly range in California, based on experience



## Land Surveyor

Map it!

If you love geography and geometry, land surveying may be your career choice. Challenge your pencil and skills with the hands-on profession.

What You'll Need:

- Land Surveyor in Training (LSIT) certificate
- Two years of college-level land surveying courses
- Must pass the National Council of Examiners for Engineering and Surveying (NCEES) Fundamentals of Surveying (FS) exam

What It Pays:

- Land Surveyor in Training: \$38,152 median annual pay for mid-level experience in Los Angeles County
- Land Surveyor: \$45,389 median annual pay for mid-level experience in Los Angeles County



## International Trade

Love to Travel!

If you have a global mindset, the good news is that you can help the world get its goods. Working a long and interesting global career.

What You'll Need:

- Bachelor's degree
- Master's degree

What It Pays:

- \$40,302 median experience in IT
- \$16-\$26 hourly nationwide, based on experience

**Academy** of Global Logistics

Traveling was the **Students** we Teach

ing here on Terminal millions of people. This job is so key to keeping the economy going.

**Ebony Loeb**  
International Trade Specialist



# International Trade Specialist

Like to Travel



If you've got a passport and a knack for business, international trade may be the field for you. Work your way up to a career that helps the world go round by analyzing markets, tracking global trends and bridging international cultures. A foundation in international business and world affairs is a must. Skills in more than one language open even more doors. Pack your bags with a solid education and several years of job experience. Your flight is waiting!

### What it Pays

- \$82,862 median annual for mid-level experience in the U.S.
- Median hourly range of \$24 to \$56 nationwide, based on experience level

### What You'll Need

- Bachelor's Degree
- Master's degree or MBA

### Where to Find Local Programs

- Biola University
- California State University, Channel Islands
- California State University, Dominguez Hills
- California State University, Fullerton
- California State University, Long Beach
- Mount St. Mary's University
- Long Beach City College
- Pepperdine University
- San Diego State University
- University of La Verne
- University of San Diego

# AAPA/2017

## Port of LONG BEACH

### GREEN PORT OF THE FUTURE



## Freight Forwarder

Call the leader

As a freight agent for cargo, freight forwarders are responsible for ensuring that all goods are being properly transported around the world.

### What You'll Need:

- High school diploma or equivalent
- Critical and communication skills
- State license

### What It Pays:

- \$40,000 median annual for mid-level experience in Los Angeles County
- \$36,400-\$70,000 hourly range in California, based on experience



## Land Surveyor

Map it!

If you love geometry and precision, land surveying may be your career of choice. Challenge your pencil and skills with the hands-on profession.

### What You'll Need:

- Land Surveyor in Training (LSIT) certificate
- Two years of college-level land surveying courses
- Must pass the National Council of Examiners for Engineering and Surveying (NCEES) Fundamentals of Surveying (FS) exam

### What It Pays:

- **Land Surveyor in Training**  
\$38,152 median annual pay for mid-level experience in Los Angeles County
- **Land Surveyor**  
\$49,594 median annual pay for mid-level experience in Los Angeles County



## International Trade Specialist

### Like to Travel!

If you have a passport and a knack for business, international trade may be the field for you. Work your way up to a career that helps the world go round by analyzing markets, tracking global trends and bridging international cultures. A foundation in international business and world affairs is a must. Skills in more than one language open even more doors. Pack your bags with a solid education and several years of job experience. Your flight is waiting!

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- Master's degree or MBA

### What It Pays:

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- \$24-\$56 median hourly range nationwide, based on experience level


 or to learn  
 things that  
**Students** Teach  
 the best part of my job is I  
 know where I could be at the  
 beach part of the day and surveying  
 in the desert later that day.  
 Vivian Ogawa  
 Land Surveyor



# Land Surveyor

Calculate and Create



### Got perspective?

If you like geography and geometry in equal parts, land surveyor may be your common denominator. These masters of measurement triangulate, calculate and evaluate the lay of the land and derive the data needed to develop, design and build. The tools of the trade include prisms, lasers and altimeters, as well as GPS and GIS technology. Set your coordinates!

### What It Pays

- Land Surveyor-In-Training**  
 \$68,352 median annual pay for mid-level experience in Los Angeles County  
 Hourly range of \$23.47 to \$37.84 in California, based on experience
- Land Surveyor**  
 \$85,844 median annual pay for mid-level experience in Los Angeles County  
 Hourly range of \$33.39 to \$47.21 in California, based on experience

### What You'll Need

- Entry-level land surveyors must have a Land Surveyor-In-Training (LSIT) certificate from the [California Department of Consumer Affairs Board for Professional Engineers, Land Surveyors and Geologists](#).

To apply, candidates must have two years of college-level land surveying courses, or two or more years of related work experience, or a combination of courses and work experience totaling two years. Also, candidates must pass the National Council of Examiners for Engineering and Surveying (NCEES) Fundamentals of Surveying (FS) exam in order to apply for LSIT certification. Full-fledged land surveyors must have a state license and meet additional requirements.

### Where to Find Local Programs



## Land Surveyor

Map what?

If you love geography and geometry, land surveyor may be your common denominator. Challenge your pencil and skills with the hands-on profession!

What You'll Need:

- Land Surveyor-In-Training (LSIT) certificate
- Two years of college-level land surveying courses
- Must pass the National Council of Examiners for Engineering and Surveying (NCEES) Fundamentals of Surveying (FS) exam

What It Pays:

- Land Surveyor-In-Training**  
\$68,352 median annual pay for mid-level experience in Los Angeles County
- Land Surveyor**  
\$85,844 median annual pay for mid-level experience in Los Angeles County



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## International Trade Specialist

Love to travel?

If you have a passport and a knack for logistics, this profession may be for you! Help the world get ready for arriving markets, tracking worldwide trends and managing international relations with this global career.

What You'll Need:

- Bachelor's Degree
- Master's degree in IATA

What It Pays:

- \$50,362 median annual mid-level experience in the U.S.
- \$26-134 median hourly range nationwide, based on experience

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## Freight Forwarder

Get the goods

As a freight agent for cargo, freight forwarders are responsible for ensuring that all goods are being shipped to complete the world!

What You'll Need:

- High school diploma or equivalent
- Classical and commercial math skills
- State license

What It Pays:

- \$40,000 median annual for mid-level experience in Los Angeles County
- \$26,400-\$70,000 hourly range in California, based on experience



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## Freight Forwarder

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[View Career Path/Minority + Civil Engineer](#)

The best part about civil engineering for me is that it starts out with a two-dimensional drawing that actually gets constructed in three dimensions.

Zeph Vorley  
Civil Engineer



## Civil Engineer

### Builds Bridges



Want to solve problems and make the world a better place?

If you like math and science, civil engineering may be right up your alley. Design roads, bridges and buildings so people can travel, have places to work, and enjoy a better quality of life. Who knows? One day, you may catch your own kids bragging about what you created!

#### What It Pays

- \$95,285 median annual pay for mid-level experience in Los Angeles County
- Hourly range of \$38.22 to \$55.44 in California, based on experience level

#### Where to Find Local Programs

- California Baptist University
- California Institute of Technology

Part of the 2017 Academy • Civil Engineer

The best part about civil engineering for me is that it starts out with a two-dimensional drawing that actually gets constructed in three dimensions.

Zeph Vorley  
Civil Engineer



Want to solve problems and make the world a better place?

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#### What it Pays

- \$95,285 median annual pay for mid-level experience in Los Angeles County
- Hourly range of \$38.22 to \$55.44 in California, based on experience level

#### Where to Find Local Programs

- [California Baptist University](#)
- [California Institute of Technology](#)
- [California State Polytechnic University, Pomona](#)
- [California State University, Long Beach](#)
- [California State University, Los Angeles](#)
- [California State University, Northridge](#)
- [Loyola Marymount University](#)
- [San Diego State University](#)
- [University of California, Irvine](#)
- [University of California, Los Angeles](#)
- [University of California, San Diego](#)
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### Port of Long Beach Academy Careers - Zeph Varley, Civil Engineer



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Published on May 28, 2015  
Zeph Varley is a civil engineer for the Port of Long Beach, working on the Gerald Desmond Bridge Replacement Project.

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### Port of Long Beach Academy Careers - Zeph Varley, Civil Engineer



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Published on May 28, 2015  
Zeph Varley is a civil engineer for the Port of Long Beach, working on the Gerald Desmond Bridge Replacement Project.

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- \$50,000 budget

*My Port internship came with a sense of adventure—every day brought me new coworkers and new projects. I gained the support and guidance I needed to*  
*—Emily, Intern*  
*Environmental Planning intern and Port Scholarship recipient, now attending Tufts University in Boston*

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Welcome to your new online education portal that brings you out of the classroom and into the Port of Long Beach. Explore careers in the maritime industry, be the first to find out about new

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# CAREER FAIRS, WORKSHOPS



A large group of students, approximately 50-60 in total, are posed in a group photo on a paved walkway in front of a school building. The students are dressed in a mix of business-casual and semi-formal attire, including blazers, shirts, and dresses. Many of the students have their hands raised in the air, some with fingers spread, suggesting a celebratory or enthusiastic mood. The building behind them has a modern architectural style with large windows and a brick-like pattern. The word "SCHOOL" is partially visible in large, dark letters on the upper right side of the building's facade. The overall image has a blue-tinted, monochromatic aesthetic. The text "ACADEMY OF GLOBAL LOGISTICS" is overlaid in the center of the image in a bold, white, sans-serif font.

# ACADEMY OF GLOBAL LOGISTICS



**Communications and  
Community Relations Division**



Port of **LONG BEACH**  
*The Green Port*

**Kerry Gerot**

**Director of Communications and  
Community Relations**

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