# National Summer Transportation Institute
## High School Program 2019
California State University, Los Angeles

### How do you know if the National Summer Transportation Institute may be for you?
- Are you interested in learning about science, engineering, and transportation?
- Do you want to learn by doing and be in an interactive, hands-on environment?
- Do you want to do an internship and field trips to explore careers and education opportunities related to transportation?
- Are you willing to attend National Flight Academy in Florida for 1-week?

The College of Engineering, Computer Science, and Technology (ECST) at Cal State LA offers a 2-week National Summer Transportation Institute (NSTI) program at NO COST!

### Week One
**The Aviation Career Education (ACE) Academy Program**
- Fun, interactive aviation at Flabob Airport in Riverside
- Get exposed to aerospace/aviation world
- Air traffic control
- Field trips to aviation sites
- Fly an airplane!

### Week Two
**Transportation Projects & Enhancement Program**
- Get exposed to new ideas and concepts
- Explore:
  - Career in Transportation
  - Computer Training Including Computer Aided Design (CAD)
  - Develop presentation and study skills
- Work on:
  - Bridges
  - PowerPoint Presentation

Field trip to transportation agency/UnionStation, Metro Station

### Important Dates
High School Students (9th-12th)
June 17th – June 28th 2019
9:00 am – 4:00 pm Monday – Friday
Airport Days week 1 - 7:30 – 5:30 pm
Flight Date: 7:30 am TBA
Graduation Date: Monday, July 1, 2019 7:00 pm

**Mandatory Orientation with Parents**
Date: Monday, June 17th, 2019
9:00 am – 12:00 Noon TBA

### Extra Curriculum
- The National Summer Transportation Institute is pleased to offer Students an experience of a lifetime this summer at the National Flight Academy in Pensacola, Florida! 12 students will be selected to attend 1-week program (July 20-27) at the National Flight Academy.
- Students may participate in a 4-week internship on July and 1 day a month throughout the academic year learning STEM and going on field trips

Contact person for more information:
**DONNA MELENDEZ**, Program Coordinator
Email: dmelend@calstatela.edu
Dept. Office: 323-343-4450
Fax: 323-343-6316

---

**DR. HASSAN HASHEM**
Professor of Civil Engineering, Cal State LA
Director, Cal State LA National Summer Transportation Institute Program
Phone: 323-343-4499 | Email: hhashem@calstatela.edu