



**SUMMER  
SPRINGBOARD**  
Look Inward. Go Upward.

# Fundamentals of Engineering Infosheet

New student admissions for  
Summer 2024 are open.



## Program Highlights

- Develop 3D solutions to design challenges to learn the fundamentals behind mechanical, civil, and biomedical engineering.
- Manufacture an artificial limb to replicate natural function and movement in real world situations.
- Design and build a scale model structure compliant with code, zoning, and budget requirements.
- Learn from professionals in the field about the latest advancements in engineering and technology.



## Academic Program Overview

Engineering is one of the top desired careers in many companies. These businesses are always in need of creative minds that can problem solve on their feet and help the company save money, solve issues, and expand their reach. If you are considering a career in Engineering, this course will help you explore what it takes to be an engineer. We will explore facets of mechanical, structural, civil, and electrical engineering in a hands-on, minds-on approach.



## Excursions

In the past students in this program have visited Circuit Launch, an innovative shared electronic and prototype lab, woodshop and additive manufacturing facility, the Chabot Space Center/NASA Ames Visitor Center, and Intel headquarters.



## 2024 Dates

### Berkeley (\$5,898)

- Session 1: June 16 - June 28
- Session 3: June 30 - July 12
- Session 5: July 14 - July 26

### UC SAN DIEGO (\$5,498)

- Session 1: June 30 - July 12
- Session 2: July 14 - July 26
- Session 3: July 28 - August 09

## Instructors

### **Berkeley - Dr. Farhad Rostamian Fundamentals of Engineering, UCLA**

Dr. Farhad Rostamian is currently a professor at UCLA teaching courses at both Anderson School of Management and Samueli School of Engineering. [Learn more](#)

### **UC San Diego - TBA**

## Tuition Information:

### Residential Students:

- Includes: all meals, lodging, excursions, academic course, weekend excursions
- Excludes: optional airport pickup and drop off service (available for an additional fee)
- Price: See prices under 2024 dates

### Commuter Students:

- Includes: lunch, academic course, excursions, programming from 9am to 6pm, Monday-Friday
- Excludes: lodging, breakfast, dinner, weekend excursions
  - Weekend excursions can be added on for \$125 per day
- Price: \$3,198

## Supplements:

- Application fee: \$99 (mandatory, non-refundable)
- Fundamentals of Engineering Course Supplement: \$250 (mandatory)
- Tuition Protection Plan: Allows for cancellation for any reason up until the day of the program. Click [here](#) for more info.



## Course Structure

There are nine 3-hour class sessions over the two-week course. During week one, students have class from 9am-12pm, Monday - Friday. During week two students have class from 9am-12pm Monday through Thursday. Wednesday afternoons are dedicated to additional academic time (excursions, speakers).



## Typical Schedule



More info on [Airport Transfer](#)

More info on [Unaccompanied Minor Service](#)

[Apply Now!](#)

Summer Springboard programs are not run by our campus partners (with the exception of Cal Poly which is run in partnership with SSB). Universities and their affiliated departments and partners do not control and are not responsible or liable in any manner for any part of the Summer Springboard program.

2024\_V10

