

SUMMER SPRINGBOARD
Look Inward. Go Upward.

Foundational Robotics Infosheet

New student admissions for Summer 2027 are open

2-Week Course

This is a two-week program where you'll focus on one course for the entire duration.

Program Highlights

- Design, construct, and program your very own robot, watching your creation come to life before your eyes.
- Tackle challenges that roboticists face every day such as navigation and obstacle avoidance to object manipulation while further developing your critical thinking and problem solving skills.
- Gain proficiency in programming, 3D design, and teamwork skills.
- Learn about the ethical implications of robotics in preparation for becoming a responsible tech leader of tomorrow.

2027 Dates

UC San Diego ($$5,998)
- June 27 - July 9

Georgia Tech ($5,798)
- June 13 - June 25

Academic Program Overview

This course offers students the opportunity to dive into the exciting world of intelligent machines. Students will build their own robots from scratch, gaining hands-on experience with microcontrollers, sensors, and artificial intelligence. This program will challenge students to solve real-world problems with the use of robotics, foster critical thinking and innovation. Students will progress from basic electronics to advanced concepts like machine learning while developing a strong foundation in robotics. Beyond the technical skills, students will be equipped with future-ready understanding of programming, 3D design, and teamwork, while also exploring the ethical implications of robotics.

Academics in Action

Students will have the opportunity to visit and interact with professionals in the robotics industry in the San Diego and Atlanta areas. Throughout the program, students will explore diverse career pathways in robotics and artificial intelligence. They'll develop essential soft skills -- including teamwork, critical thinking, and problem-solving -- through hands-on, project-based learning. Additionally, students will gain insights into the ethical implications and emerging trends in the rapidly evolving field of robotics.

Instructors

To Be Announced

Courses are taught by accomplished and passionate faculty recruited from many area colleges, universities and professional forums. Each faculty member is selected for their subject area expertise and proven ability to both challenge and captivate students.

Tuition Information:

Apply by November 30 to lock in the lowest prices of the year. Tuition increases on December 1.

Residential Students:

- **Includes:** all meals, lodging, excursions, academic course and weekend excursions
- **Excludes**: optional airport pickup and drop off service (available for an additional fee)
- **Price**:
  - Georgia Tech $5,798
  - UCSD: $5,998

Commuter Students:

- **Includes:** lunch, academic course, excursions and programming from 9am to 5pm, Monday-Friday
- **Excludes:** lodging, breakfast, dinner and weekend excursions
  - Weekend excursions can be added on for $125 per day
- **Price**:
  - Georgia Tech $2,998
  - UCSD: $3,298

Supplements:

- **Application Fee**: Starting at $99 (mandatory, non-refundable)
- **Course Supplement:** $250 tuition (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. Afternoons in both weeks are dedicated to students' preferred College Readiness Workshops (CRW), True You, and Academics in Action, with Academics in Action including academic excursions, guest speakers, and course-related activities, such as an instructor-led project or student-led, independent study.

Typical Schedule

8AM	Breakfast
9AM	Academic Course / Commuter Student Arrival
12PM	Lunch
1:30PM	Academics in Action or Recreational Activity
3:30PM	CRWs, True You, or Academics in Action
5-5:15PM	Commuter Student Departure
6PM	Dinner
7PM	Clubs
10:30PM	Night Checks

Schedule above is a sampler; real schedules may vary based on program and academic track.

More info on CRWs

More info on Airport Transfer

More info on Unaccompanied Minor Service

Apply Now!

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