

Artificial Intelligence



Program Highlights

- Dive deep into the complex algorithms of how AI and machine learning really work.
- Use basic Python coding to unlock machine learning, and discover ultimately how it impacts our world.
- Use tools like TensorFlow to apply probability and statistics to data sets.
- Explore creative ways that AI is applied to data, tools and services, and actually use AI to enhance the final project.

Campus Locations

Boston

- July 5–July 17, 2020
- July 19–July 31, 2020

Cal Poly

- June 28–July 10, 2020
- July 12–July 24, 2020

Academic Course Overview

Artificial Intelligence (AI) and Machine Learning (ML) are hot topics in the world of cybersecurity today. A report from World Economic Forum (WEF) states that the growth of artificial intelligence could create 58 million net new jobs in the next few years! Imagine that your program can tell the difference between invasive weeds and vegetables so that a robot can go through a field and only applies herbicide to weeds. With the help of this artificial intelligence course for teens, tasks like this will become a reality this summer. This course covers basic artificial intelligence and machine learning basics and their applications using computer programming, data sets, statistics and more. Students are exposed to state-of-art AI concepts and tools by the learn-by-doing approach.

Career Exploration

Meet with experts in the artificial intelligence industry to learn more about majors and careers. Learn firsthand what it's like to work in a world where machines can become reality. Excursions may include visits to companies utilizing AI for real world applications or research facilities pioneering undiscovered innovations.

Instructors

Courses at Cal Poly are taught by accomplished and passionate faculty directly from the university. Each faculty member is selected for their subject area expertise and proven ability to both challenge and captivate students.

Tuition

- **Residential Students:** \$4,998
 - Includes: all meals, lodging, excursions, academic program, weekend excursions
 - Excludes: optional airport pickup and drop off service (available for an additional fee)

- **Commuter Students:** \$2,798
 - Includes: academic program, excursions, programming from 9am to 5pm, Monday-Friday
 - Excludes: lodging, breakfast, dinner, weekend excursions

- **Extended Commuter Students:** \$3,398
 - Includes: lunch, dinner, excursions, academic program, programming from 9am to 8pm, weekend excursions
 - Excludes: lodging, breakfast