



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

# Game Development Infosheet

New student admissions for  
Summer 2023 are open.



## Program Highlights

- Learn how to build game levels and environments.
- Develop and explore game design skills while using your creativity.
- Students will code, design, and work collaboratively in a series of fun activities related to game development.
- Improve logical thinking skills by viewing and solving problems from a completely different point of view
- Understand computer and programming basics as well as the binary number system
- Gain exposure to the Java, Javascript, and Python programming language and explain the differences between syntax errors, runtime errors, and logic errors
- Discover an essential skill for the future which has become a basic requirement for acquiring many jobs
- Engage with leading experts and in teams practice creating a video game



## Academic Program Overview

Technology is highly integrated in our daily lives that learning to code can benefit for college, a future career, and beyond. It's a great time to begin learning and building coding skills. Whether students are interested in 3D modeling, gameplay programming or level design, they can expand their project's portfolio, gain exposure to critical game industry insights, and connect with talented peers and mentors. In this course, students will explore professional video game design while using popular industry tools. They will begin by learning about how to create 3D objects and then using their new skills to design a fully realized world of their own. Students will get a chance to customize their newly built worlds and will leave the course with a comprehensive view of how to professionally design a game and have skills to showcase in their own portfolio. No prior coding knowledge is needed.



## Excursions

Students will have opportunities to explore the Cal ESports Community Center and meet collegiate athletes and/or professionals in the game development field. The Research Triangle is home to some of the biggest companies in video games including Epic and Red Storm. Students will have the opportunity to visit a game development studio as well as hear from guest speakers from the industry.



## 2023 Dates

UC Berkeley (\$5,698)

Session 1: June 18 - June 30

Session 2: July 02 - July 14

Session 3: July 16 - July 28

Duke University (\$5,398)

Session 1: July 02 - July 14

Session 2: July 16 - July 28

## Instructors

### **UC Berkeley - TBD**

### **Duke University - Dr. Gizem Kayar**

Dr. Gizem Kayar completed her MSc and Ph.D. in Computer Science at Albert Ludwig University of Freiburg in Germany and later worked as a Postdoc at MIT Geonumerics Group. Currently, she is a clinical assistant professor at NYU in the Computer Science Department. For more info, click [here](#).

## 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 2023 dates\*

### Commuter Students:

- Includes: lunch, academic course, excursions, programming from 9am to 5pm, Monday-Friday
- Excludes: lodging, breakfast, dinner, weekend excursions
- Price: \$3,098

### Extended Commuter Students:

- Includes: lunch, dinner, excursions, academic course, programming from 9am to 8pm, weekend excursions
- Excludes: lodging, breakfast
- Price: \$3,698

## Supplements:

- Application fee: \$99 (mandatory, non-refundable)

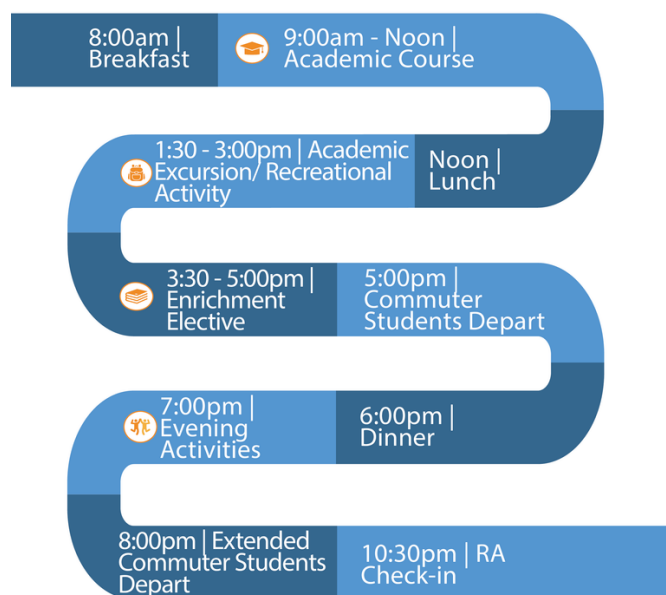


## Course Structure

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](#)

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