



2021

UCSD COSMOS

**PROGRAM
HANDBOOK**

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Section 1 - Preparing to Attend COSMOS

In preparation for your experience, it is important that the student and parent(s)/guardian(s) read and agree to follow the Handbook and Student Code of Conduct. The COSMOS Summer Program is a four-week, full immersion program providing students with an opportunity to participate and grow in a research environment while residing in a living-learning community. This intense academic experience allows students a chance to enhance their math, science, and engineering skills.

Introduction

Our Mission: The mission of the California State Summer School for Mathematics and Science (COSMOS) is to motivate the most creative minds of the new generation of prospective scientists, engineers, and mathematicians who will become leaders for California, the nation, and the world. The program aims to create a community of students who participate in and contribute to an intensive academic experience delivered by distinguished educators and scholars.

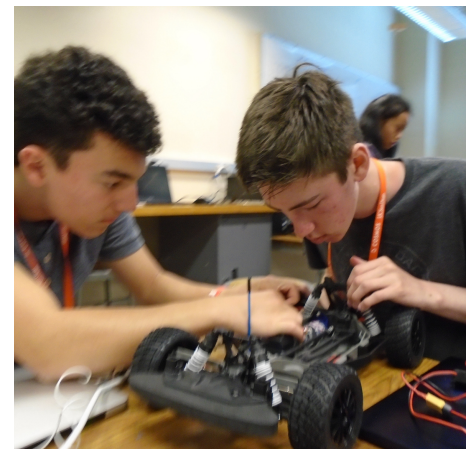
COSMOS Objectives: The program's objectives are to: engage talented students in a high level teaching and learning environment; establish a community of scholars that fosters analytical thinking and experimentation; connect students to institutions of higher learning and research facilities; develop models for excellence in science and mathematics education; enhance the state's economic climate by developing future scientists, engineers, and mathematicians; and strive to make the COSMOS student body reflective of California's diverse heritage.

History: The State of California Education Code (Code 8660-8669) requested the Regents of the University of California to provide an opportunity for students who wish to learn advanced mathematics and science and to prepare for careers in these areas. COSMOS is modeled after the California State Summer School for the Arts.

Contact Info

Phone : 858-822-4361

Email: cosmos@ucsd.edu



Attendance Policy

COSMOS students are required to attend all scheduled online learning activities, including faculty and teacher fellow lectures, small group work, social networking opportunities between 9am-4pm, and any additional presentations by outside lecturers. Failure to attend any COSMOS event between the 9am-4pm timeframe during the program may result in consequences up to and including removal from the program. Evening social activities may be optional - guidance will be provided from Cluster faculty and staff in regards to these optional programs.

Technology Requirement

Cluster specific technology requirements can be found under each [cluster description](#).

Wifi/Technical Issues: What to do

Students who lose access to wifi for an extended period of time can contact COSMOS by email at cosmos@ucsd.edu. They can also contact their Cluster faculty or staff to arrange for alternative options in regards to course material.

Recording (Audio or Visual):

It is prohibited to record or distribute any COSMOS learning activity without the express written permission of the course instructor. All intellectual property rights are retained by the instructor. If an instructor decides to record and post their lecture, it is for use by the intended parties only (students and all instructors) and can not be distributed by any means.

Intellectual property:

All course material and creative content is the property of the course instructor. Course materials are for course purposes only and can not be copied or distributed without written permission from the instructor. Students should familiarize themselves with the UCSD policies and guidelines for online courses and programs.

Section 2 - Academic Schedule

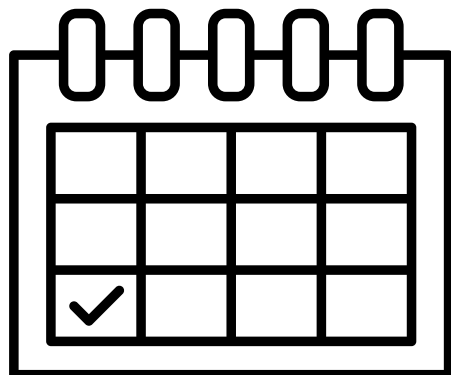


COSMOS is an opportunity for students to expand and cultivate their skills as motivated and independent individuals in preparation for their upcoming college experience. It is important that students be prepared for class, which includes getting enough rest, exercising and eating well. COSMOS staff are available to assist students in being successful in and out of the classroom. Students are expected to attend, be on time, and remain in class throughout the entire scheduled time. Classroom disruptions should be avoided. Students should take advantage of instructional time and show courtesy to staff, faculty and fellow students. Preparation for class/labs includes having access to study materials, supplies and cluster homework assignments.

Daily Schedule

***Sample Schedule for Online Format**

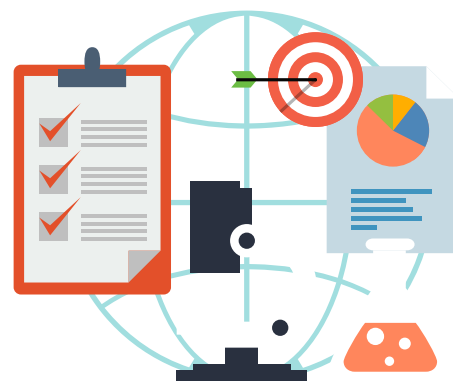
Some evening activities may be required, as well as time in the evenings to work on Cluster projects.



Time Frame	Activity	Duration
9:00 - 9:30	Lecture (content or Science Comms)	30 mins
9:30 - 10:15	Activity based on Lecture	45 mins
10:15 - 10:30	Break	15 mins
10:30 - 11:30	Guest Speaker/Lecture/Other events	60 mins (1 hr)
11:30 - Noon	Activity/Discussion	30 mins
Noon - 1pm	Lunch	60 mins (1hr)
1:00 - 1:30	Social Event (game, small group discussion)	30 mins
1:30 - 2:00	Project/Lab Overview	30 mins
2:00 - 4:00	Project/Lab with Office Hours	120 mins (2hrs)

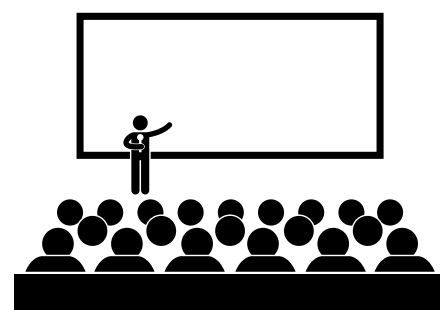
Science Communication Course

All COSMOS students are required to attend a writing and critical thinking class twice a week. The course is designed to provide students with the tools necessary to write clearly and academically about their research topics, which will be essential in completing their final project. The Science Communication Course also emphasizes the skills students need to compete academically as future students in higher education, and will enhance written presentation skills for entry in local and statewide science fairs.



Discovery Lecture Series

The Discovery Lecture Series introduces scientific and engineering research to our students. Guest lecturers have included UCSD Chancellors, Deans, faculty and staff who have agreed to share their knowledge, research and expertise with the COSMOS community. Each lecture will provide students with the opportunity to ask the presenter questions at the conclusion of the presentation.



Final Project

All COSMOS students will complete a final project, which will include an oral and visual (Powerpoint) presentation based on research performed with their cluster project team of 2-4 students. Final projects will be presented by project teams in cluster break-out sessions on Closing Day. **Presentation is mandatory for student to received a COSMOS Certificate of Completion at the end of the program.** Cluster instructors and Teacher Fellows will be providing further information about the details of this project during the first week.

Closing Day

COSMOS Closing Day Events will be held Saturday, July 31st. The specifics to the event will be emailed to students and parents a couple weeks prior. **This event is mandatory for all participants.** After completing the program, students are encouraged to stay in touch with faculty and staff, join our LinkedIn COSMOS Alumni page and check out our website for alumni information.

Section 3: Student Code of conduct

COSMOS residents are required to abide by all University policies and rules. Each student understands that the COSMOS Administration and the University may take appropriate action for conduct which is found to be in violation of any rules, or which is detrimental to the welfare of other students, employees, or the physical properties of the University, or which violates any federal or state law. In the event of a conflict between a University policy and this Student Code of Conduct, this document will override such policy. If behavior not becoming of a UCSD COSMOS participant persists, then the COSMOS participant will be subject to dismissal regardless if the individual's behavior explicitly warrants a judicial review.

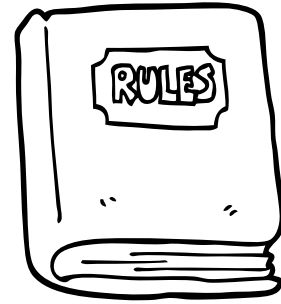
Cyberbullying

All forms of bullying are harmful and unacceptable, including cyberbullying. Cyberbullying can take place on Zoom calls and chats, on COSMOS forums and online classrooms, and on various platforms used by faculty and staff to relay information.

Cyber-bullying may include but is not limited to:

- Spreading information or pictures to embarrass
- Heated unequal argument online that includes making rude, insulting or vulgar remarks
- Isolating an individual from his or her peer group
- Using someone else's screen name and pretending to be that person
- Forwarding information or pictures meant to be private

COSMOS will not tolerate any instance of cyberbullying towards any COSMOS affiliate, be it student, faculty, or staff. Any instance of cyberbullying will be grounds for immediate dismissal from the program. Any inappropriate behavior can be documented and sent to cosmos@ucsd.edu for immediate action.



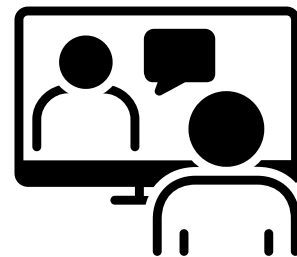
General Policies

COSMOS students are expected to abide by all UCSD campus policies and to represent COSMOS in a positive manner at all times. COSMOS Policies include but are not limited to:

It is the responsibility of each COSMOS student to:

- Treat all other students, instructors, and guests with dignity and respect in all interactions within electronic communications and otherwise.
- Comply with information technology policies of the faculty instructor and the institution.
- Comply with cheating and plagiarism policies of the institution and this course. Violations of this policy may result in removal from the program.
- Participate respectfully in team collaborations and team projects.
- Be self motivated and self-directed, and approach the program with a desire to learn.
- Assume a leadership role when necessary, voluntarily help other students when you have knowledge they do not have.
- Students who become aware of non-compliance with these expectations should contact their course instructor, or email cosmos@ucsd.edu with relevant details and information.

Platform Policies



COSMOS Policies regarding Zoom:

- Students must have their cameras on for all COSMOS sessions.
- Students should be logged in on time and ready to participate. A video/audio test is recommended a few minutes before class is scheduled to begin.
- The chat feature may be disabled on most Zoom meetings. Cluster faculty and staff will determine when to enable the chat feature.
- Siblings/other children: Must be out of the room and off camera at all times.
- COSMOS highly recommends a parent or adult over the age of 18 be present in the house during all scheduled lab sessions

COSMOS Policies regarding Slack/Discord or other sanctioned channels:

- COSMOS students should maintain respectful communication on all COSMOS platforms
- Students should keep all communications limited to COSMOS supported platforms