

ORANGE HIGH SCHOOL

VIDEO GAME DESIGN

Video Game Design Pathway:

The Video Game Design pathway is a field built for the 21st century job field that brings together all manner of subjects. Students utilize English, Math, Science, and Art to develop and create a product that they can be proud of and share with friends, family, and people all over the world.

The Video Game industry is the fastest growing media industry in the world and is currently valued at 60.4 Billion Dollars in the United States alone. It is especially prevalent in Southern California with many major companies like Riot Games, Blizzard, and EA calling it home. In addition so supplying thousands of jobs in Southern California, the Video Game Industry is also a lucrative opportunity with entry level video game designers making an average of \$69,000.

“THIS CLASS IS AMAZING! YOU CAN LEARN A LOT OF NEW THINGS LIKE CODING AND MAKING COOL VIDEO GAMES. YOU WILL HAVE LOTS OF FUN TALKING ABOUT EVERYTHING FROM ANIME, TO VIDEO GAMES, TO PC BUILDING. MR. SAY IS THE BEST TEACHER BY FAR THAT I’VE HAD.”

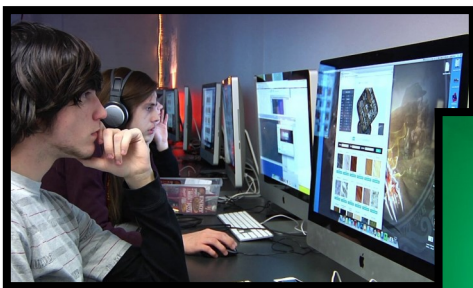
- R. Lopez

Class of 2024

To sign up for a Video Game course, contact your OHS counselor!

Pathway Teacher:

Mr. Say graduated with a B.A in History from CSU Long Beach. He has ten years of industry experience as a graphic and web designer for multiple companies and institutions. Growing up in Orange, Mr. Say has a close attachment to the school and its community and is excited to support and educate his students to give back to the community he grew up in.



For more information contact Video Game Design Pathway teacher Mr. Say, ryan.say@orangeusd.org

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Sample Four-Year Plan:

This represents a sample four-year plan sequencing the classes offered in our Video Game Design Pathway. Students must complete a level (02) and (03) course to be a pathway completer and earn a tassel to wear at graduation. Students should work closely with their counselor to incorporate appropriate honors, and AP courses as well as other graduation and A-G required courses.

Course Type	9th Grade	10th Grade	11th Grade	12th Grade
Video Game Design	Video Game Design I (02)	NA	Video Game Design II (03)	Professional Internship (03)
A-G Approval	G College Prep Elective		G College Prep Elective	

Course Descriptions:

Video Game Design I (02): Video Game Design is a course in which you will develop foundational knowledge of game design, animation, graphics, and computer software and hardware. We will apply skills from all subjects such as Mathematics, Physics, English, and Entrepreneurship. Students will hone skills including critical thinking, communication, collaboration, and technical expertise, which will prepare them for jobs in the 21st century workplace. This course is articulated to Coastline Community College.

Video Game Design II (02): Video Game Design II is a course in which you will expand upon the foundational knowledge of Video Game Design I. We will utilize more advanced programs and create video game levels and environments using Unity, Unreal Engine, and Cryengine. Students will hone these skills while also improving their ability to critically think, communicate, and collaborate which will prepare them for jobs in the Video Game Design Field. This course is articulated to Coastline Community College.

Professional Internship (03): Professional Internship is a semester long course that allows students to apply academic and career readiness skills in a workplace environment. Instruction will combine standards-based classroom instruction with extended on-site industry experience. Students will learn all aspects of professionalism and apply 21st century skills of communication, collaboration, critical thinking, creativity, problem solving, resume building and interview skills all in a real-world setting. This is a capstone course for all Career Technical Education Pathways.

* What is Articulated College Credit?

Students have the opportunity to earn college credit for courses completed in High School by satisfying requirements set in the agreements between OHS and Coastline Community College. For further information, please speak with the teacher of the articulated course.