

PROGRAM PATHWAY

Introduction to Game Design and

Digital Media Arts

9th or 10th Grade

- Software Covered: Unity Game Engine, Adobe Photoshop, Adobe Illustrator, Toon Boom Harmony, Adobe Premiere
- Major Topics: Graphic Design, Game Design, Level Design, Character Design, Illustration, 2D Animation Production, Video Editing

Intermediate Game Design

10th or 11th Grade

- Software Covered: Unity 3D Engine, Autodesk Maya, Unreal Game Engine
- Major Topics: 3D Modeling, 3D Printing, 3D Animations, 3D Game Engine, Particle Effects, Lighting, Rendering, Post Processing, Game Deployment

Advance Game Design

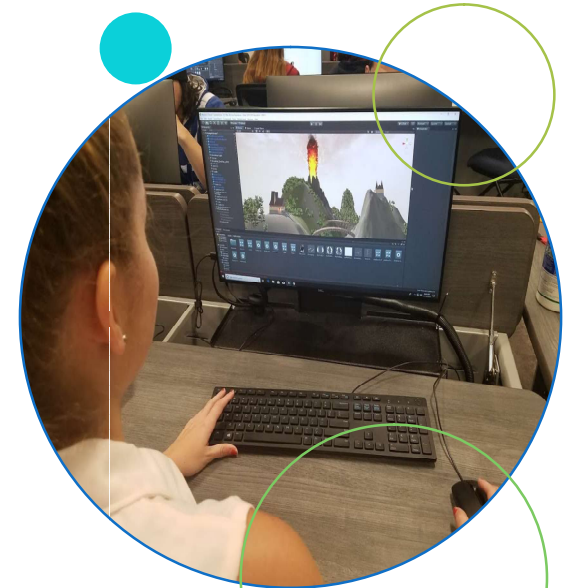
11th or 12th Grade

- Software Covered: Adobe After Effects, Blender, Autodesk Maya, Unreal Game Engine, SideFX Houdini
- Major Topics: Compositing 2D and 3D, Sculpting Humanoids, 3D Rigging, 3D Humanoid Animations, VFX, Cinematography

“GIVING STUDENTS THE
TECHNICAL SKILLS NEEDED
TO EXPRESS THEIR
CREATIVITY THROUGH ALL
MEDIUMS”

401 S PALM ST
LA HABRA, CA 90631
(562) 266-2000

MR. NGUYEN
SNGUYEN@FJUHSD.ORG



PROGRAM OBJECTIVE

Our program's objective is to prepare students for careers or higher institutions of learning in the graphic design, virtual production, animation, VFX, and video game development industry. As third years, students will get the opportunity to team up with other students and produce their own virtual production, computer-animated short, or video game that can be published on YouTube or online app stores.

SOFTWARE SYSTEMS

Students will gain valuable experience with the following software systems:

- SideFX Houdini
- Unreal Game Engine
- Unity Game Engine
- Autodesk Maya
- Blender
- Adobe After Effects
- Adobe Premier
- Toon Boom Harmony
- Adobe Illustrator
- Adobe Photoshop

COLLEGE READINESS

- Courses satisfy category F of the A-G requirements
- Project-based and hands-on learning

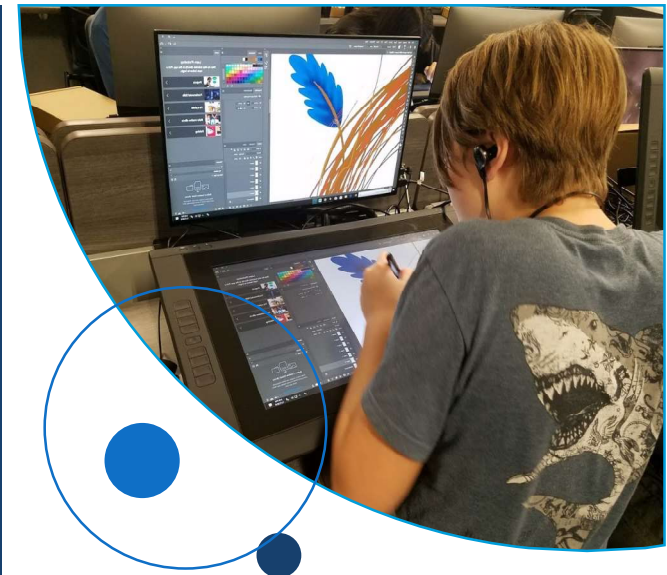
CAREER READINESS

Students can earn the following industry-recognized certifications:

- Adobe Photoshop Certified Professional
- Adobe Illustrator Certified Professional
- Adobe Premiere Certified Professional
- Adobe After Effects Certified Professional
- Autodesk Maya Certified User
- Unity Certified User

Students will learn:

- Resume building
- Interview training
- Job Opportunities and Industry Trends



COLLEGE PARTNERS

