This innovative opportunity is made possible by the collaborative partnership of the following organizations:

Agency for Workforce Innovation
District School Board of Pasco County
Pasco Economic Development Council
Pasco-Hernando Workforce Board
Pasco-Hernando Community College

To apply or to receive more information about this opportunity, please visit
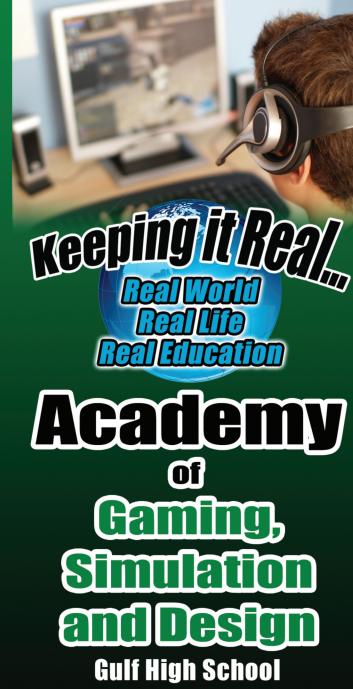**http://careers.pasco.k12.fl.us/academies/**

Gulf High School

"Anchored in Excellence, United in Pride"

5355 School Road
New Port Richey, FL 34652
(727) 774-3300

A career in game development is a respected, highly prized profession on the cutting edge of a rapidly evolving, multi-billion dollar industry.

Keeping it Real...
Real World
Real Life
Real Education

Academy
of
Gaming, Simulation and Design
Gulf High School

What is Gaming, Simulation and Design?

The Academy of Gaming, Simulation and Design and Simulation is a broad challenging program which will stretch your intellectual and creative talents. Working with the latest technologies you will encounter the fast paced world of Computer Games, 3D and Animation, designing and developing game concepts and assets. The academy provides a strong production focused environment bringing theory and practice together and where you will have the opportunity to take your ideas to develop working games and prototypes.

A video game designer must have a strong set of skills, including programming, video graphics and hardware essentials.

Why Gaming, Simulation and Design?

This academy will develop your abilities to design and plan creative game ideas and concepts, and produce artwork and graphical assets for computer games. The academy exposes students to the breadth of the field in the areas of digital media, human-computer interaction, the history and theory of gaming, game design, 2D and 3D graphics, simulation, modeling, and programming.

Gaming and Simulation Coursework

Game & Simulation Foundations

Game & Simulation Design

Communications Technology I-III

Game & Simulation 2D Graphic Development

Game & Simulation 3D Graphic Animation

Game & Simulation Programming

Multi-User Game & Simulation Programming

Gaming is not only the fastest growing segment of the technology industry but also the fastest growing segment of the entertainment industry.

Upon completion of this program a student will be able to:

- Demonstrate working knowledge of analyzing, designing, and developing computer based games in a team environment.

- Develop the art direction for a 3D game.

- Demonstrate an understanding of the techniques used to evaluate game mechanics, game play, flow, and game design.

- Understand the business model commonly used in the game development industry.

- Describe the complex interaction between video games and players and the role it plays in the popularity of a game.