Short Term Certificate Programs

Video Game Certificate

Program Overview: The purpose of this program to provide a solid foundation in the fundamental skills that are generally required to meet the needs of the video game design, animation and programming field. Instruction will cover game production, character development, digital storytelling and environmental design. Topics will include modeling, digital imaging, 2D development, 3D animation, material, texture and light design.

✓ ***Character Development:*** This course provides a foundation for the process of designing characters for video games. Participants will learn about digital imaging, character anatomy and 2D character development.

✓ ***Digital Storytelling:*** This course provides a foundation for the process of using digital tools to tell a story. Participants will learn about game physics, 3D animation, primary and secondary expression.

✓ ***Environmental Design:*** This course provides a foundation for designing environments for video games. Participants will learn about 3D modeling for games, interior spaces/exterior worlds, material, texture and light design.

✓ ***Game Production:*** This course provides a foundation for understanding the process of creating and implementing art for video games. Participants will learn about modeling and animation for games.