

3D Character Design and Animation



School: SoCal ROC

Course ID: 658

Availability: Call 310-224-4200

Weight: 0.00kg

Dimensions: 0.00cm x 0.00cm x 0.00cm

Short Description

Continues instruction in the art of 3D character design, modeling, and animation

Description

Accelerate Your Future at SoCal ROC!

This course continues instruction in the art of 3D character design, modeling, and animation. The primary software used are 3D Max, Sculptris, and video editing software. Students will complete a project creating an original character portrait using physical clay. Students will also learn about the types of characters used in the film, video, and gaming industries.

Learn Valuable Industry Skills!

1. Roles and Responsibilities

- A. 3D Software Interface
- B. Organic Modeling and Hard Surface Modeling.

2. Modeling Skills

- A. Basic character modeling techniques
- B. Assembling Primitives to create a simple character
- C. Modeling a robotic character

3. Complex Character Models

- A. Poly modeling an organic character
- B. Applying materials

4. Basic Animation Skills

- A. Applying Motion Capture

5. Lights

- A. Photometric Lights
- B. Standard Lights

6. Cameras

- A. Target Camera
- B. Physical Camera

7. Rendering Still Imagery

- A. Uses material from library
- B. Adjusts material using UVW modifier

8. Rendering Animation Sequences

- A. Renders still images to appropriate file types
- B. Renders animated sequences

9. Editing Sequences

- A. Presents finish renders appropriately

• Professional Certification Opportunities!

Designations offered to students completing the 3D Character Design and Animation course include:

1. Certificate of Competency

Checkout Potential Career Options!

3D Character Designer
3D Character Modeler
Freelance Digital Artist
3D Technical Illustrator
Digital Artist
Graphic Designer
3D Modeler
3D Animator
Web Designer
Architecture

Prerequisites

Thank you for your interest in enrolling in 3D Character Design and Animation. The following is information about the program.

High school prerequisites

- ? Open to Grade Levels 9-12th
- ? Must complete Introduction 3D Modeling and Animation

Adult prerequisites

- ? Must complete Introduction 3D Modeling and Animation

Schedule

Complete in 1 Semester: M/W from 4:15pm-7:00pm

To access the most recent course schedule please call registration or click the link under Course Information. Please be advised schedule is subject to change.

High School Info

Benefits of CTE

After completing courses in CTE, you will have a clearer vision of your future career path and what the next steps will be. Career Technical Education allows

high school students to see what options are out there and see first-hand what careers they enjoy and thrive in. Whether you decide to enter the workforce, pursue a trade or apprenticeship, or apply to college, CTE adds to the traditional high school experience and is designed to prepare you for the next stage in your life.

Earn High School Credit!

You can earn 5 elective credits and satisfy CSU/UC Admissions Requirements » F » for Visual and Performing Arts (upon completing Intro to 3D Modeling and Animation and this course)

Ready To Enroll?!

Call our [Career Guidance Specialist](#) or register through your home school counseling offices and receive priority through pre-registration for classes that meet from 1:15 - 4:15 and 4:15 - 7:00 p.m.

Course Location

In person

Address: 2300 Crenshaw Blvd., Torrance, CA 90501 U.S.

Phone: 310-224-4200