



# ANIMATION SPRING CAMP

For ages 11 to 17 years old



# Camp Information

## Fees

AED 1200

## Duration

1 Week

## Days

Monday to Friday

## Starting Date

July 6<sup>th</sup>  
August 3<sup>rd</sup>

## Qualification

Animation Certificate

## Timings

10AM - 2PM

## Method

On Campus

## Language

English

## Ages

11-17 year olds

## What you need to know about this course:

By the end of the camp, students will be well versed in the basics of 3D animations. They will be able to navigate and utilize basic features of the 3D software 3ds Max. With a basic understanding of how the software functions, students will be capable enough to develop simple 3D models and create keyframes for basic animations. They will get to learn more industry standards toward 3D animation from good topology to the principles of animation.

## Software used

Autodesk 3DS Max

### Day 1

Introduction to 3D Animation

Introduction to Animation and 3D Animation

Introduction to 3ds Max, how to navigate and use the software

Create blockouts of simple objects using primitive shapes

### Day 2

Poly modeling and Topology

Introduction to Poly modeling and Edit poly mode in 3ds Max

Use of important tools for basic poly modeling: Extrude, Chamfer, Inset, Connect

Understanding the importance of good topology for 3D models

Developing basic mood boards for design purposes

Create simple objects through poly modeling

### Day 3

Intro to Principles of Animation

Introduction to the 12 Principles of Animation

Learning how to use keyframes to animate effectively in 3Ds Max

Practice principles of animation through exercises using primitive shapes

### Day 4

Animating a human walk cycle

Feedback and review of previous sessions work

Understanding the important key poses of a human walk cycle

The importance of character rigs/skeletons and controllers

Learn how to apply the principles of animation in a walk cycle

### Day 5

Posing, Lighting, and Rendering

Feedback and review of previous sessions work

Be able to create effective poses for characters

Be able to create a simple three-point lighting setup

Understanding of materials, shaders, and rendering for 3D animation

Create render of a well lit, posed character