

3D Animating Advanced

Introduction

This course provides the full package to animate characters in 3D for Games and Animation films. The course includes animation principles applications, body mechanics and advanced body mechanics in addition to acting. As the course instructors work closely in the animation production industry, they provide students with animation tips and tricks as well as advising in their career path.

Course Outcomes

- Animate body mechanics scenes such as jumping stylized running,
- Create advanced body mechanics scenes where you convey emotions through movements
- Be able to animate acting scenes with lip syncs
- Learn how to make your animation fit for games like creating loops and idle movements
- Animate creatures like animals with four legs

Things to know before entering this course

3D Animating introduction course or knowledge of the animation basics

Course Duration: 25 classes, 3 hours per class

Course contents

Class 1

- Course overview (What we will do?)
- Animation planning and blocking

Class 2

- Advanced animation principles application (flying fox)

Class 3

- Realistic walkcycle

Class 4

- Stylized Walk cycle

Class 5

- Run Cycle

Class 6

- Body mechanics and studying simple motion

Class 7

- Walk to stop

Class 8

- Jumping exercise

Class 9

- Quadrapeds part 1

Class 10

- Quadrapeds part 2

Class 11

- Fight Action 1

Class 12

- Fight Action 2

Class 13

- Body acting intro
- Shooting video reference

Class 14

- Reviewing ideas, reference
- Golden poses

Class 15 -16

- Blocking and splinning the shot

Class 17

- Final critique

Class 18

- Intro to body language for acting

Class 19

- Facial expressions

Class 20

- Lip sync animation

Class 21

- Video reference for acting
- Golden poses

Class 22-23

- Blocking and splinging the shot

Class 24-25-26

- Advanced Acting

Grading Policy

Student needs at least 80% grade to pass the course

Attendance: 10%

Class exercises: 15%

Assignments: 25%

Final Project: 50 %

Attendance Policy

- Every class absence is 5% reduction in the final Grade.
- Student missing more than 2 classes will be failing the course