

iClone3

3D Movie Machine

Teaching Plan (Basic)
Chapter 3



REALLUSION®

<http://www.reallusion.com>

Introduction

Reallusion iClone3 provides the most accessible way for students of all skill levels to begin learning and creating 3D animation using simplified tools that enable educators to easily teach the concepts and creative techniques of character design, motion, scene production, and 3D filmmaking.

To facilitate teaching, the iClone3 Teaching Plan (Basic Version) presents the general guidelines for lessons and integrates iClone3 with image and video editing tools, allowing teachers to lecture iClone3 as one full course or part of the curriculum.

The iClone3 Teaching Plan (Basic Version) includes 3 Chapters and 15 Sections, covering topics from 3D actor creation, superimposing, and 3D movie production.

Chapter III

Create a 3D Animation

In Chapter III, students will learn how to produce a 3D animation inside iClone3 Standard/PRO. The chapter includes the following 5 sections:

- 1. Creating a script**
- 2. Setting environment (terrain, sky, water, plants, fog)**
- 3. Setting visual effects**
- 4. Lighting and camera**
- 5. Video editing and transition**

In this chapter, students will also apply the video editor (e.g. Corel VideoStudio) with iClone for advanced video editing.

Before class, we suggest you visit [iClone Training Resource](#) where you can find video tutorials and other training materials to get familiar with the basics of iClone3. If you have any questions about the iClone3 Teaching Plan, please contact education@reallusion.com

Section I: Creating a Script

In this section, students will learn the basics on how to transform text into a storyboard (sketch). The storyboard is very useful when you produce a movie because you can set the scene, lighting, and camera in accordance with the cuts of the storyboard.

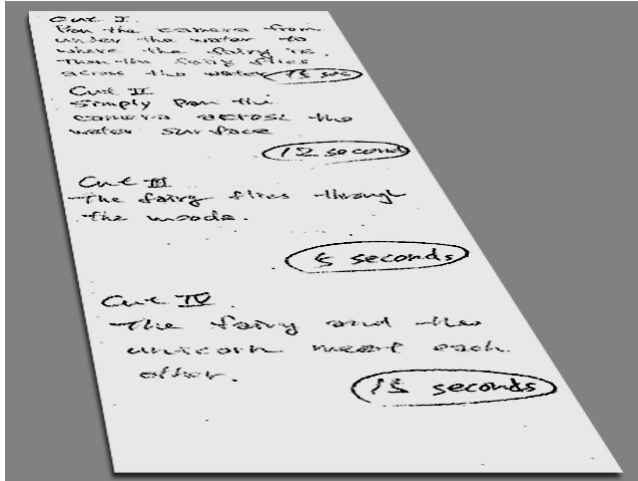
Before Class

- Students must have some basic knowledge of scripting and storyboard for moviemaking.
- Ask students to construct one short story and put it down in the text form.
- Prepare the tools for drawing or sketching the script.
- The software program required in this section:
 - a. (Optional) image editor.
- The hardware required in this section:
 - a. (Optional) a pen tablet.
 - b. (Optional) a scanner.

PROCEDURE (6 Steps)

STEP 1. Decide how many events (cuts) for your text story.

STEP 2. Set the timing for every cut.

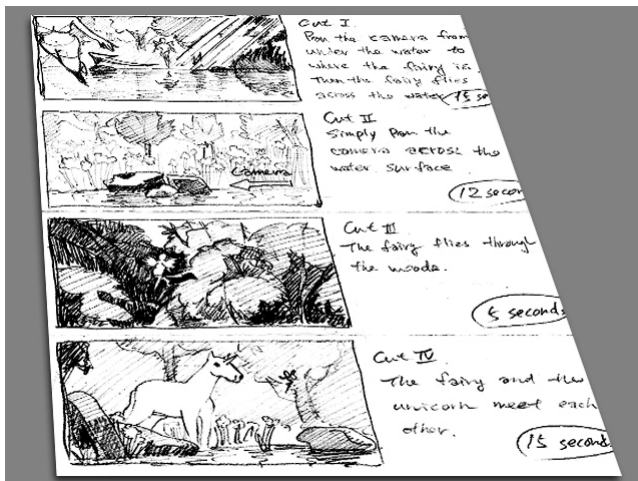


STEP 3. Script the lines for the actors in the 1st cut and specify the length of time for each line.

STEP 4. Calculate the total length of time of one cut in second and then multiply the total seconds with 60 to come out the total frames of the 1st cut.

STEP 5. Draw the 1st cut down on paper or as a digital image.

STEP 6. Repeat Step 3 to 5 until all cuts are sketched with timing.



Hints & Tips

- For better viewing result, iClone plays back in the speed of 60 frames per second, which is half to the maximum frame rate of the commonly used video format.
- You may build all events (cuts) into one project, or keep them separated as individual projects.

ASSIGNMENT: Creating a Script

Ask students to create their own storyboard from text to sketch on paper or digitally.

Example:

