

High Studies Call for Applications – EICTV HOW TO FILM VISUAL EFFECTS

Date: from June 24 to July 26

Duration: 5 weeks

Place: International Film and Television School of San Antonio de los Baños, Cuba

Registration fees: 3000.00 €

Number of places: 14

Minimum number of participants: 7

If the minimum is not achieved, the school retains the right to suspend the course one month before the date of commencement.

Aimed at: Cinematographers, Art Directors, Production Designers, Post-production and Visual Effects Supervisors

Plan/Objective.

The objective of this workshop is to introduce cinematography students to photographic visual effects techniques in a practical 5-week curriculum.

Following the introduction to visual effects and its history will be the planning, production and post-production of a short film to be made on the EICTV campus, incorporating "hands-on" cinematographic techniques, and then completion of this film in digital post-production.

Professors:

Leslie Bernstein/ EEUU

Jorge Mochón/ España

Assistant: Javier Labrador Deulofeu/ Cuba

1st week

From June 24 to 28

Introduction, theoretical classes, analyses of photographic effects.

a. Earliest photography and photographic effects.

I. Rejlander, Muybridge.

II. Introduce early photographic and cinema special effects.

III. Glass shots, in-camera effects.

IV. Edison, Melies, Norman Dawn.

V. Early in-camera compositing.

b. Hanging miniatures, optical and photographic illusions.

I. (Technical discussions) Lens optics and formulas: field-of-view, circle of confusion, depth-of-field.

II. "Nodal" point.

III. "False" perspective, optical illusions and "Forced" perspective.

1. The "Ames" room.

2. Application of production/set design.

c. Compositing "grows up."

I. Optical printers.

- II. Dunning/Pomeroy process, Linn Dunn, John Fulton.
- III. Importance of maintaining perspective, taking measurements.
- IV. Ways this will be applied to the short film.
- d. Green screen lighting and shooting.
 - I. Brief history of traveling mattes, blue screen.
 - II. Chroma and Luminance discussion.
 - III. Separation in lighting: studio and exterior.
- e. Set measurements, data acquisition.
 - I. Tools and techniques for set measurements.
 - II. Working with the Art Director, Production Designer and Cinematographer.
 - III. Scaling.

Screenings.

Throughout the week, we will screen films and clips such as METROPOLIS, INVISIBLE MAN, BRIDE OF FRANKENSTEIN, DARBY O'GILL AND THE LITTLE PEOPLE and others.

2nd week

From July 1 to 5

Preparing the film.

- a. Script.
 - I. Breaking down the shots.
 - II. Storyboarding the shots.
 - 1. Separating the VFX from normal shots in the storyboard.
 - III. Planning the visual effects, along with regular production.
- b. Schedule.
 - I. Planning the film:
 - 1. Production/Set design.
 - 2. Live action schedule.
 - 3. VFX schedule.
 - 4. Post-production: editing, sound, VFX, output.
 - 5. Compositing the final VFX shots.
 - 6. Incorporating into the edition.
- c. Start laying out the sets and locations.
 - I. The "Ames" room
 - 1. This is where the student wakes up. An "Ames room" is an optical illusion where it appears that a normal size person can either shrink or grow by walking across the room.
 - 2. Plan the size and start construction of this set.
 - II. Green screen studio.
 - 1. Planning scale.
 - a. From the storyboard, plan the scale size of each shot.
- d. Scout the locations

- I. Find locations to work within the limitations of the EICTV studio and its measurements.
 - 1. Scout locations within confines of EICTV studio size.
 - 2. Take measurements, plan each shot.
 - 3. Arrange times of day for the scenes.
- II. Finalize the schedule.
- e. Crew and Equipment preparing.
 - I. Secure and preparing the equipment.
 - 1. Camera(s): Alexa, Canon 7D(?), others(?)
 - 2. Lenses.
 - 3. Tripods, special equipment to mount cameras (for low angles, etc).
 - 4. Lights.
 - II Set up the crew.
 - a. Camera, Grip, Electric.

3rd and 4th weeks
From July 8 to 19

- Shooting. and compositing.
- a. Shoot the "Ames room" scenes in the EICTV studio
 - b. Shoot location scenes (backgrounds – normal scale).
 - c. Shoot green screen shots –EICTV Studio.
 - d. Review footage in editing room.
 - I. Load footage into computer.
 - II. Review and pick takes.
 - III. Separate green screen from BG shots.
 - IV. Analyze chroma and luminance of green screen shots.
 - d. Begin compositing green screen shots with BG shots, begin editing.

5th week
From July 22 to 26

- Compositing, edition and post-production.
- a. Continue green screen compositing, editing.
 - b. Begin post-production sound.
 - c. Finish editing and compositing.
 - d. Do final composites, lock picture.
 - e. Complete sound.

Pre-requisites:

- Graduates of film or audiovisual media school, with a fundamental education in photography, cinematography, or general production.
- Must have a basic knowledge of photography.

- Preference, but not requirement: a short film or, showing competence in photography or cinematography.
- Curriculum Vitae, including contact information and a link with a demo reel with works that shows his aptitude in photography.

General Information:

The class schedule will be from 9.30 AM to 12.30 PM and from 2.00 to 5.00 PM. Attendance and punctuality in the classroom are mandatory and should be strictly observed.

Classes, accommodation and meals are all inclusive in the registration fees. The students will get free health care (emergencies) at the school's clinic.

Every foreign person entering Cuba must have an insurance policy valid for the period of their stay in the country, and in its absence, they should buy it at the border facilities. This insurance will cover hospitalization and other specialized services if need be. Further details about travelers insurance can be found on the website www.asistur.cu.

The school has several sports fields and free transportation to town. There's a coffee-shop which remains open 24 hours, a shop, a laundry, as well as international telephone and Internet services.

Those people interested in attending the workshop should submit their requests to Orietta Roque, coordinator of the Higher Studies Workshops, at the following addresses: orietta@eictv.org.cu and altos.estudios@eictv.co.cu

The school reserves the right to admission and the eventual substitution of professors, in case there might be any inconvenience.

Note: See professors filmographys in internet.