



Advance Diploma in Visual Effects (VFX) Film Making

Duration
24 Months (2 years)

Total Module
4

Total Software Covered
8

A Bit About course

This program has been designed to deal with Filmmaking by using Live Action, 3D Animation & Visual Effects. The first module deals with Fundamentals of Art, Design & Composition. A student then understands the basics of Photography and Filmmaking. The second module covers CG Assets & Characters, Rigging & Animation that is required for a VFX film. The third module deals with Dynamics & Tracking. The fourth module combines CG with live action footage using timelines and a node-based compositing software. At the end of the program, the student develops a Visual Effects short film using Live Action & CG.

Modules wise breakdown

Module 1- (6 Months)

FUNDAMENTALS OF ART & DESIGN

- Fundamentals of Art & Design
- Perspective
- Photography
- Color Theory
- Computer Graphics
- Video & Sound Editing
- Matte Painting
- Image Mixing
- Manipulation
- Base Concept Art
- Rule of frame composition
- Scene Framing
- Story telling

Module 2 - (6 Months)

PRODUCTION

- Story Drafting
- Script Writing
- Screen Play writing
- Camera Angles and Types of frames
- Video Editing
- Scene Writing
- Line Direction
- Breakdown and Scheduling a set
- Set Designing
- Art Direction
- Cinematography
- Database & Distribution
- Types of Lighting
- Writing genera

Module 3 - (6 Months)

3D PRODUCTION, DYNAMICS
& TRACKING

- Modeling
- Texturing
- Lighting
- Rigging
- Animation
- Dynamics
- Tech Animation
- Tracking
- Stabilizing
- Liquid Simulation
- Smoke/Gas Simulation
- Particle Proto type

Module 4 - (6 Months)

COMPOSITING

- Rotoscopy
- Color Correction
- 3D Compositing (passes)
- Live + Live and Live + CG Compositing
- Stereoscopy
- Motion Graphics
- Keying
- Rotomation
- Match Move
- Roto Paint
- Roto Track
- Cloneing
- Matte Compositing
- Projection

Software covered

- Adobe Photoshop

Adobe Premiere

Adobe After Effects

Adobe Audition

Autodesk Maya

RealFlow

Foundry Nuke

Substance Painter
- Vray

Element 3D

Animation Composer

Trapcode pack

Optical Flare

Saber

Duik

CC Shine
- Adobe Lightroom

Advance Camera Raw

DaVinci Resolve

Sillhouette

Mocha

Final Draft



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