

ADVANCED PROGRAM IN VISUAL EFFECTS PLUS

POWERED BY

CAREER X & CREATOR X

COURSE DURATION: 650 HRS
WITH CAREERX

COURSE DURATION: 698 HRS
WITH CAREERX & CREATORX

ADVFX PLUS

VFX is the heart of modern content creation, driving modern content creation, shaping films, TV commercials, web series and digital media with stunning visuals. ADVFX PLUS takes you deep into the art and science of VFX, from fundamentals to advanced industry techniques. With the rising demand for high-quality VFX, studios seek professionals who blend creativity with technical expertise. ADVFX PLUS is an intensive program designed to sharpen your skills, refine your craft and set you apart as an industry leader.

CAREER OPTIONS

- VFX Compositor • CG Compositor • FX Artist • CHF Artist
- Layout Artist • Matchmove Artist • Motion Graphics Artist
- BG Prep Artist • Roto Artist • Pre-Visualisation Artist
- Video Editor • Matte Painter • AI Visualiser • AI Concept Artist

**Please refer to page no. 110 for Trademark Attribution.

COURSE CONTENT

TERM I

- Fundamentals of Visual Design • Introduction to Digital Content
- Digital Design • Basics of Filmmaking • Generative AI for Digital Creators — Imagery
- Layout & Animatics • Video & Sound Editing • Basics of Compositing
- Generative AI for Digital Creators - Video & Audio

SOFTWARE** COVERED

- Photoshop • Storyboarder • Premiere • Audition • After Effects
- ChatGPT • Deepseek • Leonardo AI • Midjourney • Sora
- Gen Ai Video generation tools- (Higgsfield/Runway ML***) • ElevenLabs • Suno AI
- Comfy UI • Firefly • Canva AI Tools

TERM II

- Introduction to 3D World • 3D Design • Texturing
- Fundamentals of CG Lighting • Hierarchy, Connections & Character Setup
- Introduction to 3D Animation • 3D Modeling • PBR Texturing

SOFTWARE** COVERED

- 3ds Max • Maya • Substance 3D Painter

TERM III

- Advanced CG Lighting & Rendering • Virtual Cinematography • 3D Animation
- Prop & Character Setup • Particles, Dynamics & Advanced Effects
- Hair Grooming with X-Gen • Photogrammetry Workflow • Introduction to Procedural FX

SOFTWARE** COVERED

- Maya • Substance 3D Stager • Reality Capture • Houdini

TERM IV

- Introduction to Pyro and Fluids FX • Cloth Simulation & FX
- Introduction to Rotoscopy • Planar Motion Tracking
- Camera Tracking and Matchmove • Advanced Compositing
- Look Development • Colour Grading

SOFTWARE** COVERED

- Houdini • Marvelous Designer • Mocha • Silhouette FX
- 3D Equalizer • Nuke • Katana • DaVinci Resolve

*** In the Era of Gen AI, AI keeps evolving, as such the tools covered are subject to upgrades and replacements

SEMESTER I:

- Storytelling: Multi-platform narratives for Film, Games, and XR
- Art Direction: Visual impact via mood, color, and composition
- World Building: Narrative-driven environment design
- Studio Pipeline: Professional workflows, timelines, and approvals
- GenAI Power: AI-driven ideation, storyboarding, and previz

SEMESTER II:

- 3D Pipeline: Mastering departmental workflows and deadlines
- Asset Workflow: Creating production-ready assets without errors
- Scene Optimization: Using proxies, LODs, and instancing for performance
- LookDev & Lighting: Cinematic lighting using practical references
- Animation: Transforming storyboards into shots with clear body mechanics

SEMESTER III:

- Studio Workflow: Execute professional workflows from modeling to final texturing
- Asset Optimization: Build optimized, production-ready assets with clean topology
- VFX Integration: Master CG-to-plate matching through lighting and LookDev
- Performance Driven Animation: Create story-driven performances with precise body mechanics
- GenAI Integration: Leverage GenAI for rapid ideation and production optimization

SEMESTER IV:

- Matchmoving: Tracking cameras and complex motion for production footage
- Plate Prep: Mastering high-level rotoscoping, clean-up, and keying
- FX Integration: Blending FX elements seamlessly into live-action shots
- Color Management: Using accurate LUTs and color space for CG compositing
- Career Ready: Building a professional showreel with technical breakdowns

Eligible post completion of CareerX

MODULE I: Freelance Fundamentals & Gig Economy

- Explore creative career pathways
- Identify strengths and niche
- Build job-ready portfolios
- Learn pricing and client skills
- Practice professional ethics

MODULE II: Studio Setup & Project Management

- Set up a production-ready workspace
- Adopt the production workflow
- Master project management basics
- Work effectively in teams
- Develop a deadline-driven mindset

MODULE III: Project Pitch & Client Readiness

- Decode creative briefs with ease
- Pitch creative projects with clarity
- Confident presentation across pitches
- Professional feedback management
- Master portfolio presentation strategies

MODULE IV: Personal Brand & Network Building

- Build a strong professional identity
- Use online platforms strategically
- Professional network building
- Plan long-term career growth
- Master remote and hybrid teamwork

MODULE V: Entrepreneurship & Creator Mindset

- Navigate the creator economy ecosystem
- Adopt a value-driven creative and business mindset
- Explore monetization and revenue frameworks
- Safeguard intellectual property and creative assets
- Manage finances for long-term sustainability