VFX Compositing

Program Admission Arrangement

Who May Apply?

- **Graduates of:**
    - **"All graduates from all colleges of higher education - starting from a grade of 'Pass' and above."**

Prerequisites

"We highly recommend that candidates review the following courses prior to applying for admission to our program. "
"The courses cover multiple points in the specialization areas of VFX Compositing Track. "

<u>Basics highly recommend:</u>
- [Compositing with Nuke:]
- [Ahmed Khaled Nuke Arabic Tutorials:]
- [Mocha Pro by Boris FX]:
- [Create incredible motion graphics and visual effects]:
- <u>Advanced highly recommend:</u>
- [Pixar in a Box]
- [Autodesk Maya 101 Tutorials] :
- [Silhouette Tutorials Pro by Boris FX]:
- ITI values : [https://iti.gov.eg/about-us]

Selection Process

- **Phase 1:** IQ, English, and Technical MCQ Assessment
- **Phase 2:** Technical Interview
  Those applicants would be discussing with the interviewing panel their pre-work -"Before You Apply"- in a one-to-one interview
- **Phase 3:** Interpersonal Skills Interview
  Those how pass phase 3 will be promoted to this interview

Delivery Approach

- 50% face to face Learning| 50% Online

Students' Deliverables

- Each student must deliver at lest ONE **freelancing** job and an international **certficate** based on his track

VFX Compositing

1 Programs Offered

☑ **Professional Training Program:**
- VFX Compositor
- On-set supervisor
- Match moving Artist
- Matt Painting Artist
- Color Grading Artist

☑ **Intensive Code Camps:**

☑ **Undergrads Summer Camps**

☑ **Online Services (MaharaTech, ITI Tech Leap**

2 Industry/Academy Stakeholders

- Autodesk
- Mercury visual solutions
- Trend VFX
- Squids VFX
- The Crew
- Concave art production

3 Targeted Outcome

- **Employability**
  - Mercury visual solutions
  - Trend VFX
  - Squids VFX
  - The Crew
  - Concave art production
  - Aroma Graphics
  - Umbrella studio
  - Monkeys | Visual

  Effects and Animation
  - Gemini studio
  - Blue Monk
  - Paradox VFX
  - Black Horse VFX

4 Certifications

- Autodesk Maya Certified User

5 Graduates Job Profiles

VFX Compositor:
A VFX Compositor is responsible for seamlessly integrating visual effects elements into live-action footage. They work closely with the VFX Supervisor and other team members to achieve the desired look and feel of the final shots. The VFX Compositor uses their expertise in compositing techniques, color correction, and image manipulation to create realistic and visually appealing visual effects that enhance the overall visual storytelling.

On-set supervisor:
An On-set Supervisor plays a crucial role in the production process, particularly during the shooting of scenes involving visual effects. They collaborate with the director, cinematographer, and VFX team to ensure that the necessary elements are captured on set to facilitate the seamless integration of visual effects in post-production. The On-set Supervisor provides technical guidance, oversees the acquisition of accurate data for camera tracking and lighting, and ensures that the practical and digital elements align effectively to achieve the desired visual effects.

Matchmoving Artist:
A Matchmoving Artist utilizes specialized software and techniques to track the movement of the camera and objects in live-action footage. By accurately capturing camera motion and object tracking data, they enable the integration of 3D elements seamlessly into the scene. Matchmoving Artists work closely with the VFX team to ensure the proper alignment and synchronization of virtual assets with the live-action footage, contributing to the overall realism and believability of the visual effects.

Matte Painting Artist:
A Matte Painting Artist creates highly detailed, photo-realistic background or environment artwork for film and visual effects productions. Using a combination of traditional painting skills and digital tools, they craft imaginary or enhanced environments that cannot be easily or practically filmed on set. Matte Painting Artists work closely with the production team and VFX Supervisor to understand the desired look and feel of the scene and create stunning visual backdrops that enhance the overall cinematic experience.

Color Grading Artist:
A Color Grading Artist is responsible for enhancing the visual aesthetics and mood of the footage through color correction and grading techniques. They work closely with the cinematographer, director, and VFX team to ensure consistency and achieve the desired visual style for the final product. Color Grading Artists have a keen eye for color theory, storytelling, and visual impact, and they utilize their technical skills to manipulate color and tone, creating a cohesive and visually striking look for the film or visual effects project.

VFX Compositing

Program Content Structure

Film Language fundamentals
- CG Introduction
- Script Writing for VFX
- Storyboard Fundamentals
- Film Language and Directing for VFX

Life Skills Courses
- Communication Essentials for Professionals
- High Impact Presentations
- "Progressive Teamwork and Leadership Skills(Workshop)"
- "Professional Demeanor(Workshop)"
- "Best Practices For Remote Working(Workshop)"
- Job Seeking Skills
- Freelancing For Digital Arts
- Introduction to Generative AI and Prompt Engineering (Workshop)

After Effects VFX and Motion Graphics
- After Effect Fundamentals
- Introduction to Motion Graphics for VFX

Video and Sound and Coloring
- Video Editing for VFX
- Color Grading
- Sound Editing and Mixing

Compositing Fundamentals
- Introduction to Compositing
- Nuke 3D and Projection
- Nuke: Grading and Integration
- Nuke: Keying
- Nuke: Painting
- Nuke: Rotoscoping
- Nuke: Tracking
- Compositing applications
- Portfolio Making

Digital Art Essentials
- Art History
- Digital Matte Painting
- Digital Painting

3D Essentials for VFX
- Maya Fundamentals
- 3D for VFX Production
- Look Development for VFX Production

VFX On Set and Match moving
- Cinematic production Fundamentals
- Cinematography: Color Theory and Light for VFX
- Cinematography: Composition Theory for VFX
- On-Set Supervision
- Match Moving

Pie chart:
- VFX On Set and Match moving 13%
- Film Language fundamentals 8%
- Life Skills Courses 7%
- After Effects VFX and Motion Graphics 7%
- Video and Sound and Coloring 8%
- Compositing Fundamentals 33%
- Digital Art Essentials 8%
- 3D Essentials for VFX 16%