


SYLLABUS

# Computer Graphics and Visual Effects

From the set to the screen: one visual effects shot, finished in class.

WHEN

Saturday 6 February 2027 · 10:00 to 14:00 and 14:30 to 18:30

WHERE

Jimsonweed Studios (CEPA), Tudela de Agüeria s/n, 33919 Oviedo

PLACES

20 places. Registration open.

**A place on a course includes the Thursday 4 afternoon. There is no need to register separately.**

# What you learn

From the set to the screen. You follow one shot through a professional VFX pipeline, from start to finish: a CG element integrated in a live action plate. It is a demonstration course: the teachers carry out each step in front of the group and explain it, with time for questions.

| TIME | SESSION | TEACHERS |
|---|---|---|
| 10:00 to 10:15 | Welcome and introduction to the course | Alonso Varela |
| 10:15 to 12:00 | The VFX pipeline and colour management (ACES) | Adrián Castro |
| 12:00 to 14:00 | Pre-production: the plate, the lens and the plan of the shot | Adrián Castro |
| 14:30 to 16:30 | Camera tracking and the 3D scene | Adrián Castro |
| 16:30 to 18:00 | Lighting, render passes, compositing and the final shot | Adrián Castro |
| 18:00 to 18:30 | Artificial intelligence and machine learning in VFX | Adrián Castro |

LUNCH 14:00 TO 14:30.

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CONTENT

# What you will see

| | |
|---|---|
| **From set to composite** | How a shot travels from data capture on set to the final composite. |
| **Colour** | Colour management with linear light, Log and ACES. |
| **The plate and the lens** | How to read a plate and remove lens distortion. |
| **Tracking and 3D scene** | Camera tracking, the ground plane and real world scale. |
| **Light and render** | Lighting with HDRI, render passes (AOVs) and colour and grain matching. |
| **Delivery** | Delivery in OpenEXR and ProRes, quality control and how to show the shot in a reel. |
| **AI and machine learning** | How artificial intelligence and machine learning are changing technical work: rotoscoping, tracking, denoising, depth and upscaling. |

WHO IT IS FOR

For beginners and for people with some 3D experience who want to understand the whole pipeline.

THE STUDIO PROVIDES

4K plates, HDRI from the set and the 3D assets of the shot.

YOU LEAVE WITH

Knowing how a VFX shot is built from start to finish, and a guide to keep learning.

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TEACHERS

# Who teaches

Working professionals with experience on international productions, who work at or with the studio.

## ALONSO VARELA

Founder and CEO of Jimsonweed Studios

Filmmaker, writer and director, after more than 25 years in international visual effects and animation. He introduces the course.

## ADRIÁN CASTRO

Training Coordinator, Layout & Previs Lead

Layout and Matchmove Supervisor with more than fifteen years across leading international studios.

REGISTRATION

# Registration open

`jimsonweedstudios.com/events/february-2027`

A place on a course includes the Thursday 4 afternoon. There is no need to register separately. Registration reserves your place and we send the payment link afterwards. Each course has 20 places.

WHERE

Jimsonweed Studios (CEPA), Tudela de Agüeria s/n, 33919 Oviedo. The Thursday 4 afternoon, in Stage 3.