



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

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COURSE BROCHURE

3D Animation Background Design

Communication Studies and Language / Media Studies

Unit Standard 242549 · NQF Level 5 · 8 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the skills to design compelling and technically sound backgrounds for 3D animation. It covers the principles of background design, including composition, colour theory, and lighting, as well as the practical application of industry-standard software tools. By the end of the course, participants will be able to create background designs that enhance storytelling and meet production requirements.

Category	Communication Studies and Language
Subfield	Media Studies
Unit Standard	242549
Accreditation	SAQA Accredited · NQF Level 5 · 8 Credits
Duration	5 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply design principles such as composition, colour theory, and perspective to create effective 3D animation backgrounds.
- Analyse a script or brief to determine background design requirements that support the narrative and mood.
- Design background concepts and produce detailed sketches or digital mock-ups for review.
- Implement background designs using 3D modelling and texturing software, ensuring consistency with animation style.
- Evaluate the final background designs for visual impact, technical accuracy, and alignment with production constraints.

WHO SHOULD ATTEND

- This course is ideal for aspiring 3D animators, graphic designers, and multimedia artists who wish to specialise in background design.
- It is also suitable for professionals seeking to upgrade their skills in 3D animation production.

COURSE OUTLINE

Day 1: Introduction to 3D Animation Background Design

- Overview of 3D animation pipeline and background design.
- Principles of composition: rule of thirds, depth, and balance.
- Introduction to color theory and lighting in background design.
- Software overview: Blender, Maya, or similar tools.
- Case studies of background design in films and games.
- Basic navigation and interface of 3D software.

Day 2: Modeling and Texturing Background Elements

- Modeling techniques: box modeling, extrusion, and modifiers.
- Creating props and environment elements.
- UV mapping fundamentals.
- Texture painting and material assignment.
- Using PBR textures for realistic surfaces.
- Optimizing models for animation pipelines.

Day 3: Lighting and Atmosphere in Backgrounds

- Types of lights: directional, point, area, and spot.
- Three-point lighting setup for scenes.
- Global illumination and radiosity.
- Creating atmospheric perspective.
- Volumetric lighting and fog.
- Lighting for emotional impact.

Day 4: Camera Composition and Storytelling

- Camera framing and rule of thirds.
- Depth of field and focal length.
- Camera angles and their psychological effects.
- Storyboarding for background design.
- Parallax effect in 2.5D backgrounds.
- Animating camera paths.

Day 5: Integration and Final Project

- Scene assembly and organization.
- Rendering settings and output formats.
- Post-processing in compositing software.
- Portfolio presentation tips.
- Peer review and feedback.
- Industry best practices and career paths.

ASSESSMENT & CERTIFICATION

Delegates are assessed through exercises and a final test. A mark of **50% or above** earns an **AATICD Certificate of Completion**, issued digitally with a unique verification code. This course carries **8 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 24,200.00	R 24,200.00
1	In-House	R 31,400.00	R 31,400.00
1	On-Campus (Pretoria)	R 36,200.00	R 36,200.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Abu Dhabi, UAE
10 Aug 2026	14 Aug 2026	On-Campus	Pretoria, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Dubai, UAE
10 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Mauritius
17 Aug 2026	21 Aug 2026	On-Campus	Dubai, UAE
17 Aug 2026	21 Aug 2026	On-Campus	Pretoria, South Africa

Contact us if no suitable date is listed – on-demand sessions can be arranged for groups.

HOW TO GET A QUOTE OR APPLY

- 1. Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard 242549) and click **Get A Quote / Apply**. Select your training method and number of delegates – your quotation is generated immediately and emailed to you with the course brochure attached.
- 2. Apply by email:** send the course title, your preferred training method (Online, In-House or On-Campus Pretoria), the number of delegates and your preferred dates to apply@aaticd.co.za – our team will reply with a formal quotation.
- 3. Apply by phone or WhatsApp:** call +27 12 004 8389 or WhatsApp +27 65 077 6310 and we will prepare your quotation and reserve your seats.
- 4. Confirm your booking:** accept the quotation and settle the invoice. As soon as payment is confirmed your delegates are enrolled and receive their AATICD LMS login details by email, along with joining instructions for their chosen training method.

Group discounts apply automatically – the more delegates you enrol, the lower the price per delegate. No payment is required to request a quotation.

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