



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

Visual Effects On-Set Production Supervision

Communication Studies and Language / Media Studies

Unit Standard 242543 · NQF Level 5 · 8 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the skills to supervise on-set visual effects (VFX) production, ensuring seamless integration of VFX elements during live-action filming. Participants will learn to coordinate between the VFX team and film crew, manage on-set data capture, and maintain production schedules.

Category	Communication Studies and Language
Subfield	Media Studies
Unit Standard	242543
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 VFX production protocols to supervise on-set activities
- Coordinate communication between VFX team, director, and film crew
- Manage on-set data capture (e.g., reference photography, HDRIs, tracking markers)
- Evaluate on-set conditions to ensure VFX requirements are met
- Implement contingency plans for common VFX production challenges

WHO SHOULD ATTEND

- VFX supervisors, production managers, and senior crew members responsible for overseeing visual effects on set.
- Also suitable for filmmakers transitioning into VFX-heavy productions.

COURSE OUTLINE

Day 1: Fundamentals of Visual Effects and On-Set Supervision

- Introduction to VFX on-set supervision: roles and responsibilities
- Overview of the VFX pipeline: from pre-production to final delivery
- Key VFX terminology: green/blue screen, tracking markers, HDRIs, reference plates
- Common VFX techniques: compositing, CGI integration, matte painting
- Pre-production planning: script breakdown, storyboards, previz
- Communication protocols with director, DP, and production team
- Data management basics: naming conventions, storage, backup

Day 2: On-Set Data Capture and Technical Requirements

- Camera and lens data: recording metadata, lens distortion grids
- Lighting reference: gray balls, chrome balls, HDRIs
- Clean plates: capturing without actors or objects
- Reference materials: textures, lighting setups, set measurements
- Equipment checklist: cameras, spheres, gray cards, data wrangling gear
- On-set data wrangling: file transfer, verification, and backup
- Working with the camera department: matching settings for VFX
- Dealing with practical challenges: reflections, shadows, and movement

Day 3: Green/Blue Screen and Tracking Marker Best Practices

- Green/blue screen materials: fabric vs. paint, seam management
- Lighting green/blue screens: even illumination, avoiding hot spots
- Screen placement: distance from subject, depth of field considerations
- Tracking markers: types (tape, ping-pong balls), placement patterns
- Marker visibility: size, contrast, and camera resolution
- Spill suppression: backlight, negative fill, and screen angle
- Common problems: wrinkles, shadows, color contamination
- On-set testing: quick chroma key checks and tracking validation

Day 4: On-Set Supervision for Practical Effects and Interactive Lighting

- Practical effects integration: explosions, fire, smoke, water
- Interactive lighting: matching CGI light sources with on-set lights
- Reference for digital doubles: photogrammetry, body scans, wardrobe
- Set extensions: capturing high-res textures and measurements
- Safety protocols for practical effects and VFX equipment
- Time management: prioritising VFX shots during busy schedules
- Budget considerations: cost-effective data capture without compromise
- Collaboration with SFX, stunts, and props departments

Day 5: Advanced On-Set VFX Workflows and Post-Production Handover

- Advanced workflows: high-speed camera, motion control, virtual production
- On-set review: real-time compositing, using witness cameras
- Handover documentation: shot logs, metadata, data delivery notes
- Post-production expectations: color space, resolution, frame rates
- Troubleshooting: missing data, exposure mismatches, lens issues
- Adapting to changes: script revisions, weather, time constraints

- Final review: ensuring all VFX elements are captured correctly
- Course wrap-up: best practices and career development

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
03 Aug 2026	07 Aug 2026	On-Campus	Pretoria, South Africa
03 Aug 2026	07 Aug 2026	On-Campus	Dubai, UAE
03 Aug 2026	07 Aug 2026	On-Campus	Cape Town, South Africa
03 Aug 2026	07 Aug 2026	On-Campus	Mauritius
03 Aug 2026	07 Aug 2026	On-Campus	Johannesburg, South Africa
03 Aug 2026	07 Aug 2026	On-Campus	Lagos, Nigeria
10 Aug 2026	14 Aug 2026	On-Campus	Mauritius
10 Aug 2026	14 Aug 2026	On-Campus	Cape Town, 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 242543) 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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