



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

Vision Control in Television Production

Communication Studies and Language / Media Studies

Unit Standard 243976 · NQF Level 5 · 8 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the skills to manage and control the visual quality of television productions. It covers the operation of vision control equipment, signal monitoring, and colour grading to ensure broadcast standards are met. Learners will gain hands-on experience in adjusting camera parameters and troubleshooting visual issues.

Category	Communication Studies and Language
Subfield	Media Studies
Unit Standard	243976
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 principles of vision control to monitor and adjust video signals in live and recorded productions.
- Demonstrate the use of waveform monitors and vectorscopes to ensure correct exposure and colour balance.
- Analyze camera output and make real-time adjustments to achieve consistent visual quality across multiple cameras.
- Evaluate lighting conditions and camera settings to optimise image quality in various production environments.
- Implement colour grading techniques to enhance the aesthetic appeal of television content.
- Troubleshoot common vision control issues, such as colour casts, flicker, and signal interference.

WHO SHOULD ATTEND

- This course is designed for technical staff in television production, including camera operators, vision engineers, and production assistants seeking to specialise in vision control.

COURSE OUTLINE

Day 1: Fundamentals of Vision Control

- Introduction to vision control and its importance
- Overview of broadcast cameras and their components
- Signal flow: camera, switcher, monitors
- Colour theory basics: temperature, white balance, gamma
- Introduction to waveform monitors and vectorscopes
- Setting up a basic camera chain

Day 2: Camera Setup and Alignment

- Detailed camera menu navigation
- White balance and black balance procedures
- Iris, gain, and shutter: when and how to adjust
- Using colour bars and test charts
- Pedestal (setup) and gamma adjustments
- Matching multiple cameras for consistency

Day 3: Colour Grading and Matching

- Colour correction vs colour grading
- Using vectorscope for hue and saturation
- Waveform monitor for luminance levels
- Techniques for matching cameras under varying lighting
- Creative colour grading for mood and style
- Dealing with mixed lighting conditions

Day 4: Advanced Vision Control Techniques

- Introduction to LUTs and their application
- HDR and wide colour gamut fundamentals
- Auto-balance and auto-shading systems
- Troubleshooting: flicker, noise, colour casts
- Remote vision control panels and software
- Integration with production switchers

Day 5: Practical Integration and Assessment

- Full multi-camera setup and alignment
- Live colour grading and matching during a mock production
- Responding to lighting changes and camera faults
- Review of recorded output and self-assessment
- Final assessment and feedback

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 243976) 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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