



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

Digitised Video For Multimedia And Web Applications Training

Physical, Mathematical, Computer and Life Sciences / Information Technology and Computer Sciences

Unit Standard 115375 · NQF Level 5 · 10 Credits · 7 Days

COURSE OVERVIEW

This course equips learners with the skills to capture, edit, and integrate digitised video into multimedia and web applications. It covers video formats, compression techniques, and delivery methods for effective digital storytelling.

Category	Physical, Mathematical, Computer and Life Sciences
Subfield	Information Technology and Computer Sciences
Unit Standard	115375
Accreditation	SAQA Accredited · NQF Level 5 · 10 Credits
Duration	7 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply video capture and digitisation techniques to produce raw footage for multimedia projects.
- Analyse video compression standards and formats to select appropriate settings for web delivery.
- Edit digitised video using non-linear editing software to create polished sequences.
- Design video integration strategies for embedding video into web pages and multimedia presentations.
- Implement optimised video outputs that balance quality and file size for various digital platforms.
- Demonstrate the ability to export video in multiple formats suitable for different devices and bandwidths.

WHO SHOULD ATTEND

- This course is designed for multimedia designers, web developers, and content creators who need to produce and incorporate video assets into digital platforms.

COURSE OUTLINE

Day 1: Fundamentals of Digital Video

- Introduction to digital video: definitions and history
- Analog vs. digital video: advantages of digital
- Video resolution, aspect ratio, and frame rates
- Video compression: lossy vs. lossless, codecs overview
- Common file formats: MP4, AVI, MOV, etc.
- Video containers and codec relationships

Day 2: Video Capture and Acquisition

- Types of video capture devices: cameras, webcams, screen recorders
- Setting up capture: camera settings, tripods, lighting
- Audio capture: microphones, levels, and noise reduction
- Capturing from live sources and existing media
- File management: naming, storage, backup strategies
- Troubleshooting: sync issues, dropped frames, audio problems

Day 3: Video Editing Fundamentals

- Introduction to NLE software: interface overview
- Importing and organising clips
- Basic editing: cutting, trimming, splitting
- Working with timeline and multiple tracks
- Transitions: dissolves, wipes, and fades
- Colour correction basics: white balance, exposure, contrast
- Export settings: resolution, bitrate, format selection

Day 4: Audio and Visual Effects

- Audio editing: volume, fade, noise removal
- Audio effects: equalisation, compression
- Visual effects: colour grading, filters, overlays
- Keyframing: position, scale, opacity animation
- Adding text and titles: styles, motion
- Compositing: layers, blending modes, green screen

Day 5: Video Compression and Optimisation for Web

- Web video standards: HTML5, HLS, MPEG-DASH
- Compression settings: bitrate, resolution, codec selection
- Optimising for streaming: buffering, chunking
- Adaptive bitrate streaming: multiple renditions
- Testing tools: browser compatibility, network simulation
- Best practices for mobile and low-bandwidth scenarios

Day 6: Interactive and Multimedia Integration

- Embedding video: HTML5 video tag, iframes
- Interactive video: hotspots, clickable links, quizzes
- Multimedia integration: synchronising with slides, animations
- Video players: custom controls, skinning

- Video APIs: YouTube, Vimeo, custom players
- Accessibility: captions, transcripts, audio descriptions

Day 7: Final Project and Assessment

- Project planning: storyboard, script, timeline
- Production: capture, edit, effects, audio
- Optimisation: compression, web-ready formats
- Integration: embedding, interactivity
- Presentation: showcase projects, peer feedback
- Assessment: unit standard criteria review
- Career pathways and further learning resources

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 **10 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 21,700.00	R 21,700.00
1	In-House	R 28,200.00	R 28,200.00
1	On-Campus (Pretoria)	R 32,600.00	R 32,600.00

UPCOMING SESSIONS

Start	End	Method	Venue
21 Aug 2026	31 Aug 2026	On-Campus	Pretoria, South Africa
24 Aug 2026	01 Sep 2026	On-Campus	Durban, South Africa
25 Aug 2026	02 Sep 2026	On-Campus	Shenzhen, China
26 Aug 2026	03 Sep 2026	On-Campus	Harare, Zimbabwe
27 Aug 2026	04 Sep 2026	On-Campus	Bangkok, Thailand
28 Aug 2026	07 Sep 2026	On-Campus	Victoria Falls, Zimbabwe
28 Aug 2026	07 Sep 2026	On-Campus	Abu Dhabi, UAE
31 Aug 2026	08 Sep 2026	On-Campus	Shenzhen, China

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 115375) 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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