



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

Animation Time Structure Breakdown Presentation

Communication Studies and Language / Media Studies

Unit Standard 242648 · NQF Level 5 · 7 Credits · 4 Days

COURSE OVERVIEW

This course equips learners with the skills to break down animation time structures effectively. Participants will learn to present visual breakdowns of timing for animation sequences, ensuring clarity and alignment with production requirements.

Category	Communication Studies and Language
Subfield	Media Studies
Unit Standard	242648
Accreditation	SAQA Accredited · NQF Level 5 · 7 Credits
Duration	4 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply principles of time structure to plan animation sequences.
- Analyze animation timing requirements from storyboards and scripts.
- Design visual breakdowns of time structures for animation.
- Demonstrate the ability to present time structure breakdowns to stakeholders.
- Evaluate the effectiveness of time structure presentations.
- Implement adjustments to timing based on feedback and production constraints.

WHO SHOULD ATTEND

- Animators, multimedia designers, and visual effects artists who need to communicate time-based animation breakdowns.
- Also suitable for production coordinators and supervisors overseeing animation projects.

COURSE OUTLINE

Day 1: Foundations of Animation Timing

- Introduction to animation timing: definition and importance
- Frames per second (fps) and frame rates in different media
- Basic timing charts and exposure sheets
- The principle of slow in, slow out and its effect on natural movement
- Timing for weight and gravity: bouncing ball exercise
- Spacing vs. timing: creating the illusion of speed
- Overview of timing in traditional vs. digital animation
- Case studies: analysing timing in classic animated scenes

Day 2: Timing Techniques for Character Animation

- Walk cycle timing: keyframes, inbetweens, and variations
- Jump and landing sequences: timing for impact and recovery
- Anticipation: how timing builds expectation
- Follow-through and overlapping action: timing secondary motion
- Staging and timing: directing viewer attention
- Timing for dialogue: lip sync and emotional beats
- Stylised timing: cartoon vs. realistic movement
- Practical exercise: timing a short character action sequence

Day 3: Advanced Timing and Special Effects

- Timing for particle effects: explosions, smoke, and sparks
- Fluid dynamics timing: water splashes and waves
- Fire and flame animation: flicker and propagation timing
- Timing for camera pans, zooms, and cuts
- Scene transitions: timing for pacing and rhythm
- Multi-layer timing: coordinating foreground, midground, and background
- Timing in 3D animation: keyframe interpolation and curves
- Case study: deconstructing a complex action sequence

Day 4: Practical Integration and Presentation

- Review of key timing concepts and common pitfalls
- Workflow for planning and executing a timed animation
- Using timing charts and dope sheets in digital software
- Group project: create a 10-second animated sequence with varied timing
- Peer review and constructive feedback on timing choices
- Presentation of final projects with timing breakdown analysis
- Industry best practices for timing in film, TV, and games
- Course wrap-up and resources for continued learning

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 **7 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 21,500.00	R 21,500.00
1	In-House	R 27,900.00	R 27,900.00
1	On-Campus (Pretoria)	R 32,300.00	R 32,300.00

UPCOMING SESSIONS

Start	End	Method	Venue
03 Aug 2026	06 Aug 2026	On-Campus	Pretoria, South Africa
03 Aug 2026	06 Aug 2026	On-Campus	Dubai, UAE
03 Aug 2026	06 Aug 2026	On-Campus	Cape Town, South Africa
03 Aug 2026	06 Aug 2026	On-Campus	Mauritius
03 Aug 2026	06 Aug 2026	On-Campus	Johannesburg, South Africa
03 Aug 2026	06 Aug 2026	On-Campus	Lagos, Nigeria
11 Aug 2026	14 Aug 2026	On-Campus	Mauritius
11 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 242648) 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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