



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 For Multimedia And Web Applications Training

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

Unit Standard 115364 · NQF Level 5 · 10 Credits · 7 Days

COURSE OVERVIEW

This course equips learners with the skills to create and integrate animation for multimedia and web applications. It covers the principles of animation, design techniques, and software tools used to produce engaging animated content for digital platforms.

Category	Physical, Mathematical, Computer and Life Sciences
Subfield	Information Technology and Computer Sciences
Unit Standard	115364
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

- Demonstrate understanding of animation principles and techniques for multimedia and web applications.
- Apply design concepts to create storyboards and animatics for digital projects.
- Implement animation using industry-standard software tools, including timing, motion, and interactivity.
- Evaluate and refine animations for performance and user experience across various platforms.
- Design animated sequences that integrate with multimedia and web environments.
- Analyze the impact of animation on user engagement and accessibility.

WHO SHOULD ATTEND

- This course is ideal for graphic designers, multimedia developers, web designers, and anyone seeking to enhance their skills in creating animation for digital media.

COURSE OUTLINE

Day 1: Introduction to Animation Principles and Tools

- Overview of animation: traditional, 2D, 3D, and stop-motion
- Core principles of animation (12 principles)
- Introduction to Adobe Animate, Blender, and web animation tools (CSS, JavaScript libraries)
- File formats and export settings for web and multimedia
- Hands-on: creating a bouncing ball animation in Adobe Animate

Day 2: Storyboarding and Character Design for Animation

- Storyboarding techniques: shot composition, camera angles, timing
- Character design fundamentals: shapes, silhouettes, personality
- Creating model sheets and expression sheets
- Colour palettes and mood boards
- Hands-on: storyboard a short scene and design a simple character

Day 3: Keyframe Animation and Motion Tweens

- Keyframe animation workflow
- Motion tweens vs. classic tweens
- Easing functions: ease-in, ease-out, bounce, elastic
- Looping techniques for seamless animations
- Hands-on: animate a looping loading spinner and a character walk cycle

Day 4: Advanced 2D Animation Techniques

- Masking and alpha channels
- Cut-out animation with bone rigs (e.g., Adobe Animate armature)
- Parallax scrolling for depth
- Audio syncing: lip-sync and sound effects
- Hands-on: create a short scene with a character walking through a parallax background

Day 5: 3D Animation Fundamentals for Web and Multimedia

- Introduction to Blender: viewport navigation, basic modelling
- Materials and textures: UV mapping basics
- Lighting: three-point lighting setup
- 3D animation: keyframes, graph editor, constraints
- Hands-on: model and animate a spinning 3D logo

Day 6: Web Animation with CSS, SVG, and JavaScript

- CSS animations: @keyframes, transitions, transforms
- SVG animation: stroke-dash, morphing
- JavaScript animation libraries: GSAP timeline, Anime.js
- ScrollMagic and Intersection Observer for scroll animations
- Hands-on: build an animated landing page with interactive elements

Day 7: Integration, Portfolio Development, and Industry Best Practices

- Combining 2D/3D assets in a single project
- UI/UX animation principles: micro-interactions, loading states
- Performance optimisation: reducing file size, using hardware acceleration
- Portfolio presentation: showreel creation, case studies

- Industry trends: motion design, VR/AR animation, and emerging tools

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

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 115364) 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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