



# Fact Sheet

3D Animation  
and Visual Effects



Creative &  
Technology  
Universitas

# 3D Animation and Visual Effects

## DESIGN FACULTY

### Vocational Studies: 2024 Fact Sheet

Programme Title	SAQA ID	Credits	NQF
National Certificate: 3D Animation and Visual Effects	57607	149	5

## Programme description

Students who attain this qualification are competent 3D animation or visual effects artists. This qualification is set to improve the quality of 3D animation and visual effects in South Africa, providing an entry level of generalist competence that can be developed to improve international competitiveness. This qualification aims to ensure competence at production level, where the bread and butter of qualified learners is in the short form, for example, in the advertising industry.

In South Africa, a large percentage of 3D animators and visual effects artists are self-trained. It is important for access to employment to develop a show reel/portfolio, especially for the long form market. Qualified learners will gain employer recognition for relevance, addressing the poor track record of 3D animation and visual effects in South Africa, confounded by graphic design competence being put forward as 3D animation and visual effects competence. Qualified learners will understand the processes involved, as well as their value in the production value chain. International recognition will be enhanced, and 3D animation and visual effects can become a South African cultural product outlet.

Qualified learners are capable of animating characters, modelling objects and characters, texturing and lighting objects, characters, and backgrounds, drawing characters and objects, storyboarding scripts, managing own projects, compositing layers, managing electronic files, rigging models, rendering files, formats and outputting, designing backgrounds, assessing contracts and marketing their own 3D animation and visual effects capabilities.

3D animation and visual effects can also play an important role in the field of education. There is an international shortage and global demand for 3D animation and visual effects.

## Programme Outline

### Semester 1

- ▶ 2D/3D Animation Production (TAP521)
- ▶ 2D/3D Animation Design A (TAD521)
- ▶ 3D Modelling A (TDM521)
- ▶ Motion Graphics & Visual Effects A (MVFX521)

### Semester 2

- ▶ 2D/3D Animation Design B (TAD522)
- ▶ 3D Modelling B (TDM522)
- ▶ Motion Graphics & Visual Effects B (MVFX522)
- ▶ 3D Business Management (TDM522)

## Admission requirements

- ▶ Further Education and Training Certificate: Design Foundation (NQF 4) or similar qualification.
- ▶ FET Certificate: Information Technology: Systems Development (Web UI Design)

## Mode of study | Duration

**Day Classes** (full time): 12 Months (5 days/week)

**Evening Classes** (part time): 12 Months, (2 x evening classes per week, 18:00 - 21:00, Mon & Wed or Tues & Thurs as well as 2 x Saturday classes per month)

## Teaching and Learning Methodology

A blended Teaching and Learning methodology is followed. All theory classes will be conducted Virtually through Lecturer-led interactive teaching on a national basis. A flipped classroom approach will be followed in some sessions. This means that students are introduced to content at home and practice working through it during the applicable session, either the virtual theory sessions or the practical sessions.

All students will be allocated to lecturers that is not necessarily based at the campus of enrollment but who will always be subject matter experts. CTU implements a national academic standard and all lecturers have been appointed on the same criteria and use exactly the same academic content in the teaching and learning process. The adherence to a national academic standard is monitored by the Academic Management team at Head office. Therefore, all students will continue to receive the same quality of education.

Students will attend some practical, group and research sessions at campus or virtually. The same work and time will be spent on both methods, face to face or VLIT, with students. Extra practical sessions can be booked at the campus with the Campus Operational Manager. Students will be expected to attend practical, group and research classes on campus a minimum of two days a week, as per the campus schedule.

## Textbooks and e-guides

A list of prescribed textbooks will be provided in your e-guides. Students will receive an electronic version of the academic guides (e-guides) for this programme on the Teaching and Learning platform. Access is available to an electronic library of textbooks on O'Reilly, and it is included in the fees.

## Technology hardware, software and data requirements

A minimum of 50 GB of data per month (uncapped recommended) is required to access training material, research and resource content, to download and keep Adobe product up to date.

For additional information of stationery and device specifications, please refer to our guides.

### [Device Specifications and Stationery List](#)

## Student Support

Student support sessions with the facilitator will also take place on a one-on-one basis either virtually or physically at the campus per appointment or per the academic schedule.

## Certification

On successful completion and verification by the Quality Assurance Partner of the programme, the student will receive a National Certificate in 3D Animation and Visual Effects by the MICT-SETA. Note that the process of issuing a Certificate might take up to three years to be finalised.

## International Certifications

Additional to the above students will be given the opportunity to acquire the following international certifications:

### Included in price:

- ▶ Adobe Certified Professional in Multiplatform Animation using Adobe Animate

### Students own account:

- ▶ AutoDesk Certified User: Maya
- ▶ Adobe Certified Professional in Visual Effects & Motion Graphics using Adobe After Effects

## Further Studies

**Students may pursue further studies at CTU by enrolling for the following:**

- ▶ National Certificate: Design Techniques, NQF 5, SAQA - 90721
- ▶ National Certificate: Interactive Media NQF 5, SAQA - 49121

## Career fields

**A student with a qualification in National Certificate: 3D Animation and Visual Effects can enter various career fields related to animation and visual effects:**

- ▶ 3D Animator
- ▶ Visual Effects Artist
- ▶ Motion Graphics Designer
- ▶ Game Animator
- ▶ 3D Modeler
- ▶ Previsualization Artist

These are just a few examples of the career fields that a student with a qualification in 3D Animation and Visual Effects can explore. The industry is dynamic and offers a wide range of opportunities across various sectors, including 3D Model/Texture Artist, film, television, gaming, advertising, architecture, and more.

## Pricing\*

Programme	Registration fee	Tuition fee
<b>3D Animation &amp; Visual Effects</b>	R9 000	R 75 438
<b>Adobe CC student yearly subscription</b>		<b>R4 255</b>

\* **Excludes external fees and identified textbooks if applicable.**

## Payment

Visit our website to view the payment method.

### [Payment Methods.](#)

### [APPLY for Student Loan \*\*HERE!\*\*](#)

## Additional costs

Students must make provision for additional items such as textbooks, stationery, supplementary examinations, research costs and printing, field trips etc.



## Disclaimer

The content of this fact sheet is subject to change without notification due to market trends in the industry, legislation and/or programme version updates. Refer to website for the latest version of the prospectus. Creative & Technology Universitas, a division of CTU Training Solutions (PTY) Ltd, reserves the right to change the programme content without prior notice. Additional international exams may be written but are not included in the programme fee. Minimum student (capacity) group sizes will fall into the Virtual Instructor-Led programme commencing in the months of February & July of each year.

I (Name of student):..... hereby acknowledge that I understand the information stated in this document and fully comprehend the specifics explained above pertaining to this qualification.

Student signature:.....

Signature of legal guardian:.....

Name of legal guardian:.....

Consultant signature:.....

Name of sales consultant:.....

Date:.....

**\* Please note the original signed copy should be kept on the student record file.**

## CONTACT US

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