

# NATIONAL DIPLOMA: PERFORMING ARTS TECHNOLOGY

Qualification code: NDUK01 - NQF Level 6

Campus where offered: Arts Campus (day classes)  
Last year of new intake: 2019  
Teach-out (phase-out) date: 31 December 2023

Students registered for this qualification should complete their studies according to the teach-out date prescribed for the qualification, subject to the stipulations of Regulation 3.1.11 and 3.1.13 in the Students' Rules and Regulations.

Information on phased-out programmes can be obtained from the TUT website, [www.tut.ac.za](http://www.tut.ac.za).

Key to asterisks:

\* Subject information does not correspond to information in Report 151.  
(Deviations approved by the Senate in August 2005.)

\*\* Textile Design IB is compulsory with any of these four subjects.

\*\*\* Subjects should be taken simultaneously.

## CURRICULUM

Consult the 2019 Faculty Prospectus for the full contents of the qualification.

**SUBJECTS PRINTED IN BOLD ARE NOT FOR REGISTRATION PURPOSES.**

### FIRST YEAR

| CODE           | SUBJECT                                    | CREDIT  | PREREQUISITE SUBJECT(S) |
|----------------|--|---------|-------------------------|
| <b>CDY110T</b> | <b>Communication Dynamics I</b>            |         |                         |
| CDY11PT        | Communication Dynamics:<br>Communication I | (0,008) |                         |
| CDY11QT        | Communication Dynamics: Computer I         | (0,008) |                         |
| CDY11RT        | Communication Dynamics: Writing I          | (0,009) |                         |
| SGT100T        | Stage Technology I                         | (0,150) |                         |
| THH100T        | Theatre History I                          | (0,022) |                         |

### FIRST SEMESTER

|         |  |          |  |
|---------|--|----------|--|
| DPT111T | Theory and Practice: Decor Painting IA | (0,071)  |  |
| KTS101T | Theory and Practice: Costume IA        | (0,071)  |  |
| LIG101T | Theory and Practice: Lighting IA       | (0,071)  |  |
| MUP111T | Theory and Practice: Make-Up IA        | (0,071)  |  |
| REK101T | Theory and Practice: Properties IA     | (0,071)  |  |
| SND101T | Theory and Practice: Sound IA          | (0,071)  |  |
| TDE10AT | Textile Design IA                      | (0,025)* |  |

### SECOND SEMESTER

**Two of the following subjects:**

|         |  |          |  |
|---------|--|----------|--|
| DPT121T | Theory and Practice: Decor Painting IB** | (0,176)* | Theory and Practice: Decor Painting IA |
| KTS101B | Theory and Practice: Costume IB**        | (0,176)* | Theory and Practice: Costume IA        |
| LIG111T | Theory and Practice: Lighting IB         | (0,176)* | Theory and Practice: Lighting IA       |
| MUP121T | Theory and Practice: Make-Up IB**        | (0,176)* | Theory and Practice: Make-Up IA        |
| REK111T | Theory and Practice: Properties IB**     | (0,176)* | Theory and Practice: Properties IA     |
| SND111T | Theory and Practice: Sound IB            | (0,176)* | Theory and Practice: Sound IA          |
| TDE10BT | Textile Design IB**                      | (0,000)* | Textile Design IA                      |



Please note that due to timetable constraints, it will not be possible to take Theory and Practice: Decor Painting IB and Theory and Practice: Sound IB simultaneously.

TOTAL CREDITS FOR THE FIRST YEAR: **1,000**

## SECOND YEAR

| CODE                                       | SUBJECT                                | CREDIT  | PREREQUISITE SUBJECT(S)                                     |
|--|--|---------|---|
| SGT200T                                    | Stage Technology II                    | (0,230) | Stage Technology I  |
| THH200T                                    | Theatre History II                     | (0,030) | Theatre History I   |
| <b>plus two of the following subjects:</b> |  |         |   |
| DPT210T                                    | Theory and Practice: Decor Painting II | (0,350) | Theory and Practice: Decor Painting IB<br>Textile Design IB |
| KTS200T                                    | Theory and Practice: Costume II        | (0,350) | Textile Design IB<br>Theory and Practice: Costume IB        |
| LIG200T                                    | Theory and Practice: Lighting II***    | (0,350) | Theory and Practice: Lighting IB                            |
| MUP210T                                    | Theory and Practice: Make-Up II        | (0,350) | Textile Design IB<br>Theory and Practice: Make-Up IB        |
| REK200T                                    | Theory and Practice: Properties II     | (0,350) | Textile Design IB<br>Theory and Practice: Properties IB     |
| SND200T                                    | Theory and Practice: Sound II***       | (0,350) | Theory and Practice: Sound IB                               |

### FIRST SEMESTER

AAD11AB Arts Administration IA (0,020)

### SECOND SEMESTER

AAD11BB Arts Administration IB (0,020)

TOTAL CREDITS FOR THE SECOND YEAR: **1,000**

## THIRD YEAR

| CODE                                  | SUBJECT                                 | CREDIT  | PREREQUISITE SUBJECT(S)                |
|---------------------------------------|---|---------|--|
| <b>Two of the following subjects:</b> |   |         |  |
| DPT310T                               | Theory and Practice: Decor Painting III | (0,350) | Theory and Practice: Decor Painting II |
| KTS300T                               | Theory and Practice: Costume III        | (0,350) | Theory and Practice: Costume II        |
| LIG300T                               | Theory and Practice: Lighting III****   | (0,350) | Theory and Practice: Lighting II       |
| MUP310T                               | Theory and Practice: Make-Up III        | (0,350) | Theory and Practice: Make-Up II        |
| REK300T                               | Theory and Practice: Properties III     | (0,350) | Theory and Practice: Properties II     |
| SND300T                               | Theory and Practice: Sound III****      | (0,350) | Theory and Practice: Sound II          |

### FIRST SEMESTER

AAD20AT Arts Administration IIA (0,020) Arts Administration IA  
Arts Administration IB

SGT301T Stage Technology III (0,230) Stage Technology II

THH301T Theatre History III (0,030) Theatre History II



## SECOND SEMESTER

|                                      |                         |              |                        |
|--------------------------------------|-------------------------|--------------|------------------------|
| AAD20BT                              | Arts Administration IIB | (0,020)      | Arts Administration IB |
| TOTAL CREDITS FOR THE THIRD YEAR:    |                         | <b>1,000</b> |                        |
| TOTAL CREDITS FOR THE QUALIFICATION: |                         | <b>3,000</b> |                        |

### SUBJECT INFORMATION (OVERVIEW OF SYLLABUS)

The syllabus content is subject to change to accommodate industry changes. Please note that a more detailed syllabus is available at the department or in the study guide that is applicable to a particular subject. On 18 October 2019, the syllabus content was defined as follows:

#### A

**ARTS ADMINISTRATION IA (AAD11AB)** **1 X 3-HOUR PAPER**  
*(Subject custodian: Department of Performing Arts)*  
Business skills, marketing and planning, entrepreneurship, managerial skills, database, legal procedures and policies, sponsors and self-management. Basic industrial relations. (Total tuition time: ± 28 hours)

**ARTS ADMINISTRATION IB (AAD11BB)** **PRACTICAL EVALUATION**  
*(Subject custodian: Department of Performing Arts)*  
Computer skills, safety and first-aid: level 2. (Total tuition time: ± 54 hours)

**ARTS ADMINISTRATION IIA (AAD20AT)** **1 X 3-HOUR PAPER**  
*(Subject custodian: Department of Performing Arts)*  
Business skills, marketing and planning, entrepreneurship, managerial skills, database, legal procedures, laws applicable to the theatre, contracts and policies, sponsors and self-management. Basic industrial relations. (Total tuition time: ± 30 hours)

**ARTS ADMINISTRATION IIB (AAD20BT)** **PRACTICAL EVALUATION**  
*(Subject custodian: Department of Performing Arts)*  
Computer skills, safety and first-aid: level 3. (Total tuition time: ± 46 hours)

#### C

**COMMUNICATION DYNAMICS: COMMUNICATION I (CDY11PT)** **PRACTICAL EVALUATION**  
*(Subject custodian: Department of Performing Arts)*  
Safety, first-aid: level 1. Communication skills. (Total tuition time: ± 15 hours)

**COMMUNICATION DYNAMICS: COMPUTER I (CDY11QT)** **PRACTICAL EVALUATION**  
*(Subject custodian: End User Computing Unit)*  
Students have to acquire theoretical knowledge (computing fundamentals) and practical skills as an end-user in operating systems and MS Office Suite applications (MS Word, MS Excel and MS PowerPoint) on an introductory level. Students will do online and computer-based tests. The modules are mapped with SAQA and IC3 Essential Skills for Digital Literacy (International certification). Open labs are available for additional practice time. (Total tuition time ± 40 hours)

**COMMUNICATION DYNAMICS: WRITING I (CDY11RT)** **PRACTICAL EVALUATION**  
*(Subject custodian: Department of Applied Languages)*  
Writing skills aimed at the industry. (Total tuition time: ± 19 hours)



**S**

**STAGE TECHNOLOGY I (SGT100T)** **1 X 3-HOUR PAPER**  
(*Subject custodian: Department of Performing Arts*)

Theatres in South Africa. Stage management. Technical installations. Stage. Decor. Safety. Technical drawing. (Total tuition time: ± 76 hours)

**STAGE TECHNOLOGY II (SGT200T)** **1 X 3-HOUR PAPER**  
(*Subject custodian: Department of Performing Arts*)

Production meetings. Stage management. Safety. Technical development of productions. Cost calculation and budgeting. Model building. (Total tuition time: ± 76 hours)

**STAGE TECHNOLOGY III (SGT301T)** **1 X 3-HOUR PAPER**  
(*Subject custodian: Department of Performing Arts*)

Theatre organisation. Planning and publicity. Applying practical skills for productions. Basics of scenic design. (Total tuition time: ± 52 hours)

**T**

**TEXTILE DESIGN IA (TDE10AT)** **PRACTICAL EVALUATION**  
(*Subject custodian: Department of Performing Arts*)

The study of textile techniques as applied to the textile and theatre industry. (Total tuition time: ± 36 hours)

**TEXTILE DESIGN IB (TDE10BT)** **PRACTICAL EVALUATION**  
(*Subject custodian: Department of Performing Arts*)

Historical development of textiles, application of basic skills, colour, basic art principles and design. (Total tuition time: ± 76 hours)

**THEATRE HISTORY I (THH100T)** **1 X 3-HOUR PAPER**  
(*Subject custodian: Department of Performing Arts*)

The origin and development of theatre. Greek to renaissance period. (Total tuition time: ± 19 hours)

**THEATRE HISTORY II (THH200T)** **1 X 3-HOUR PAPER**  
(*Subject custodian: Department of Performing Arts*)

Theatres in Europe. Technology. Influential people. (Total tuition time: ± 19 hours)

**THEATRE HISTORY III (THH301T)** **1 X 3-HOUR PAPER**  
(*Subject custodian: Department of Performing Arts*)

Egyptian and eastern theatres. Puppet theatre. (Total tuition time: ± nine hours)

**THEORY AND PRACTICE: COSTUME IA (KTS101T)** **PRACTICAL EVALUATION**  
(*Subject custodian: Department of Performing Arts*)

Costume and clothing history. Sewing skills. Basic pattern drafting and construction. (Total tuition time: ± 104 hours)

**THEORY AND PRACTICE: COSTUME IB (KTS101B)** **PRACTICAL EVALUATION**  
(*Subject custodian: Department of Performing Arts*)

Medieval to renaissance clothing. Pattern development. Costume construction and sewing skills. (Total tuition time: ± 208 hours)

**THEORY AND PRACTICE: COSTUME II (KTS200T)** **PRACTICAL EVALUATION**  
(*Subject custodian: Department of Performing Arts*)

Modern clothing. Costume construction. Sewing skills and pattern development. (Total tuition time: ± 561 hours)

**THEORY AND PRACTICE: COSTUME III (KTS300T)** **PRACTICAL EVALUATION**  
(*Subject custodian: Department of Performing Arts*)

Pattern development. Construction and sewing techniques for various costume genres. (Total tuition time: ± 583 hours)



|  |                             |
|--|-----------------------------|
| <b>THEORY AND PRACTICE: DECOR PAINTING IA (DPT111T)</b><br><i>(Subject custodian: Department of Performing Arts)</i>   | <b>PRACTICAL EVALUATION</b> |
| Drawing skills. Colour and elementary copying and decor-painting. (Total tuition time: ± 99 hours)   |                             |
| <b>THEORY AND PRACTICE: DECOR PAINTING IB (DPT121T)</b><br><i>(Subject custodian: Department of Performing Arts)</i>   | <b>PRACTICAL EVALUATION</b> |
| Decor painting. Colours and colour mixing. Elementary drawing techniques, tools and materials. (Total tuition time: ± 247 hours)   |                             |
| <b>THEORY AND PRACTICE: DECOR PAINTING II (DPT210T)</b><br><i>(Subject custodian: Department of Performing Arts)</i>   | <b>PRACTICAL EVALUATION</b> |
| Advanced copying and painting techniques. Styles and periods. Drawing skills and colour mixing. (Total tuition time: ± 612 hours)  |                             |
| <b>THEORY AND PRACTICE: DECOR PAINTING III (DPT310T)</b><br><i>(Subject custodian: Department of Performing Arts)</i>  | <b>PRACTICAL EVALUATION</b> |
| Designing skills. Advanced copying, painting and colour-mixing skills for stage, interiors and cinematography. (Total tuition time: ± 486 hours)   |                             |
| <b>THEORY AND PRACTICE: LIGHTING IA (LIG101T)</b><br><i>(Subject custodian: Department of Performing Arts)</i>   | <b>PRACTICAL EVALUATION</b> |
| Theatre safety and etiquette. Basic theatre lighting equipment and procedures. (Total tuition time: ± 36 hours)  |                             |
| <b>THEORY AND PRACTICE: LIGHTING IB (LIG111T)</b><br><i>(Subject custodian: Department of Performing Arts)</i>   | <b>PRACTICAL EVALUATION</b> |
| Implementing lighting and theatre safety. Basic electricity, electrical equipment. Lighting: practical work and production skills. (Total tuition time: ± 228 hours)                         |                             |
| <b>THEORY AND PRACTICE: LIGHTING II (LIG200T)</b><br><i>(Subject custodian: Department of Performing Arts)</i>   | <b>PRACTICAL EVALUATION</b> |
| Lighting equipment and effects. Work environments. Colour theory. Duties of the lighting technicians. (Total tuition time: ± 338,5 hours)  |                             |
| <b>THEORY AND PRACTICE: LIGHTING III (LIG300T)</b><br><i>(Subject custodian: Department of Performing Arts)</i>  | <b>PRACTICAL EVALUATION</b> |
| Projectors, laser, basic pyrotechniques. Lighting design productions. (Total tuition time: ± 286 hours)  |                             |
| <b>THEORY AND PRACTICE: MAKE-UP IA (MUP111T)</b><br><i>(Subject custodian: Department of Performing Arts)</i>  | <b>PRACTICAL EVALUATION</b> |
| Basic make-up techniques and colour use. Practical application. Make-up materials. (Total tuition time: ± 108 hours)   |                             |
| <b>THEORY AND PRACTICE: MAKE-UP IB (MUP121T)</b><br><i>(Subject custodian: Department of Performing Arts)</i>  | <b>PRACTICAL EVALUATION</b> |
| Theatre make-up. Hairstyling techniques. Fantasy and children's make-up. Headdresses. (Total tuition time: ± 228 hours)  |                             |
| <b>THEORY AND PRACTICE: MAKE-UP II (MUP210T)</b><br><i>(Subject custodian: Department of Performing Arts)</i>  | <b>PRACTICAL EVALUATION</b> |
| Hairstyles, beards and moustaches. Fashion and media make-up facial analysis and corrective make-up. Body-painting techniques. (Total tuition time: ± 483 hours)                             |                             |
| <b>THEORY AND PRACTICE: MAKE-UP III (MUP310T)</b><br><i>(Subject custodian: Department of Performing Arts)</i>   | <b>PRACTICAL EVALUATION</b> |
| Design and execution of special effects make-up. Special effects make-up. Pre-manufactured wounds and piece applications. Advanced hairstyling techniques. (Total tuition time: ± 371 hours) |                             |



|   |                                    |
|---|------------------------------------|
| <p><b>THEORY AND PRACTICE: PROPERTIES IA (REK101T)</b><br/> <i>(Subject custodian: Department of Performing Arts)</i><br/> Historical development of properties. Materials and techniques, modelling, carving and moulding. (Total tuition time: ± 153 hours)</p>   | <p><b>PRACTICAL EVALUATION</b></p> |
| <p><b>THEORY AND PRACTICE: PROPERTIES IB (REK111T)</b><br/> <i>(Subject custodian: Department of Performing Arts)</i><br/> Basic woodwork techniques. Hand puppets and their construction. (Total tuition time: ± 323 hours)</p>  | <p><b>PRACTICAL EVALUATION</b></p> |
| <p><b>THEORY AND PRACTICE: PROPERTIES II (REK200T)</b><br/> <i>(Subject custodian: Department of Performing Arts)</i><br/> Set, costumes, decorative properties. Modelling, carving, moulding, welding techniques. String puppet (marionette) construction. (Total tuition time: ± 600 hours)</p>               | <p><b>PRACTICAL EVALUATION</b></p> |
| <p><b>THEORY AND PRACTICE: PROPERTIES III (REK300T)</b><br/> <i>(Subject custodian: Department of Performing Arts)</i><br/> Interiors, furniture and architecture, trick properties. Carving and moulding techniques restoration. Robotics, electronics and animatronics. (Total tuition time: ± 462 hours)</p> | <p><b>PRACTICAL EVALUATION</b></p> |
| <p><b>THEORY AND PRACTICE: SOUND IA (SND101T)</b><br/> <i>(Subject custodian: Department of Performing Arts)</i><br/> Sound and sound equipment. Studio layout. Digital audio and sound. (Total tuition time: ± 36 hours)</p>   | <p><b>PRACTICAL EVALUATION</b></p> |
| <p><b>THEORY AND PRACTICE: SOUND IB (SND111T)</b><br/> <i>(Subject custodian: Department of Performing Arts)</i><br/> Advanced sound equipment. Processors, cabling and sound chain. (Total tuition time: ± 228 hours)</p>  | <p><b>PRACTICAL EVALUATION</b></p> |
| <p><b>THEORY AND PRACTICE: SOUND II (SND200T)</b><br/> <i>(Subject custodian: Department of Performing Arts)</i><br/> Multi-track recording. Analogue and digital mixing. System design. Sound operation. Editing and MIDI programming. (Total tuition time: ± 338,5 hours)</p>                                 | <p><b>PRACTICAL EVALUATION</b></p> |
| <p><b>THEORY AND PRACTICE: SOUND III (SND300T)</b><br/> <i>(Subject custodian: Department of Performing Arts)</i><br/> Loudspeakers. System designs. Live and studio recording and mixing. (Total tuition time: ± 286 hours)</p>  | <p><b>PRACTICAL EVALUATION</b></p> |

