

**National Vocational Certificate in Information and Communication Technology  
(Broadcasting) (Level 4)**

**NQF Level of qualification: 4**

**Total credits available: 75**

**Total credits required: 75**

	<b>Compulsory</b>	<b>Elective</b>
<b>level 1 credits available</b>	<b>10</b>	-
<b>level 3 credits available</b>	<b>19</b>	-
<b>level 4 credits available</b>	<b>46</b>	-
<b>Minimum Credit required</b>	<b>75</b>	-

**Registration date:** 30 July 2020

**Scheduled review date:** 30 July 2025

**Body responsible for the qualification:** Namibia Training Authority through the Post and Telecommunications Industry Skills Committee.

**Other bodies whose unit standards are included in the qualification:** None

## **1. Purpose**

This qualification recognises people who have the competencies required for performing broadcasting tasks. It is awarded to people who have demonstrated the skills and knowledge required to demonstrate an understanding of adding new services to conditional access systems, demonstrate an understanding of assembling connectors, audio, video and data cables, demonstrate an understanding of operational principles and circuit theory of satellite and digital television decoders, implement fault-finding techniques in electronic systems, perform user support on audio and video equipment in the broadcasting environment, demonstrate an understanding of broadcasting technology, demonstrate an understanding of lightning arrestors, demonstrate an understanding of broadcasting fundamentals, demonstrate introductory knowledge of circuit concepts and measurements for electronics, demonstrate and apply fundamental knowledge of analogue electronic circuits.

The entry requirement for this qualification is an ordinary level certificate or equivalent qualification and the ability to demonstrate basic computer skills, basic communication skills in the english language and basic numeracy. and or the National Vocational Certificate in Information and Communication Technology – Foundation (Level 2). This has been done in order remove barriers of formal educational prerequisites.

This qualification leads vertically to a national vocational certificate in Information and Communication Technology (Broadcasting) (Level 5) through participating in full time study at an accredited training provider or through RPL (Recognition of Prior Learning).

## 2. Regulations for the qualification

### 2.1 summary of qualification requirements

This qualification will be awarded to people who are credited with a minimum of 75 credits and have met the requirements of the compulsory section, as well as all requirements for Workplace Integrated Learning (WIL) as laid out in the National Policy On Work-Integrated Learning for Technical and Vocational Education and Training (TVET).

### 2.2 Detailed qualification requirements

#### Compulsory

*All the unit standards listed below are required.*

**Field:** Manufacturing, Engineering and Technology  
**Subfield:** Information and Communication Technology  
**Domain:** Broadcasting

Unit No.	Unit Standard Title	Level	Credits
2262	Demonstrate an understanding of adding new services to conditional access systems	4	9
2263	Demonstrate an understanding of assembling connectors, audio, video and data cables	4	8
2264	Demonstrate an understanding of operational principles and circuit theory of satellite and digital television decoders	4	6
2265	Implement fault-finding techniques in electronic systems	4	10
2266	Perform user support on audio and video equipment in the broadcasting environment	4	13
2259	Demonstrate an understanding of broadcasting technology	3	6
2260	Demonstrate an understanding of lightning arrestors	3	6
2261	Demonstrate an understanding of broadcasting Fundamentals	3	7

#### AND

**FIELD:** Manufacturing, Engineering and Technology  
**Subfield:** Electrical Engineering  
**Domain:** Electronics

Unit No.	Unit Standard Title	Level	Credits
2014	Demonstrate introductory knowledge of circuit concepts and measurements for electronics	1	3
2015	Demonstrate and apply fundamental knowledge of analogue electronic circuits	1	7

## 3. Credit recognition and transfer arrangements

Credits for any version of a unit standard of the same identification number will be recognised in the award of this qualification.

#### 4. Special arrangements

4.1 Providers seeking accreditation and registration to deliver this qualification must meet the following special arrangements

4.1.1 This qualification will be offered to trainees ***either*** including a 6 months period of **industrial/job attachment**, ***or*** as an **apprenticeship scheme** of a duration determined and agreed upon by the employer and the training provider on a ratio of 70/30 (70% at workplace and 30% at Training institution) basis.

**Industrial/job attachment** is defined as a period in a workplace setting where a trainee obtains structured practical experience in a specific occupation in order to complement competencies acquired during training at a technical vocational training provider (TVTP).

**Apprenticeship** refers to the system of work integrated learning, where an apprentice is employed by a company on contractual basis, earning a monthly salary, learning and working side-by-side with an experienced mentor. In this case the employer must be an NTA approved entity (company) to register apprentices and has to identify a suitable training provider to provide the apprentice with the opportunity to gain skills and knowledge from theoretical training.

Employers and training providers are encouraged to consult the **National Policy On Work-Integrated Learning (WIL) for Technical and Vocational Education and Training (TVET) Sector** for further details on WIL implementation.

4.1.2 Providers involved in the assessment of this qualification and the associated unit standards must comply with the national assessment arrangements for the VET system up to and including level 5 of the Namibia Qualifications Framework. Assessment will include performance and achievement assessment acquired through work integrated learning period. Assessment arrangement apply to all occupations and industries which are encompassed in the technical vocational education sector.

4.1.3 Providers of this qualification and the associated unit standards must be registered and /or accredited.

4.1.4 Providers of this qualification and their associated unit standards must have access to all equipment and facilities detailed in the tools and equipment list for the of the relevant training program.

4.2 Competencies covered in this qualification may be assessed through Recognition of Prior Learning (RPL).

4.3 Further relevant information and documentation may be accessed through:

**Namibia Training Authority**  
10 Rand Street  
Khomasdal  
Namibia  
Telephone number: 061 207 8550

Facsimile number: 061 207 8551

## **5. TRANSITION ARRANGEMENTS**

### **5.1 Non National Qualifications Framework transition**

None

### **5.2 National Qualifications Framework transition**

This is the first version of this qualification.