

# WINTERS

CK Reg. No: 2004/035165/23

**TRADESMAN'S TECHNICAL TUITION  
School of  
Refrigeration and Air Conditioning**

**COURSE PROSPECTUS 2018**



**merSETA**

MANUFACTURING, ENGINEERING  
AND RELATED SERVICES SETA

MersetA accreditation No: 17-QA/ACC/0643/11

# WINTERS

CK 2004/035165/23 • VAT No 4890215553

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## PROSPECTUS

Winters Tradesman's Technical Tuition (WTTT) is a private technical institution that presents best practice, practical skills training in Domestic, Commercial and Electrical wiring applied to Refrigeration and Air Conditioning.

WTTT identifies and assesses knowledge and skills in accordance with the needs of the industry. A certificate of competence will be issued to students who achieve WTTT's theoretical and practical assessments. WTTT strives to deliver top class training to every student. WTTT also offers trade test preparation.

Our trainers are experienced and qualified. We train in accordance to the tried and tested principles of Competency Based Modular Training (CBMT), used in the training of apprentices, however, we offer unit standard training based in line with the related seta (merseta).

WTTT has modern training facilities on refrigeration and air-conditioning.

Our philosophy is to empower each learner with employable skills. We encourage individuals to learn and contribute to our society an employable worker of our time.



## TRAINING ITINERARY

### Full time Apprenticeship Institutional Training

Training Duration	06 Months (The Training duration may be altered as per the client's needs i.e. two sets of 3 months training)
Training Times	Monday – Thursday 08H00 – 16H00
Cost	<b>R6400</b> per month (Excl. VAT)
Tools	The cost for the tools and related instruments will be billed separately as per the learner's requirements.

Apprentices will provide for themselves:

- Safety Shoes
- Overall

### Target Population / Pre-requisites

#### Apprenticeship

- Any individual with passion and interest and able to read and write may enroll for apprentice institutional training. However, it would be advantageous that:
- Such individuals are having a company where they will be able to do their on – job training.
- Have completed Grade 12 with Mathematics and Science.
- Have completed a Technical College Refrigeration Trade theory or electric technology

### Refrigeration and Air-conditioning Courses

Those interested in these training, should be

- individuals who can read and write
- Must have industry experience or currently working in the refrigeration industry.
- It is advantageous if the candidate has a technical background.

### **Refrigeration and Air-conditioning Courses**

<b>Full Time Courses</b>	<b>Part Time Courses:</b>	<b>Evening Classes:</b>
Tuesday to Thursday	Saturdays	<b>ON NEED BASIS</b>
08:00am to 16:30pm	9:00am to 14:00pm	18:00pm to 20:00pm

Learners will be issued with books (manuals).

Learners must bring their own **SAFETY SHOES and OVERALLS**

**WTTT** is a merSETA accredited for NQF level 2 in Air conditioning and Refrigeration  
**WTTT** is workplace approved for NQF level 2 - 4

### **MerSETA REGISTERED SKILLS PROGRAMME**

**Basic Electrical Installation (Air Conditioning and Refrigeration) – SP 0738/13-17**

**Air-Conditioning, Refrigeration and Ventilation Plant cleaner – SP 0775/13-17**

**Basic Pipe Jointing in ventilation, Air-Conditioning & Refrigeration – SP 0710/12-17**

**Basic Refrigeration and Air Conditioning Maintainer – SP0674/12-17**

**Basic Refrigeration Electrician – SP 0295/09-17**

**Basic Refrigeration Maintainer – SP 0671/12-17**

**Basic Refrigeration Repairer – SP 0285/08-17**

**Basics of Air Conditioning and Refrigeration – SP 0748/13-17**

**Domestic Refrigeration System Repairer – SP 0296/09-17**

## SAQA UNIT STD NQF LEVEL 2

### INDUSTRY RELATED TRAINING SKILLS PROGRAMMES

*NB!!! All our courses includes a comprehensive safety module training programme*

#### **DR-1 DOMESTIC REFRIGERATION MECHANICAL & ELECTRICAL WIRING APPLIED TO DOMESTIC REFRIGERATION**



	FULL TIME	PART TIME
Price	R8508.00 (Excl. VAT) + R600 Reg. Fee	R8508.00 (Excl. VAT) + R600 Reg. Fee
Duration	4 WEEKS	12 WEEKS
Training times	EVERY TUESDAY -THURSDAY	EVERY SATURDAY

#### **Modules**

Module Name	Standard	NQF Level
<b>1.Safety</b>	116223	2
<b>2.Introduction to Refrigeration</b>	116334, 116355	2
<b>3.Fundamentals to refrigeration</b>	166232, 116243	2
<b>4.Study of compression systems</b>	262177	2

<b>5.Refrigerants and installing small hermetic systems</b>	116230	2
<b>6.Troubleshooting-freezer</b>		2
<b>7.Electrical wiring of domestic refrigeration system</b>	116244, 116236	2

**NB:** Every module will cover the practical skills and knowledge necessary associated with the standard given in the table.

## CR-2 COMMERCIAL REFRIGERATION MECHANICAL



	FULL TIME	PART TIME
Price	R8550.00 (Excl. VAT) + R600 Reg. Fee	R8550.00 (Excl. VAT) + R600 Reg. Fee
Duration	4WEEKS	12 WEEKS
Training times	EVERY TUESDAY - THURSDAY	EVERY SATURDAY

### Modules

Module Name	Standard	NQF Level
<b>1.Safety</b>	116223	2
<b>2.1 Introduction to commercial refrigeration</b>	116230	2

<b>2.2 Electrical wiring of domestic refrigeration system</b>		
<b>3. Commercial system application</b>	166355	2
<b>4. Servicing &amp; installing commercial systems</b>	116299	2
<b>5. Electrical wiring of commercial refrigeration system</b>		2

**NB:** Every module will cover the practical skills and knowledge necessary associated with the standard given in the table.

#### **EW-4 ELECTRICAL WIRING APPLIED TO COMMERCIAL REFRIGERATION**

	FULL TIME	PART TIME
Price	R7416.00 (Excl. VAT) + R600 Reg. Fee	R9870.00 (Excl. VAT) + R600 Reg. Fee
Duration	4WEEKS	12 WEEKS
Training times	EVERY TUESDAY - THURSDAY	EVERY SATURDAY

#### **Modules**

<b>Module Name</b>	<b>Standard</b>	<b>NQF Level</b>
1.Safety	116223	2
2. Installation and maintenance for Air conditioning, Refrigeration and ventilation	116243	2
3. Air conditioning, Refrigeration electrical circuits and ventilation	116244	2
4. Design of switchboard for commercial system		2
5. Wiring and setting of refrigeration controls		2

6. Troubleshooting		
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**NB:** Every module will cover the practical skills and knowledge necessary associated with the standard given in the table.

### AC-3 AIR CONDITIONING & ELECTRICAL WIRING APPLIED TO AIR CONDITIONING



	FULL TIME	PART TIME
Price	R9870.00 (Excl. VAT) + R600 Reg. Fee	R9870.00 (Excl. VAT) + R600 Reg. Fee
Duration	4WEEKS	12WEEKS
Training times	EVERY TUESDAY - THURSDAY	EVERY SATURDAY

### Modules

Module Name	Standard	NQF Level
1.Safety	116223,116246	2
2. Introduction to Air conditioning:	116696	2
3. Fundamentals to Air conditioning	166233	2
4. Troubleshooting and controls	116226	2
5. Hand skill and installing small.	116245,116243	2



Medium and large air cons		
6. Study of air conditioning system	116245,116243	2

**NB:** Every module will cover the practical skills and knowledge necessary associated with the standard given in the table.

## **MerSETA REGISTERED SKILLS PROGRAMME**

**Air Conditioning Installer – SP 0296/09-17**

**Basic Electrical Installation – SP 0738/13-17**

**Basics of Air Conditioning and Refrigeration – SP 0748/13-17**

**Work Safely with Air Conditioning Equipment – SP 0161/07-17**

## **TECHNICAL ASSESSMENT**

Anyone intending to attempt a trade test may do a technical assessment to determine his readiness to do a trade test. The gap identified after assessment will be closed by a structured training programme agreed to with the candidate

Cost	R1950 (Excl. Vat)
Duration	2 Days

## **Payment Procedure**

WTTT does not accept any cash payments on the premises. All payments must be paid directly into our bank account prior to enrollment. All course fees must be paid in full before competence certificates may be issued.

**REGISTRATION FEE IS NON-REFUNDABLE**

**PAYMENT OF 60% OFF THE FEES MUST PAID BEFORE  
A STUDENT COMMENCES THEIR CLASSES!!**

**WTTT's BANK ACCOUNT:**

Bank	<b>ABSA Bank</b>
Branch code	<b>632005</b>
Account number	<b>407 122 4998</b>
Account Name	<b>Winters Tradesman's Technical Tuition</b>
Account type	<b>Cheque Account</b>