This is the Structure of the MDVP Maintenance Technology program:

Vocational component (34 Weeks / 170 education & training days)

Module 1:
Electrical Installations: Foundations in Electrical Systems
(Beginner Level – 20 days)

Electric and Automation Systems Maintenance skills area

Module 2:
Relay Logic/Motor Control – Basics
(Beginner Level – 20 days)

Module 3:
Earthing Systems and Protection Topics
(Beginner Level – 5 days)

Module 4:
Data Networks
(Beginner Level – 5 days)

Module 6:
Relay Logic/Motor Control
(Intermediate Level – 20 days)

Module 5:
Electrical Installations
(Intermediate Level – 15 days)

Module 9:
Building Automation (Lighting etc.)
(Intermediate Level – 7 days)

Module 15:
Capstone Project
(14 days)

Module 12:
Water and Drainage
(Beginner/Proficient Level – 20 days)

Water/Sanitation, Heating & Ventilation Systems Maintenance skills area

Module 7:
Building Automation – Basic HVAC Systems
(Beginner Level – 6 days)

Module 14:
Heat Pumps – Installation & Service
(Beginner/Proficient Level – 8 days)

Module 13:
Ventilation
(Beginner/Proficient Level – 7 days)

Module 8:
Customer Service – Internal/External
(Intermediate level - 5 days)

Additional skills areas

Module 10:
Electrical Grid – Present & the Future
(Proficient level - 13 days)

Module 11:
Personal Safety
(Certification subjects - 6 days)

Individual, combined theoretical & practical vocational component final examination project assignment

Personal Growth & Leadership (PGL) component (4 Weeks / 20 training & coaching days)

Module 1:
Preparing for Denmark
(3 days)

Delivered during preliminary training week in Pretoria/SA

Module 2:
Communication & Presentation Skills
(4 days)

Module 3:
Personal & Professional Values
(4 days)

Module 4:
Entrepreneurship
(4 days)

Module 5:
Reflective Learning Approach
(3 days)

Module 6:
Final PGL Presentation
(2 days)

Individual PGL component final examination assignment

See the Downloadable **Education Plans** for detailed goals and contents of each component and each of its Modules
- and the downloadable **Study Plan and Calendar** for an overview of program activities during the full 38 weeks of education, training & coaching.