



Security Installer Crash Course Info Pack



012 653 1005



training@securitywarehouse.co.za



061 745 2330

WHO SHOULD DO THIS COURSE?

This course is for **YOU** if you are a beginner with a basic interest or foundational knowledge in security installations.

TRAINING PHILOSOPHY

Our programmes focus on technical configuration, programming, and system demonstration. We provide hands-on training for device integration and set-up, please note that we do not cover manual site preparation such as pulling cables through roofs or installing brackets etc.

Course 1: Network Basics

Level: Beginner.

Duration: 1 Day.

Requirements: Basic computer knowledge.

Curriculum Includes:

Understanding basic networks including LAN and WAN.

Transmission media, switches, and routers/modems.

Power over Ethernet (POE) and surge protection.

Basic network CCTV camera troubleshooting.

Course 2: Access Control

Level: Beginner.

Duration: 2 Days.

Requirements: Basic computer knowledge.

Curriculum Includes:

Day 1 (Theory): Concepts of access control, system architecture, and hardware devices.

Day 2 (Practical): Wiring of units, set-up of standalone units and controllers, software configuration, enrollment of users, and defining access levels

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Course 3: IDS Alarm Systems (Intrusion Detection)

Level: Beginner.

Duration: 2 Days.

Requirements: None.



Curriculum Includes:

Theory: Identifying basic components for intrusion and fire detection for both wired and wireless systems

Practical: Basic programming of the control panel.

Course 4: Gate and Garage Basics

Level: Beginner.

Duration: 1 Day.

Requirements: None.



Curriculum Includes:

Hardware Focus: Installation and configuration of Centurion Systems D3, D5, D5 EVO, and Centurion garage door operators.

Theory: Introduction to terminology, installation, programming, and functions.

Practical: Connecting equipment and diagnostic fault-finding.



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Course 5: Electric Fencing

Level: Beginner.

Duration: 1 Day.

Requirements: None.



*Not a COC qualification

Curriculum Includes:

Theory: Introduction to brackets, accessories, wires, and energiser set-up. Coverage includes networked energisers for control zoning and solar power solutions.

Standards & Law: Learning the SANS standard installation requirements and the new Electric Fence Law to become a Certified Installer.

Practical: Programming an energiser, using a fence scope, and compiling a Bill of Materials (BOM).

Course 6: Fibre Optics

Level: Intermediate (Connectivity solution for longer distances)

Duration: 1 Day.

Requirements: Basic computer and network knowledge (Prior Basic Networking course done during the crash course will be sufficient).

Curriculum Includes:

Theory: Types of fibre cable, cable losses, and installation guidelines.

Practical: Mock-up of Ethernet converters and fibre cable, including analogue video and data TX/RX configurations. Mechanical Splicing included.



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Course 7: CCTV Module 1 (Basics)

Level: Beginner.

Duration: 3 Days.

Requirements: Basic Computer Knowledge.



Curriculum Includes:

Theory: Direct current, alternating current, and semi-conductors.

CCTV terminology, methodology, how to do a professional quote.

Installations tips, law regarding installations, pricing, and sales techniques

Practical: Tool uses, cameras set-up, check list, basic fault-finding, and compiling CCTV quotes.

Course 8: Gate & Garage Advanced

Level: Advanced

Duration: 1 Day.

Requirements: 1 year of installation experience or completion of the Basics course.



Curriculum Includes:

Hardware Focus: Centurion Systems: D10, D10 Turbo, D5 Smart, Vantage swing gates, remotes, and G-Ultra.

Nice Gate Motors: Drive series (Drive 300, Drive 500/600, and Drive 1000).

Theory & Practical: Advanced terminology, programming, fault-finding, and connecting complex accessories





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General Information

- Total Duration: 12 Days (Includes 10 weekdays and 2 Saturdays).
- Daily Schedule: 08:30 – 16:00.
- Assessment: Each course within the programme concludes with an open-book test to verify competency in both theory and practical application.

What is provided and Included?

To ensure our students can focus entirely on their training, we provide the following:

- Comprehensive Handbooks: Detailed reference guides for every module.
- Specialised Tools: All tools required for practical training sessions are provided.
- Stationery: A pen for taking essential technical notes.
- Catering: Lunch and refreshments are provided throughout each day.

Certification Details

Upon successful completion of a course, delegates will receive a certificate and an installer card identifying them as a Security Warehouse-certified installer.