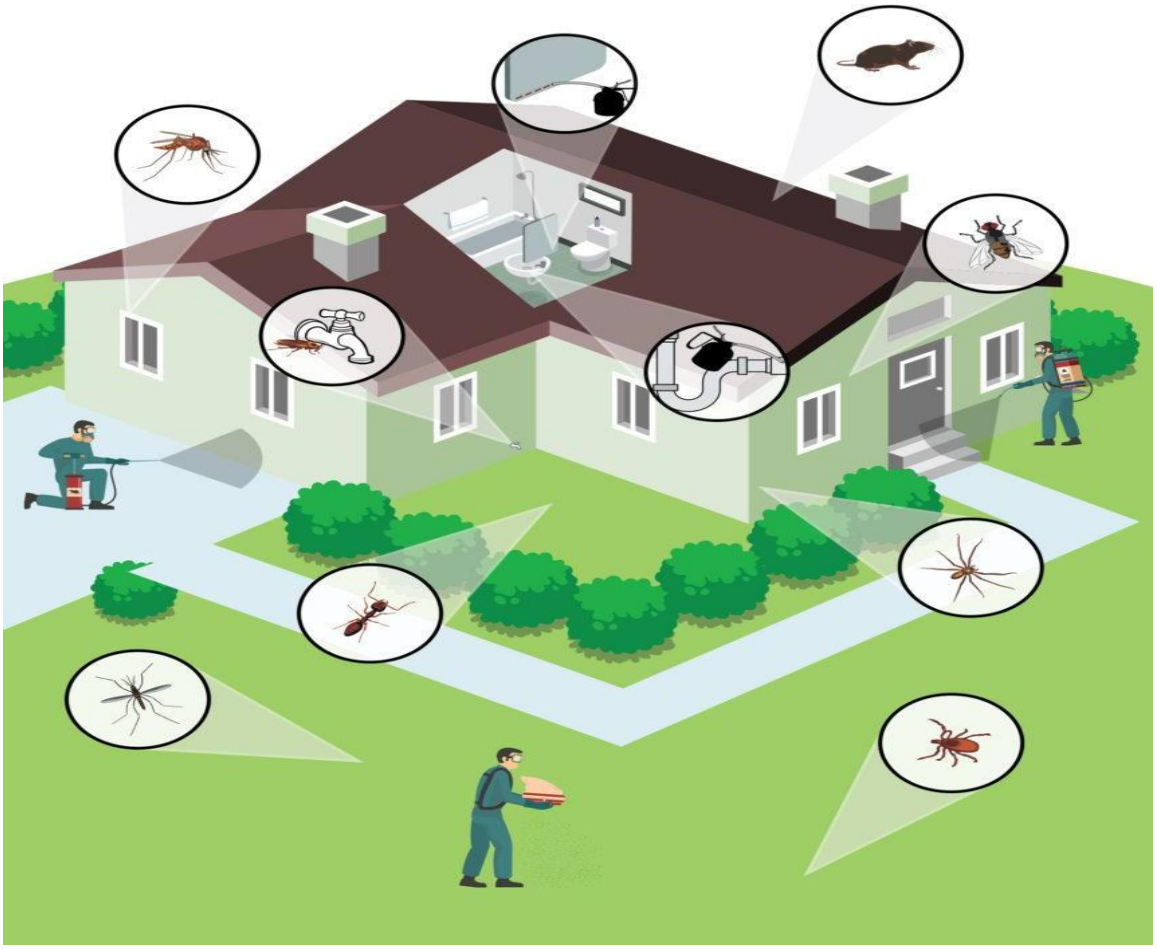
PEST CONTROL INDUSTRIES TRAINING ACADEMY COURSE BROCHURE

PCITA NQF5 Pest Management Qualification



Course Brochure

Pest Control Industries Training Academy

1. PCITA Distance Learning Course

The Pest Control Industries Training Academy (PCITA) is offering NQF Level 5 Distance Learning Courses for Pest Management Officer.

What Courses are Available?

PCITA is offering the following Five (5) Specialized Pest Management Courses:

- SKM201: Fumigation Management
- SKM202: Stored Agricultural Pest Management
- SKM203: Wood Destroying Organism Management
- SKM204: Weed and Invader Plant Management
- SKM205: Structural Health and Nuisance Pest Management
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1.1 What Course Material is Supplied?

For each specialized pest management course, the following material is supplied:

- Seven (7) **mandatory** generic modules (GKM101 to GKM107) that form the foundation for each specialised pest management course. These seven modules must be completed before commencing with a specialised SKM module.
- One (1) SKM Module, selected according to the specialised pest management field that the student wishes to qualify in.
- 6 Assignments will be sent to the student when all study guides are sent with, WE TRF

  Platform. This will also form a part of the POE
- One (1) workbook that accompanies the GKM101 to GKM107 generic modules for student's own resources.
- One (1) workbook that accompanies the selected specialized SKM module for student's own resources.

1.2 What Fees are Applicable?

Description	Fees for 2026
Complete Course - 7 generic modules (GKM 101 – 107) with one specialized SKM module	**R5,300.00**
Practical assessment **or** re–assessments	**R1,600.00**
Additional Specialized SKM Module (After completion of first full course) Should a student want to add another field	**R3,500.00**

2. Course Content

As mentioned, each course will consist of the **seven mandatory generic modules** (GKM101 to GKM107) and **a SKM module covering a specialised field of pest management**. Let's now take a brief look at what is required of students after successful completion of each module.

2.1 Generic Modules (GKM101 to GKM107) This is a broad spectrum of what a PCO must learn in the industry.

GKM101: The Regulatory Framework of The Pest Management Industry

After successful completion of this study unit students should be able to demonstrate understanding of the legislative requirements created by Act 36 of 1947 and the applicable national standards that regulate the pest management industry; the Occupational Health and Safety Act; and the objectives and benefits of the South African Pest Control Association.

GKM102: Pesticides and Safety Practices

After successful completion of this study unit students should be able to demonstrate understanding of pesticide classifications and formulations, label and labelling essential safety information, and factors leading to pesticide resistance; pesticide hazards and harmful effects; safe pesticide storage practices; safe transportation of pesticides; safety practices prior to pesticide application; safety practices during pesticide application; and safety practices after pesticide application.

GKM103: Inspection Principles and Procedures

After successful completion of this study unit students should be able to describe the procedures for the inspection of sites or structures for the presence of pest infestations; their damage or potential damage; vulnerabilities enabling pest infestations; and to recommend a method of prevention or remedial treatment. The inspection is a vital step in the pest management decision-making process where the information gathered helps to determine if treatment is needed, which possible tactic or combination of tactics will address the problem and the timing of a proposed intervention.

GKM104: Biology, Damage Patterns, and Identification of Pests

After successful completion of this study unit students should be able to apply knowledge of the biology and damage patterns of pests in order to accurately identify pests and/or recognize signs of pest infestation. Accurate identification and, in most cases, determination of the life cycle stage of the pest is vital to the decision-making process relating to the pest management strategy and chemical or other remedy selection in order to effectively and efficiently combat pests.

GKM105: Pesticide Application Equipment

After successful completion of this study unit students should be able to demonstrate understanding of the various types of application equipment and their advantages and disadvantages; the set-up and preparation of basic pesticide application equipment; the operation of basic pesticide application equipment including the calibration and correct use thereof, and the required health, safety and environmental protection measures; and the cleaning, maintenance and storage of application

equipment.

GKM106: Pest Management Principles, Planning and Monitoring

After successful completion of this study unit students should be able to demonstrate understanding of pest management principles and strategies, the pest management planning process and the pest monitoring and evaluation process required to select, plan and prepare for a pest management intervention that will be most effective and will cause the least harm to people, non-target organisms and the environment in accordance with legislative and company requirements.

GKM107: Customers Service and Teamwork

After successful completion of this study unit students should be able to demonstrate understanding of the importance of the customer, the delivery of excellent customer service, specific positive behavioral characteristics, and effective communication skills when dealing with customers; teams in the workplace, what is expected of individual team members, how to work effectively with other team members and what kind of pitfalls to look out for, in order to build long-term relationships that are beneficial to both the organization and the customer.

2.2 Specialised Modules (SKM201 to SKM205)

SKM201: Fumigation Management

After successful completion of this study unit students should be able to demonstrate understanding of pest fumigation principles and applicable legislation; the biology, identification and damage patterns of structural pests; the biology, identification and damage patterns of stored agricultural pests; the characteristics of fumigants and external factors that affect fumigant performance, the physical and chemical effects of fumigants, and fumigant dosages and concentrations; the safety and health precautions, toxicity of fumigants, symptoms of poisoning and first-aid treatment; the appropriate application equipment, protective clothing and equipment and gas monitoring and detection equipment. Students should be able to demonstrate understanding of the physical and chemical properties of fumigants used in South Africa; the procedures for fumigation inspection, structure measurement and the determination of volume and dosages; preparation for a fumigation in terms of legislation and local municipal regulations, and the preparation of the fumigation area; and the procedures for fumigation of residences, warehouses, containers, commodities in railway trucks. Ships, chambers, and various other storage modes.

SKM202: Stored Agricultural Pest Management

After successful completion of this study unit, students will be able to demonstrate an understanding of the principles of stored product pest management and relevant legislation, as well as the biology, identification, and damage patterns of pests affecting stored agricultural commodities such as grain, seeds, and processed products. Students will gain knowledge of the sources and causes of infestation in storage facilities, including silos, warehouses, and transport systems, and will be equipped to carry out effective inspection procedures for stored products and storage environments. The module also covers preventative measures such as sanitation, stock rotation, and environmental control, along with monitoring techniques including sampling and trapping methods. In addition, students will learn about appropriate control methods, including both chemical (fumigation and residual treatments) and non-chemical approaches, the safe handling and application of pesticides in stored commodity environments, and the importance of maintaining quality, hygiene, and compliance with food safety standards.

SKM 203: Wood Destroying Organism Management

After successful completion of this study unit students should be able to demonstrate understanding of the legal implications associated with the inspection and management of wood-destroying organisms; the characteristics of timber and timber used in building construction; the identification of wood-destroying organisms; the preventive and corrective termite management processes; the treatment processes for other wood-destroying insects; the treatment processes for wood-damaging fungi; and the wood-destroying organism inspection principles and processes.

SKM204: Weed and Invader Plant Management

After successful completion of this study unit students should be able to demonstrate understanding of the concepts and principles of weed and invader plant control; the relevant legislation; the classification and distribution of weeds; the identification characteristics of broadleaves, grasses and sedges; the classification of herbicides according to their general mode of action and usage; weed management in turfgrass; woody plant, tree and stump management; road, power line and rail reserve vegetation management; aquatic weed management; herbicide application equipment and control systems; and the impact of herbicides on health, safety and the environment.

SKM205: Structural Health and Nuisance Pest Management

After successful completion of this study unit students should be able to demonstrate understanding of the factors that influence a successful pest management operation; the significant impact that pests have on public health; the specific needs and/or rules pertaining to pest management operations in sensitive or special accounts; the processes and procedures applicable to the management of a range of health and nuisance pests; the role of pest management in the food industry; the pre-requisite nature of pest management in a HACCP programme; the control methods applied in food manufacturing/warehousing establishments; and the control methods applied in retail food establishments in accordance with legislative and operational requirements. Covid – 19 Standard Operating Procedures for Cleaning and Disinfecting Surfaces.

3. Course Process Requirements

Course Manuals and Workbooks

Students are required to study the course material and complete the 6 x assignments that are included. The study guides are sent via: WETRF - students need to save this to their device within 7 days for further use or to print the books.

Practical Work Experience

Students are required to work under supervision of a P-registered Pest Management Officer (Mentor), experienced in the relevant field of pest management, for a minimum period of 6 months or 12 months respectively, depending on the specialized field of pest management for which they have enrolled.

It is advisable that the student does his practical supervision while doing the course.

Course Duration

Students can complete the course in their own time. We recommend not longer than 6 months.

Practical Assessment

Students shall, upon completion of the course material and the required minimum period of work experience, apply to PCITA to undergo a practical assessment. Contact PCITA once all paperwork and POE are ready to be submitted.

The assignments must be completed by the student prior to the practical assessment. The **assignments must be forwarded to the PCITA** offices **by the cut-off dates** before commencement of the practical assessment.

The following list stipulates the items that students must have in their Portfolio of Evidence when they wish to book a Practical Assessment: POE

a) Copy of ID for student and supervisor certified

b) Logbook: Details of L number products used for different treatments – A sample of the logbook is sent to the student with the assignments.

c) All Logbook reports and work done by the student must be signed off by the supervising pest management officer

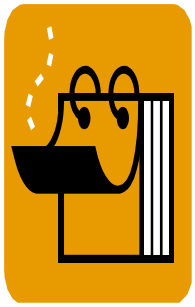
d) Report by the pest management officer (mentor) who supervised the student

e) Certified affidavit from the mentor, confirming the supervision

f) The student must also attach a copy of the P-registration certificate of the qualified pest management officer under whose supervision he/she has worked to the Portfolio of Evidence

In the event of a student **not** being found competent he/she must register for a re- assessment at the applicable fee.

4. Registration as Pest Management Officer



Students may, upon production of the Certificate of Competence issued by the PCITA and the duly signed and stamped Work Experience Log (Record), apply for registration as a Pest Management Officer with the Registrar: Act No 36 of 1947. Applications, together with all the relevant documentation, must be handed in to:

The Registrar: Act No 36 of 1947

Pretoria

P number application forms are available from

PCITA website. www.pcita.org.za