

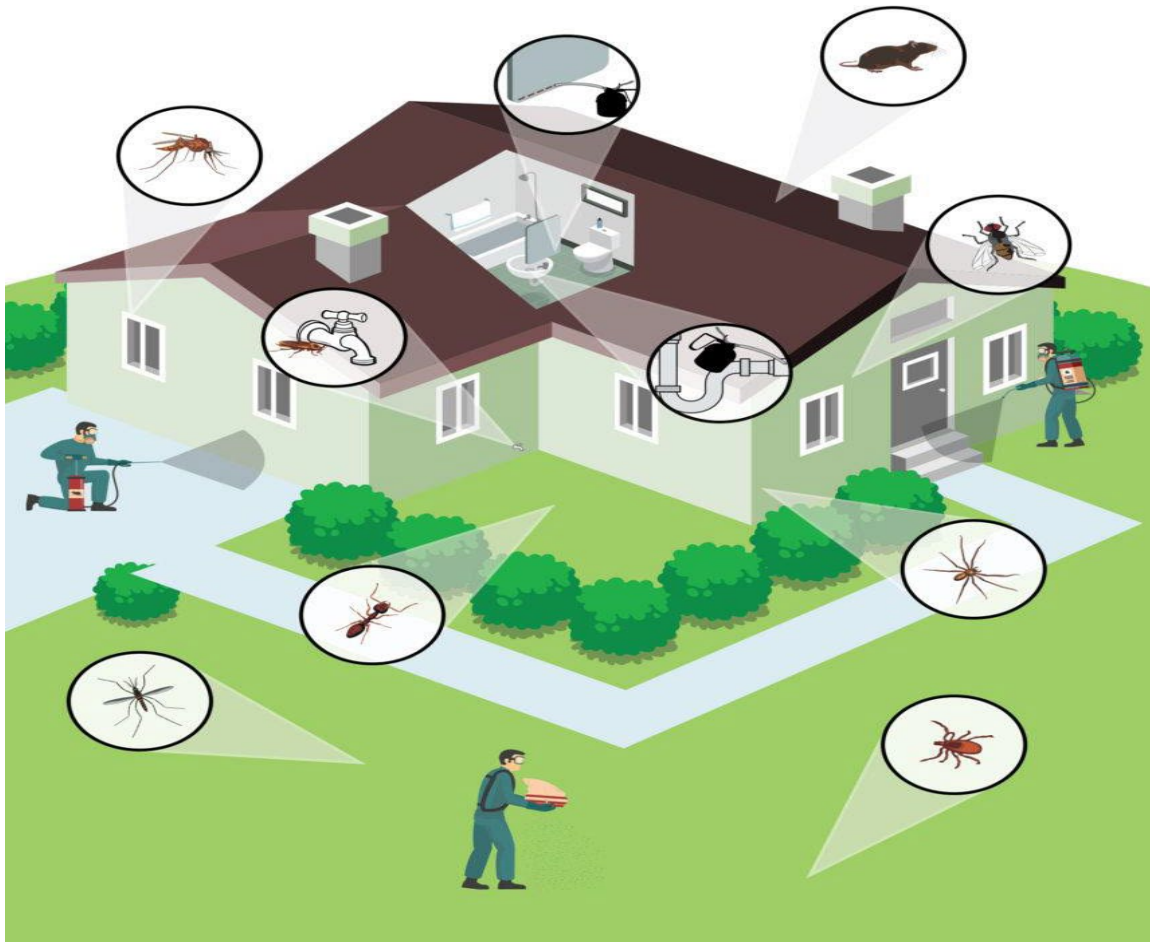


PEST CONTROL INDUSTRIES TRAINING ACADEMY COURSE BROCHURE



PCITA NQF5 Pest Management Programme / Qualification

CPD ACCREDITED



Course Brochure

Pest Control Industries Training Academy

1. PCITA Distance Learning Courses



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) Specialised Pest Management Courses:

- SKM201: Fumigation Management
- SKM203: Wood Destroying Organism Management
- SKM204: Weed and Invader Plant Management
- SKM205: Structural Health and Nuisance Pest Management

(See attached registration form)



1.1 What Course Material is Supplied?

For each specialised pest management course, the following course 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. Study guides are sent on WE TRF Platform. This will also form a part of the Portfolio of Evidence (POE).
- One (1) workbook that accompanies the GKM101 to GKM107 generic modules for student's own resources.
- One (1) workbook that accompanies the selected specialised SKM module for student's own resources.

1.2 What Fees are Applicable?

Description	Fees for 2023
Complete Course - 7 generic modules (GKM 101 – 107) with one specialised SKM module	R5,300.00
Practical assessment <u>or</u> re-assessments	R1,600.00
Additional Specialised 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 recognise 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 behavioural 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 organisation and the customer.

2.2 Specialised Modules (SKM201 to SKM205) CPD ACCREDITED

SKM201: Fumigation Management (12 CPD POINTS)

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.

SKM 203: Wood Destroying Organism Management (12 CPD POINTS)

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 (12 CPD POINTS)

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 plants, 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 (12 CPD POINTS)

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. 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: WE TRF -

Students need to download and 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 specialised field of pest management for which they have enrolled.

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

Course Duration

Students can complete 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 Portfolio of Evidence (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 log book 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 (PCO P Number)
- 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 complete the Portfolio of Evidence

In the event of a student **not** being found competent he/she will, later, have to 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

Tel: 012 654 7708
 Cell: 083 294 8066
 Web: www.pcita.org.za
 Email: finance@pcita.org.za
 Sophia Molatodi

Pest Control *Industries* Training Academy

NQF5 Distance Learning Course Registration

Pest Management Officer

CPD ACCREDITED

Quick survey: Where did you hear of PCITA.....

Please ensure that you have read the applicable course brochure before filling out the registration form

Student Details:

Name:								
Surname:								
Indicate the following with an X in the appropriate box.								
Title:								
Race:	Black		White		Coloured		Indian	Other
Disability: Please indicate clearly:								
ID Number:								
Age:								
Sex:	Male				Female			
E-mail Address:							Tel:	
Please attach a copy of your ID along with registration.								

Details of Person/Company responsible for payment:

Name / Company								
Physical Address:								
							Code:	
Tel:								
Cell No:								
E-mail Address:								

Other Information:

Highest Qualification obtained:								
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Course Details:

Please note that modules GKM101 to GKM107 are compulsory units and students are therefore only required to select one of the specialised SKM modules from the list provided below. If this is a first registration.

Please indicate the appropriate specialised module with an X

1. Study guides will be sent via WeTransfer files. Please download and save the content to your device for future use. Student can print workbooks for own resources. The 6 assignments need to be completed by student.
2. Study guides to be ordered at an extra cost of R500 – Printing Only
(Student will arrange his/her own collective mode- PostNet, Courier, Other)

GKM101	The regulatory framework of the Pest Management Industry	X
GKM102	Pesticides and Safety Practices	X
GKM103	Inspection Principles and Procedures	X
GKM104	Biology, Damage Patterns, and Identification of Pests	X
GKM105	Pesticide Application Equipment	X
GKM106	Pest Management Principles, Planning and Monitoring.	X
GKM107	Customer Service and Teamwork	X
SKM205	Health and Nuisance Pest Management 12 CPD Points (Choose any SKM Module)	x
COURSE TOTAL AMOUNT:		R5,300-00
	Specialised Modules	
SKM201	Fumigation Management 12 CPD Points	
SKM203	Wood Destroying Organism Management 12 CPD Points	
SKM204	Weed and Invader Plant Management 12 CPD Points	
Additional Specialised SKM Module (After completion of first course) (Should a student wish to add another field)		R3,500-00

Practical Assessment – Separate registration form and additional fee <u>per</u> assessment or re-assessment	R1,600-00
Study guides will be sent via WeTransfer	Yes / No
Study guides to be ordered at an extra cost of R500 – Printing Only (Student will arrange his/her own collective mode – PostNet,Courier)	Yes / No



Contents of PCITA Courses

Info for Health and Nuisance Pest Management / Structural (12 CPD Credits)

Course Title:	Health and Nuisance Pest Management
Course Duration:	Delivered as a distance qualification course, as well as E-Learning
Course Description:	The aim of this programme is to build an understanding of the significant impact that pests have on public health; the specific needs 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 in domestic, commercial and industrial sites; the pre-requisite nature of pest management in the HACCP programme of food establishments; and the control methods applied in food manufacturing, warehousing and retail food establishments. Standard Operating Procedures for Cleaning and Disinfecting Surfaces.
Topics Covered:	<p>Topics covered include:</p> <ul style="list-style-type: none"> • Factors that influence a successful pest management operation • Pests and public health significance • Sensitive or special accounts • Control of health and nuisance pests (Includes: rodents, cockroaches, mosquitoes, flies, ticks, bedbugs, ants, birds, and bats) • Food handling establishments • Difference between Cleaning, Disinfecting, Sanitizing • Microbial fogging

Info for Weed and Invader Plant Management – (12 CPD Credits)

Course Title:	Weed and Invader Plant Management
Course Duration:	Delivered as a distance qualification course, as well as E-Learning

Course Description:	The aim of this programme is to build an understanding of the concepts and principles of weed and invader plant control; the classification and distribution of weeds; the identification characteristics of weeds and invasive plants; the classification of herbicides; and the management of weeds, woody plants, trees and stumps in various environments.
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Topics Covered	<p>Topics covered include:</p> <ul style="list-style-type: none"> • Defining weeds and invader plants • Legislation relevant to weed and invader plant control • The classification of weeds; the distribution of weeds; and their identification characteristics • The classification of herbicides according to their general mode of action and usage • Weed and invader plant principles, problems and control methods • The methods applied for weed management in turfgrass; woody plant, tree and stump management; road, power line and rail reserve vegetation management; and aquatic weed management. • The types of herbicide application equipment and control systems, their general use and care, and the procedures for the calibration of sprayers The impact of herbicides on health, safety and the environment.
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Info for Fumigation (12 CPD Credits)

Course Title:	Fumigation
Course Duration:	Delivered as a distance qualification course
Course Description:	The aim of this programme is to build an understanding of the fumigation principles and applicable legislation; the biology, identification and damage patterns of structural pests; 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, personal protective equipment and gas monitoring and detection equipment; the procedures for fumigation inspection and structure measurement; the determination of volume and dosages; the preparation of the fumigation area; and the procedures for fumigation of residences, warehouses, containers and commodities in various storage modes.

Topics Covered:	<p>Topics covered include:</p> <ul style="list-style-type: none"> • Fumigation principles and applicable legislation • Pests in structures • Stored agricultural product pests • Characteristics and effects of fumigants • Safety and health precautions • Application equipment and protective equipment • Chemicals used as fumigants • Fumigation planning, inspection, and measurement • General advance preparations • Conducting fumigations (inclusive of fumigation of residences, warehouses, containers, commodities stored in silo bins, grain and other bulk commodities in railway trucks, fumigation of stacks of packaged grain and other commodities, and vacuum fumigation of commodities)
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Info for Wood-Destroying Organisms and Termite Inspection and Management (12 CPD Credits)

Course Title:	Wood-Destroying Organisms and Termite Inspection and Management
Course Duration:	3 days in class, Portfolio, Practical Assessment
Course Description:	The aim of this programme is to build an understanding of the legal implications associated with the inspection and management of wood-destroying organisms and termites; the characteristics of timber and the timber used in building construction; the identification of wood-destroying organisms and termites; 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 procedures.
Topics Covered:	<p>Topics covered include:</p> <ul style="list-style-type: none"> • The applicable legislation • The characteristics of timber and timber used in buildings • Wood-destroying organism and termite identification • Preventive and corrective termite management • Treatments for other wood-destroying insects • Wood-destroying fungi treatment processes • WDO inspection principles and procedures