

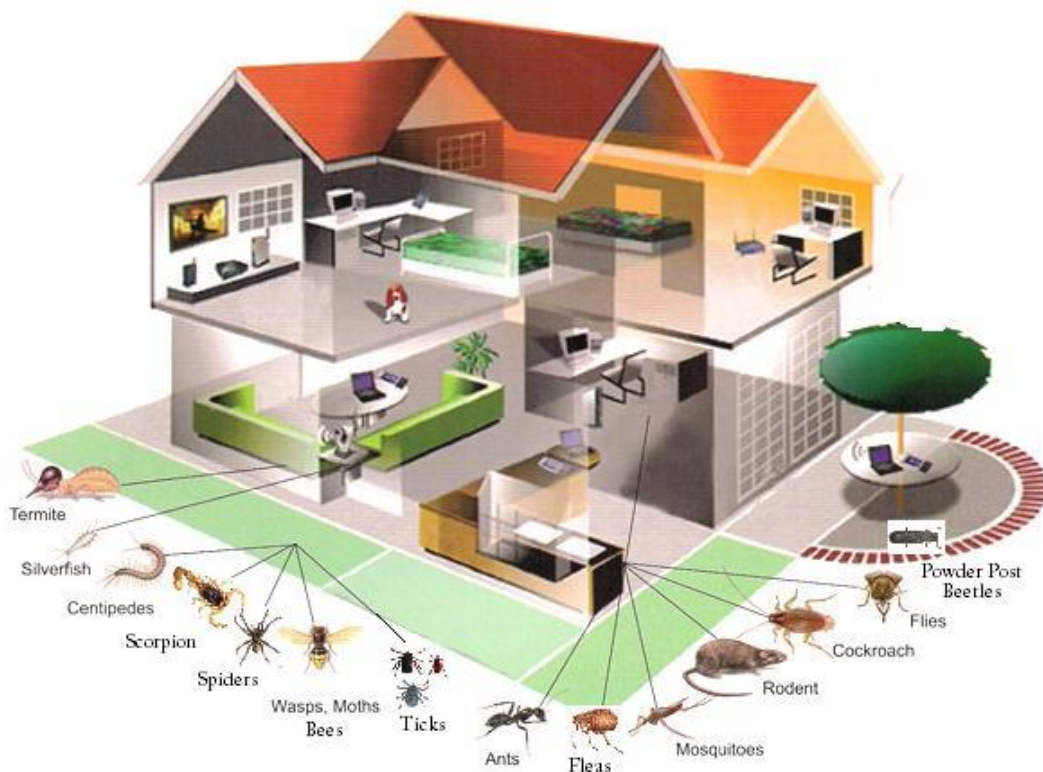


PEST CONTROL INDUSTRIES TRAINING ACADEMY COURSE BROCHURE

**Occupational Certificate: Pest Management Officer
NQF 5**

SAQA Qualification ID 99513

CPD ACCREDITED



Course Brochure

Pest Control Industries Training Academy

1. PCITA Correspondence Courses



The Pest Control Industries Training Academy (PCITA) is proud to announce the launch of its NQF Level 5 Correspondence Courses. The new courses are based on the qualification curriculum for the Occupational Certificate: Pest Management Officer, NQF Level 5, that was recently registered on the SAQA database with the ID 99513.

1.1 What Courses are Available?

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

- SKM201: Structural Fumigation Management
- SKM202: Stored Agriculture Product Pest Management
- SKM 203: Wood Destroying Organism Management
- SKM204: Weed and Invader Plant Management
- SKM205: Health and Nuisance Pest Management

(See attached registration form)



1.2 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.
- One (1) workbook that accompanies the GKM101 to GKM107 generic modules
- One (1) workbook that accompanies the selected specialised SKM module.

Please note that **the two completed workbooks** will eventually form part of a “**Portfolio of Evidence**” that students will be required to present, prior to their application for a practical assessment.

1.3 What Fees are Applicable?

Description	Fees for 2020
Complete Course - 7 generic modules (GKM 101 – 107) with one specialised SKM module	R5,300.00
Practical assessment <u>or</u> re-assessments	R1,500.00
Additional Specialised SKM Module (After completion of first full course)	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)

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 Team Work

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: Structural Fumigation Management CPD 12 Points

After successful completion of this study unit students should be able to demonstrate understanding of structural 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 Agriculture Product Pest Management CPD 12 Points

After successful completion of this study unit students should be able to demonstrate understanding of stored agricultural product pest management principles and applicable legislation; the biology, identification and damage patterns of stored agricultural product pests; the principles of fumigation; the safety and health precautions. Students should be able to demonstrate understanding of the appropriate application equipment, protective equipment and gas monitoring and detection equipment; the physical and chemical properties of fumigants used in South Africa; fumigation planning and preparations; and the procedures for the fumigation of grain and other edible commodities in various storage modes.

SKM 203: Wood Destroying Organism Management CPD 12 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 CPD 12 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 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: Health and Nuisance Pest Management CPD 12 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.

3. Course Process Requirements

Course Manuals and Workbooks.

Students are required to study the course material and complete the workbooks.



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.

Course Duration

Students can complete course in their own time.

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.

The **workbook for GKM 101-107** and the **workbook for the specialised SKM Module** must be completed by the student and signed off by the mentor (Pest Management Officer with a valid P-number) prior to the practical assessment. The **workbooks must be forwarded to the PCITA offices by the cut-off date**, before commencement of the practical assessment. A "Portfolio of Evidence" must accompany the workbooks.

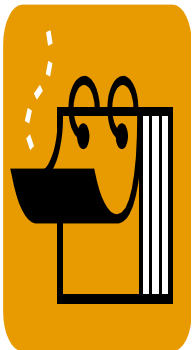
The following list stipulates the items that students must have in their Portfolio of Evidence when they wish to book a Practical Assessment:

- a) Copy of ID
- b) Inspection and recommendation reports
- c) Treatment reports

- d) Job cards
- e) All inspection reports and work done by the student must be signed off by the supervising pest management officer
- f) Report by the pest management officer (mentor) under whose supervision the student has worked
- g) Certified affidavit from the mentor, confirming the supervision
- h) 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
- i) Workbook that accompanies the GKM101 to GKM 107 generic modules
- j) Workbook that accompanies the selected specialised SKM module

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

Tel: 012 654 7708
 Fax: 086 774 3190
 Cell: 083 294 8066
 Web: www.pcita.org.za
 Email: nqf4courses@pcita.org.za
 Naomi van der Merwe

Pest Control Industries Training Academy

NQF5 Correspondence Course Registration

Occupational Certificate: Pest Management Officer

SAQA Qualification ID 99513

CPD POINTS

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:							
Please attach a copy of your ID along with registration.							

Details of Person/Company responsible for payment:

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

Other Information:

Highest Qualification obtained:							
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Credit/Debit card facilities are available at PCITA offices in Centurion
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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. **Please indicate the appropriate specialised module with an X.**

Please indicate on the registration form should you wish the following:

1. Study guides will be sent with a link that contains a password – 2 workbooks will have to be printed by the student.
2. Study guides will be sent with courier service – Student will be responsible for the cost of courier fees.

	Compulsory GKM Modules	
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 Team Work	X
SKM201	Structural Fumigation Management (choose any SKM mod) CPD 12 Points	x
COURSE TOTAL AMOUNT:		R5,300-00
	Specialised Modules	
SKM202	Stored Agricultural Product Pest Management CPD 12 Points	
SKM203	Wood Destroying Organism Management (KZN and Cape Region only) CPD 12 Points	
SKM204	Weed and Invader Plant Management CPD 12 Points	
SKM205	Health and Nuisance Pest Management CPD 12 Points	
Additional Specialised SKM Module (After completion of first course)		R3,500-00

Practical Assessment – Separate registration form and additional fee <u>per</u> assessment or re-assessment.	R1,500-00
Study guides will be sent with a link that contains a password – workbooks will have to be printed by the student – Please Indicate	Yes / No
Study guides will be sent with courier service – Student will be responsible for the cost of courier fees – Please Indicate	Yes / No



Contents of PCITA Courses

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

Course Title:	Health and Nuisance Pest Management
Course Duration:	Delivered as a correspondence 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
Topics Covered:	<p>Topics covered include:</p> <ul style="list-style-type: none"> • Guidelines for Cleaning and Disinfecting Surfaces • Factors that influence a successful pest management operation • Pesticide labelling and classification • Pests and public health significance • Safety requirements in a workplace • Sensitive or special accounts • Control of health and nuisance pests (Includes: rodents, cockroaches, mosquitoes, flies, ticks, bedbugs, ants, birds and bats) • Protective clothing • Food handling establishments

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

Course Title:	Weed and Invader Plant Management
Course Duration:	Delivered as a correspondence course
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.
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.

Info for Structural Fumigation (12 CPD Points)

Course Title:	Structural Fumigation
Course Duration:	Delivered as a correspondence course
Course Description:	The aim of this programme is to build an understanding of the structural pest 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"> • Structural pest 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

	<ul style="list-style-type: none"> • Chemicals used as fumigants • Fumigation planning, inspection and measurement • General advance preparations • Conducting structural 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 Points)

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

Info for Stored Agricultural Product Pest Management (12 CPD Points)

Course Title:	Stored Agricultural Product Pest Management
Course Duration:	Delivered as a correspondence course
Course Description:	The aim of this programme is to build an understanding of the stored agricultural product pest management principles and applicable legislation; the biology, identification and damage patterns of stored agricultural product pests; the safety and health precautions; the appropriate application equipment, protective equipment and gas monitoring and detection equipment; the physical and chemical properties of fumigants; fumigation planning and preparations; and the procedures for the treatment / fumigation of grain and other edible commodities in various storage modes.
Topics Covered:	<p>Topics covered include:</p> <ul style="list-style-type: none"> • Stored agricultural product pest management principles and relevant legislation • Stored agricultural product pests • Characteristics and effects of fumigants

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|--|---|
| | <ul style="list-style-type: none">• Safety and health precautions• Application equipment and protective equipment• Chemicals used as fumigants• Fumigation planning and preparation• Stored agricultural product pest management procedures (inclusive of: protectants and surface treatments; closed loop fumigation systems; fumigation of grain and other bulk commodities in railway trucks; fumigation of stacks; fumigation of containers; and ship fumigation) |
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