



National Association for Clean Air

Introduction to Air Quality Management

A 5-day Course: 20 – 24 February 2017

JOHANNESBURG, GAUTENG (Venue to be confirmed)

Dates:	20 – 24 February 2017, as per the attached schedule. Due date for submission of essays: TBA during Course
Venue:	JOHANNESBURG, GAUTENG (Venue to be confirmed)
Times:	Daily 09:00 – 17:00
Instructors:	Dr Gerrit Kornelius, Senior Lecturer, University of Pretoria Dr Roelof Burger, Senior Lecturer, North-West University Mr David Crostwaite, Clear Direction Consultants Mr Benton Pillay, Director, uMoya Nilu Ms Janice Tooley, Environmental Lawyer Dr Mark Zunckle, Director, uMoya Nilu
Who should attend:	Current or aspirant air quality practitioners in the public and private sector, specifically persons responsible for implementing aspects of the NEM: Air Quality Act. Intending participants should have knowledge of the basics of air quality with a bachelor's degree, a national diploma or several years of relevant experience.
Participation:	A maximum of 25 participants will be accepted. The organisers reserve the right to select applications on the basis of an applicant's prior experience and qualifications.
Certification:	A certificate of attendance and satisfactory completion will be issued by NACA. At present there is no provision within the National Qualifications Framework or the existing Sector Education and Training Authorities (SETAs) for certification of environmental courses.
Registration:	Complete the form below and return to Bev Terry at bev@naca.org.za . Participants will be notified by email of acceptance on the course.
Closing date:	You are kindly requested to submit a completed application form to us by 27 January 2017 . NACA reserves the right to cancel the course should fewer than 10 participants register.
Costs:	Standard fee R9,500.00 (excluding Vat) per participant. Fee includes participation in the course, a full set of printed notes and CD disk and certificate. Morning and afternoon tea, and daily lunches will be provided.
Payment:	Payment should be made to the National Association for Clean Air on receipt of invoice. Proof of Payment by EFT of official company purchase order must be submitted to Bev Terry before the commencement of the course. Submission of registration form and acceptance of participation constitutes a contract. Fees are non-refundable for no shows as well as cancellations within seven days, or less, of the start of the course.
Banking details:	National Association for Clean Air; ABSA Bank; Account Number: 1041470808; Branch Code: (Rosebank Central) 632005
Cancellation:	Cancellations after 28 January 2017 will be liable for the full fee.
Accommodation:	Bev Terry can recommend appropriate accommodation in the vicinity for out of town delegates needed help.
Enquiries:	For more information, please do not hesitate to contact Bev Terry, Course Coordinator, at 071 683 9770 or bev@naca.org.za
Course content:	Please see the attached file

	Course Components	Lecturer
DAY 1: MONDAY	Introductions, Objectives and Expectations Course Overview, Discussion on Essay Topics	
	Component 1: Introduction to air pollutants and their characteristics – includes classification of pollutants, sources and sinks and the chemistry of urban atmospheres	Benton Pillay
	Component 2: Impacts of air pollutants on receiving environments – including the impact of common gaseous pollutants and particulate matter of various sizes on human health and well-being, visibility, vegetation and materials; encompasses the selection and application of dose-response thresholds for inhalation health risk assessment	Gerrit Kornelius
	Component 3: Sources of air pollution - identification, emission quantification, drawing up an emission inventory, emission inventory calculations. National Atmospheric Emission Inventory (NAIE)	Gerrit Kornelius
DAY 2: TUESDAY	Component 4: Mitigation of emissions: Description of air pollution control equipment.	David Crostwaite
	Component 5: Legislative and regulatory context – overview of South African legislative environment with specific analysis of the Air Quality Act and its implementation.	Janice Tooley
	Component 6: Section 21 regulations and control – description of S21 Listed Activities, AEL application	Janice Tooley
DAY 3: WEDNESDAY	Component 7: Air quality and meteorological monitoring – provides overview of monitoring methodologies and available technologies in addition to the application of such to meet specific objectives and the design and implementation of monitoring networks.	Benton Pillay
	Excursion: Details to be advised	
DAY 4: THURSDAY	Component 8: Air Pollution Meteorology – ranging from synoptic climatology to meso- and micro-scale meteorology with specific reference to the dispersion and removal of air pollutants	Roelof Burger
	Component 9: Air Pollution Modelling – gives an overview of types of models ranging from long-range trajectory models to street-scale traffic modelling, but focuses on urban airshed modelling and the application of meso-scale models; practical demonstration	Roelof Burger
DAY 5: FRIDAY	Component 10: Air Quality Management Planning – integration of previous modules. Content of air quality management plans; challenges to implementation; examples for local authority and industry,	Mark Zunckel
	Course closure	

Air Quality Management Short Course Registration Form

A 5-day course: 20 – 24 February 2017

JOHANNESBURG, GAUTENG (Venue to be confirmed)

Surname:			
First Name:		Title:	
SA ID number or Passport No.			
Company/Organisation:			
Designation:			
Person responsible for payment:			
Company VAT Number:			
Postal Address:			
Postal Code:			
Fax:	Tel:		
Cell:	E-mail		
Highest educational qualification: (Please tick the appropriate box)	Matric	BSc	BSc Hons
	MSc	Other: (Specify)	
Current job description			

Previous years and level of experience in air quality management or atmospheric sciences?

I wish to attend the Air Quality Management Short Course @ **R9,500 Excluding VAT**

Name of person or institution responsible for paying the account:.....

I acknowledge that in submitting the above registration that I / (company named above) hold ourselves liable for the full fee for the course registration, if not cancelled before the specified **date (28 January 2017)**.

Please issue an official invoice to **(Name of person and/or institution responsible for paying the account):**

Signature:	Name & Surname(Block letters)
Date:	Designation:

An invoice will be issued by the National Association for Clean Air on request.

Please return to: Bev Terry, Course Coordinator, NACA,

P O Box 8370, Halfway House, 1685 or email/FAX to 0865137490

E-mail: bev@naca.org.za Cell: 071 683 9770.