



National Association for Clean Air

Introduction to Air Quality Management

A 5-day Course: 19 - 23 February 2018

Mc Pharma Conference Centre, 62 Constantia Street, Mnandi, Centurion, Gauteng

Date:	19 – 23 February 2018, as per the attached schedule. Due date for submission of essays: TBA during Course
Venue:	Mc Pharma Conference Centre , 62 Constantia Street (displayed as Bogosi Street on Google Maps) Mnandi, Centurion, Gauteng
Times:	Daily 09:00 – 17:00
Instructors:	To be Confirmed
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 2 February 2018 . NACA reserves the right to cancel the course should fewer than 10 participants register.
Costs:	Standard fee R10,500.00 (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 5 February 2018 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



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	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	To be confirmed
	Component 3: Sources of air pollution - identification, emission quantification, drawing up an emission inventory, emission inventory calculations. National Atmospheric Emission Inventory (NAIE)	
DAY 2: TUESDAY	Component 4: Mitigation of emissions: Description of air pollution control equipment.	
	Component 5: Legislative and regulatory context – overview of South African legislative environment with specific analysis of the Air Quality Act and its implementation.	
	Component 6: Section 21 regulations and control – description of S21 Listed Activities, AEL application.	
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.	
	Excursion: Details to be advised	
DAY 4: THURSDAY	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.	
	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	
DAY 5: FRIDAY	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	
	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.	
	Course closure	

Air Quality Management Short Course Registration Form

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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 @ **R10,500 Excluding 14% 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 (5 February 2018)**.

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.