



UNIVERSITY OF
KWAZULU-NATALTM
INYUVESI
YAKWAZULU-NATALI

**EXTENDED
LEARNING**

Advanced Construction Health and Safety Management



Durban

OUR WORLD IS CHANGING... SHOULDN'T YOU?



Advanced Construction Health and Safety Management

Programme Overview & Objectives:

This short course is one of a suite designed to address the national shortage of suitably qualified personnel in construction health and safety (H&S) management. The course builds on the Introduction to Construction Health and Safety short course and equips participants with advanced skills to manage all aspects of construction health and safety through the life cycle of the construction process through all its phases from project inception to demolition or deconstruction of the constructed facility or installation. The course will provide participants with a well-rounded, broad educational experience that will equip them with the knowledge base, competences and skills, underpinned by the theories, methodologies and principles essential to the effective management of construction health and safety on construction projects (both private and public).

There are currently very few, if any, short courses that focus specifically on construction occupational health and safety instead of health and safety generically. This course addresses this gap because it recognises the uniqueness of the construction industry and its associated challenges in terms of its nature, constantly changing work environment, complexity of the management of resources such as labour, materials, plant and equipment and finance, legislative and regulatory framework, and lack of knowledge, competence and skills relative to management of the occupational health and safety risks associated with construction activities and operations. The course is designed as an advanced level course on construction health and safety.

How you will benefit. You will learn to:

- Understand concepts, principles and procedures used in the management of health and safety on a construction site
- Apply, analyse and evaluate the concepts, principles and procedures of effective construction health and safety management planning, policy, work procedures, talks, inspection and auditing

Key focus areas:

- Principles of health and safety management
- Loss causation and incident investigation
- Measuring and reviewing health and safety performance
- Hazard identification and risk assessment
- Construction health and safety legislative and regulatory framework
- Principles of toxicology and epidemiology
- Hazardous substances
- Biological agents
- Physical agents
- Psychological agents
- Managing occupational health
- General construction site issues
- Principles of fire and explosion
- Storage and handling dangerous substances
- Construction plant and equipment
- Electrical health and safety
- Construction hazards and controls
- Application of construction health and safety theory, practice and procedures
- Computer applications

Facilitators include:



Professor Theo Haupt

Professor Haupt has been involved in health and safety (H&S) practice and research for several years with a PhD from the United States focusing on alternative approaches to the management of H&S on construction sites. He has published extensively and delivered several papers on the subject in national and international journals and conferences. He regularly reviews papers on H&S and construction industry development issues for a range of internationally acclaimed journals and serves on several editorial boards.

Professor Haupt has co-authored chapters on H&S in a number of books. He is heavily involved in the International Council for Research and Innovation in Building and Construction (CIB) Work Commission W99 (Safety and Health in Construction). Given his interest in the “people” aspects of construction, his primary recent research interest includes many aspects of construction worker safety and health with particular emphasis on the performance approach to safety management, workers’ compensation premium fraud, accident causation, safety and health interventions, impacts of diseases such as tuberculosis and HIV/AIDS on construction workers, and the plight of aging construction workers. His recent focus is on the cost implication of the present OH&S legislative and regulatory framework in South Africa. He has served on the Advisory Council for Occupational Health and Safety of the Minister of Labour.

Who should attend:

- Anyone from the construction industry who will either already be working in the construction H&S field or interested in working in that field.
- Matriculants or school leavers desiring an advanced course in construction H&S for purposes of increasing their employability.

Entrance requirements:

Minimum qualification of matric or NQF 4 equivalent and no less than 3 years experience in health and safety in the construction industry or completion of the Introduction to Construction Health and Safety short course

Programme fee:

The programme fee of R30 000 (incl. VAT) covers tuition, instruction material, lunches and refreshments.

Duration:

12 days (6 hours/day)
(6 Consecutive Fridays and Saturdays)

Dates:

For updated course dates, please contact us or see our website: www.ukznextendedlearning.com

Contact:

Percy Sishi T : +27 31 260 1853
E : sishis@ukzn.ac.za
www.ukznextendedlearning.com

University of KwaZulu-Natal, Howard College Campus,
Gate 9, Room 212, Innovation Centre, Rick Turner Road,
Durban, 4001