

SHORT COURSE: PAVEMENT MATERIALS II

DEPARTMENT OF CIVIL ENGINEERING • 15 - 19 September 2025

COURSE COORDINATOR

Prof Kim Jenkins
SANRAL Chair
Stellenbosch University

CO-PRESENTERS:

Prof Martin van de Ven
Dr Elaine Goosen

FEES:

5-day course
Face-to-face: R 11 500.00

ECSA CPD POINTS: 5

Only digital certificates will be issued

LANGUAGE

The course will be presented in English.

PROGRAMME

A detailed timetable will be sent to registered delegates

CONTACT

Le-Ann Williams
021 8084131
civilcourses@sun.ac.za

GOALS OF THE COURSE

This course focuses on important developments in the field of asphalt technology. Rheology will be explained and binder tests will be reviewed. Feedback will be given from International Conferences. The latest South African approach to asphalt technology will also be reviewed.

Asphalt mix design will be explored with attention to the factors that control the behavior and performance of asphalt mixes including resistance to fatigue, crack growth, permanent deformation and durability. The Bailey Mix Design Method will be used.

Case studies will focus on recent, local and international development, relative to southern African context. In particular, EME, UTFCC, Rolled-in-chips and HiMA in use in SA, will be discussed.

LEARNING PROCESSES

The delegates will have the opportunity to immerse themselves in the subject matter, through a series of lectures that will be augmented by workshop sessions. The embedded course concept with a range of diverse components that converge on the main topic leads to learning that includes stimulation and iteration.

ADMISSION REQUIREMENTS

This course forms part of the University of Stellenbosch postgraduate programme. It carries fifteen (15) SAQA credits for academic purposes and/or continuing education based upon an extensive exercise. CPD Certificates will be awarded to all non-students participating satisfactorily in the course.

COURSE ARRANGEMENTS

This course will be presented In-person: Registration will start at 08h00 on the 15 September. The fee covers all course materials and meals.

COURSE OUTLINE

Module 1 - Bitumen Binders
Module 2 - Bituminous Mixes
Module 3 - Asphalt Mix Design
Module 4 - Mix Properties
Module 5 - Special Considerations & High Performance Mixes

[CLICK HERE TO REGISTER](#)



PLEASE READ THE T's & C's

Registrations close and payments due: **11 September**

PAYMENT CONFIRMS REGISTRATION