



Short course: Human Factors in Traffic Collisions

The vast majority of serious and fatal rashes are caused by human error, yet road designers are seldom trained to fully understand how road users function, and the errors they are likely to make. This course examines human behaviour in the context of traffic and identifies what elements of road design and manage are required for a safer road network for all users.

4-8 September 2017

Presenters:

Prof. Ralf Risser

Dr Christine
Chaloupka-Risser

Prof. Marion Sinclair

Dr Hubrecht Ribbens

Fee

US Post Grad Students

R 800

Non Students

R 9 800

Registrations close

26 August 2017

CONTACT

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OBJECTIVES OF THE COURSE

The course will examine physiological and psychological aspects of the human road user that influence behaviour and will look in detail at driver capability, the tasks required of drivers and pedestrians in specific road environments; how road users adjust and compensate to their physical environment and what specific vulnerabilities they exhibit. The course concludes with an examination of engineering, educational and enforcement approaches that can effectively reduce the impact of human factors.

OUTCOMES

The attendee will emerge from the course with a working knowledge of the human factors involved in road safety and with an improved understanding of the principles of safe roads and how these can be achieved in practice.

LANGUAGE

The course will be presented in English.

ACADEMIC CREDIT

This course forms part of the Stellenbosch University postgraduate programme. It carries 15 SAQA credits for academic purposes and/or continuing education based upon an extensive exercise and written examination. Certificates will be awarded to all delegates participating satisfactory in the course. CPD credits= 5 course

COURSE ARRANGEMENTS

This course will be held in S202, in the Department of Civil Engineering at Stellenbosch University.

Participants are responsible for their own travel and accommodation arrangements.

Information on local guesthouse is available , on request, from the course administrator.



COURSE CONTENT

- International overview of injury data
- Driver Behaviour models
- Defining human factors
- Biological basis of driver limitation
- Driver capability
- Risk taking
- Pedestrian behaviour and risk in the SA context
- Driver tasks
- An engineering response to human factors
- Other responses: education, marketing, enforcement, mobility management



Human Factors in Traffic Collision

Please complete and forward this application to mahsa@sun.ac.za. Kindly do not leave any of the fields blank.

All information is needed in order to finalize your application.

If you have any questions about registration, please contact

mahsa@sun.ac.za / 021 808 4363

REGISTRATION FORM

PERSONAL INFORMATION

Title Initials
First Name Last Name
Nationality ID/Passport Number
Disability Home Language

CONTACT INFORMATION

Street Address
Address Line 2
City Postal Code
Country Cell Phone Number
E-mail Telephone Number

ACADEMIC RECORD

Highest Academic Qualification
Year Achieved Student Number (if currently enrolled)

EMPLOYMENT INFORMATION

Currently Employed: Yes No
Job Title Current Employer
Industry

PAYMENT INFORMATION

Who will be responsible for the payment Payment Contact Person
Payment E-Mail Address

MEALS - Dietary Needs

Vegetarian Halaal Diabetic None
Other

- Cancellations are accepted up to 5 working days before the course commences, thereafter a 20% cancellation fee will be levied.
- No person will be allowed on the course if payment is not received before the start of the course.
- Cheque should be made payable to: "Stellenbosch University".

