



# SHORT COURSE IN PROJECT RISK MANAGEMENT

Offered by  
*The Department of Civil Engineering: Construction Engineering and Management*



## DATES

12–13 May 2021

## PRESENTERS

Prof Jan Wium  
Werner Jerling  
Hannes Marais  
Dr Vic Prins

## Fee

Normal Fee—R 4 000  
Early Bird Fee—R 3 600

Registrations close  
07 May 2021

Early Bird  
23 April 2021

## CONTACT / KONTAK

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## **COURSE DISCRIPTION**

A short course on Project Risk Management will be presented **on-line** at Stellenbosch University at the Department of Civil Engineering: Construction Engineering and Management. Industry participants can attend and will receive 2 **CPD points (ECSA)**.

## **OBJECTIVES**

The course objectives are as follows:

- To provide a brief review of risk management principles and qualitative methods
- Providing an introduction to quantitative risk management methods, including application of the Monte Carlo method
- Introducing risk management through procurement and contracts
- Managing risk as seen from a consultant's point of view
- Managing risk as seen from a contractor's point of view
- To provide an example of risk management software available to the industry

## **LANGUAGE**

The course will be presented in English.

## **WHO SHOULD ATTEND**

The course is aimed at persons in the construction industry who need an introduction to quantitative risk management methods not often applied in construction projects. Young professionals will benefit from a brief overview of the relationship between risk and procurement, contractual risk and risk apportionment.

## **COURSE ARRANGEMENTS**

Course will commence on-line at 08h30 on Wednesday 12 May 2021.

Industry candidates online application link:

<https://shortcourses.sun.ac.za/application-form.html?offeringid=58bbc6b7-c78b-eb11-a5db-0050568000ff>

## **COURSE CONTENT**

Brief review of risk management principles and qualitative methods

Quantitative risk management including the Monte Carlo method.

Example of available risk management software



Managing risk through procurement models  
Contractual risk and risk apportionment  
A consultant's view on risk management  
A contractor's view on risk management

