

SHORT COURSE: PROJECT RISK MANAGEMENT

02 - 06 SEPTEMBER 2024

COURSE DESCRIPTION

A short course on Project Risk Management and Public Private Partnerships will be presented from 2 to 6 September 2024 at the Division of Construction Engineering and Management at the Department of Civil Engineering, Stellenbosch University. ECSA CPD points will be awarded for attending.

OBJECTIVE

The objective of the course is to provide delegates with an understanding of the principles and concepts of risk management as performed by all parties involved in construction projects. Qualitative risk management as regularly performed in industry is addressed, but delegates are also made aware of more advanced quantitative techniques such as Monte Carlo analyses and decision trees. One day is allocated to convey the principles of Public Private Partnerships, deviating from the pure risk theme of the course.

WHO SHOULD ATTEND

The course is aimed at persons in the construction industry who need a firm understanding of construction risks, including the role of procurement models. Representatives from client organizations, consultants and construction firms will all benefit from the course. Younger members from the industry will benefit from the qualitative basic principles of risk management and the role of procurement models.

BRIEF OVERVIEW OF COURSE CONTENT

Day 1

- Risk management according to ISO 31000 and the Project Management Body of Knowledge (PMBOK).
- Typical construction risks as perceived by different project participants (client, consultant, contractor)
- Compilation of a risk register, prioritization matrices, management and monitoring of risks based on a quantitative approach

Day 2

- Case study: Delegate participation
- Design for safety during structural

Day 3

- Probability theory and decision trees
- Monte Carlo analyses
- Industry software

Day 4

- Managing risk through procurement models
- Contractual risk and risk apportionment
- Industry presenter discusses contractor risks

Day 5

- Public Private Partnerships (full day - introduction and overview)

COURSE COORDINATOR:

Prof Jan Wium

COURSE PRESENTERS:

Prof Jan Wium

Prof Nthatsi Khatleli

Mr Werner Jerling

Mr Hannes Marais

FEES:

R 10 000

(The fee covers all course materials)

ECSA CPD POINTS

CPD: 5 POINTS

Only DIGITAL certificates will be issued

LANGUAGE

The course will be presented in English.

CONTACT

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COURSE ARRANGEMENTS

This course will be presented ONLINE only via MS Teams



[CLICK HERE TO REGISTER](#)

PLEASE READ T's & C's

REGISTRATIONS

Registrations close and all payments are due by 25 August 2024

Payment confirms registration.

