

ONLINE



## Online Course in Project Risk Management

Presented by the Department of Engineering and Technology Management, University of Pretoria

Companies need to execute their projects successfully, finish on time, within budget and deliver the required performance and quality. A failed project can impact heavily on the bottom line of the company and in the worst case lead to retrenchment, financial loss, reputation loss and even cause a takeover. The **Project Risk Management** online course is about determining and quantifying the uncertainties in a project, and developing controls and action plans to reduce these uncertainties to increase the chances of success.

### Course content

- Introduction and background to risk and risk management: Concepts about risk and the interpretation of risk are discussed as well as aspects concerning risk models and the change in risk during execution of a project and the different life-cycle stages of a project
- Understanding of the difficult concepts of probability, random variables, random experiments and probability distributions
- Planning for risk management
- Identifying risk events
- Risk analysis
- Risk evaluation
- Risk resolution
- Monitoring and control

### Learning outcomes

After successfully completing this course, you will be able to

- list the steps of a project risk management process (typically the PMBoK process or Smith & Merritt process), and explain the meaning of each step
- apply various techniques (i.e. brainstorming or Delphi techniques) to identify risk events for projects in his or her work environment
- quantify risk events in terms of probability, consequence and risk value
- map or sort risk events to enable selection of the critical risk events for the project
- develop effective responses or controls to reduce the risk for the critical risk events
- estimate the effectiveness of risk treatment actions, and
- explain how risk should be monitored and controlled during project execution.

### Course fees

#### R4 900.00 per delegate (VAT incl.)

Course fees include all course material, refreshments and other materials.

**Course fees must be paid in full 14 days prior to course start dates. Proof of payment can be submitted to [enrolments@enterprises.up.ac.za](mailto:enrolments@enterprises.up.ac.za).**

### Admission requirements

Prospective delegates should at least have a Grade 12 senior certificate.

### Accreditation and certification

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### Registration and enquiries

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