






**Level 5 Diploma in Project Management (888)**  
**145 Credits**



<b>Unit:</b> Project Risk Management	<b>Total Qualification Time:</b> 240
<b>Exam Paper No.:</b> 5	<b>Number of Credits:</b> 24
<b>Prerequisites:</b> Computing knowledge and management experience.	<b>Corequisites:</b> A pass or better at Level 5 Diploma level.
<p><b>Aim:</b> Risk Management is a practice with processes, methods, and tools for managing risks in a project. It provides a disciplined environment for proactive decision making to assess continuously what could go wrong (risks), determine which risks are important to deal with and implement strategies to deal with those risks. The unit exposes learners to multiple aspects of project risk including risk identification, mitigation and ethics, analysis, response planning, and monitoring and control. The unit offers an overview of risk management, including the concepts of risk, creating a risk management program, risk management history, current issues, trends, and career options. A holistic approach to managing risk, including developing vertical risk strategies and horizontal risk portfolios, is presented. The role and function of risk managers is addressed. The impact of the modern risk management to an organisation is critically analysed. Careers and professional designations are also discussed.</p>	
<b>Required Materials:</b> Recommended Learning Resources.	<b>Supplementary Materials:</b> Lecture notes and tutor extra reading recommendations.
<b>Special Requirements:</b> The unit requires a combination of lectures, demonstrations and class discussions.	
<p><b>Intended Learning Outcomes:</b></p> <p>1 Project Risk Management practical and effective approaches; the processes, techniques, tools, and team roles and responsibilities for a specific project.</p> <p>2 The risk identification process; how to develop a structure for risk identification and assessment.</p> <p>3 The objectives of risk assessment; analysing the risks in terms of likelihood and consequence.</p> <p>4 The important of the identification of sources (preventive) and impacts (reactive) in risk treatment strategies.</p>	<p><b>Assessment Criteria:</b></p> <p>1.1 Define the purpose of risk management</p> <p>1.2 Define how to identify risk</p> <p>1.3 Describe risk assessment</p> <p>1.4 Define risk strategy implementation</p> <p>1.5 Define the objectives of the project risk management process</p> <p>2.1 Analyse the organisational and project environment in which the risk assessment takes place</p> <p>2.2 Define a set of key elements for structuring the risk identification and assessment process.</p> <p>2.3 Describe how to perform a stakeholder analysis</p> <p>2.4 Develop criteria for success.</p> <p>2.5 Illustrate the tools and techniques for risk identification</p> <p>2.6 Identify sources of information used in the risk identification process.</p> <p>2.7 Explore management responsible for dealing with specified risks</p> <p>3.1 Define risk analysis</p> <p>3.2 Define risk evaluation</p> <p>3.3 Describe the different ways of calculating risk factors</p> <p>4.1 Identify the different options for reducing risks.</p> <p>4.2 Determine the potential benefits and costs of each option</p>

<p>5 The reasons for communicating and reporting the outcomes of risk management study</p> <p>6 Developing Project Risk Management plan; the processes for risk management planning, identification, analysis and monitoring.</p> <p>7. Risk assessment ; understand tools used in assessing hazards and technical risks in the workplace.</p> <p>8. Understand the importance of checklists in ensuring risk management steps has been completed.</p>	<p>4.3 Illustrate how to develop and implement risk action plan</p> <p>7.1 Demonstrate how to link risk management to other management processes</p> <p>7.2 Define a risk watch list</p> <p>7.3 Define project management effective communication process.</p> <p>7.4 Describe the reasons for communicating and reporting the outcomes of risk management study</p> <p>6.1 Define risk management procedures</p> <p>6.2 Describe project risks and opportunities</p> <p>6.3 Describe the process of identifying and prioritising opportunities</p> <p>6.4 Develop a Risk Management Plan</p> <p>6.5 Explore the importance of developing effective Risk Management Plan</p> <p>7.1 Identify different kinds of hazards</p> <p>7.2 Describe hazard analysis concept</p> <p>7.3 Describe systems, monitoring procedures and safety review process</p> <p>7.4 Describe Emergency Response Plan (ERP)</p> <p>7.5 Outline hazard identification techniques</p> <p>8.1 Describe objectives of creating a checklist</p> <p>8.2 Be able to design a checklist</p> <p>8.3 Describe ways to ensure checklist implementation</p> <p>8.4 Be able to cross-reference worksheets and evaluation tables in checklist</p>
<p><b>Methods of Evaluation:</b> A 2½-hour written examination paper with five essay questions, each carrying 20 marks. Candidates are required to answer all questions. Candidates also undertake project/coursework in Project Risk Management with a weighting of 100%.</p>	

### Recommended Learning Resources: Project Risk Management

<p><b>Text Books</b></p>	<ul style="list-style-type: none"> <li>• Project Risk Management: Processes, Techniques and Insights, 2nd Edition by Chris Chapman and Stephen Ward. ISBN-10: 0470853557</li> <li>• Risk Management in Projects by Martin Loosemore, John Raftery, Charles Reilly and David Higgon. ISBN-10: 0415260566</li> <li>• Risk Management: Tricks of the Trade for Project Managers : A Course in a Book by Rita Mulcahy. ISBN-10: 0971164797</li> </ul>
<p><b>Study Manuals</b></p> 	<p>BCE produced study packs</p>
<p><b>CD ROM</b></p> 	<p>Power-point slides</p>
<p><b>Software</b></p> 	<p>None</p>