



## COURSE OUTLINE: PMC202 - PROJ RISK MANAGEMENT

Prepared: Dr. Aaron Gordon

Approved: Sherri Smith, Chair, Natural Environment, Business, Design and Culinary

<b>Course Code: Title</b>	PMC202: PROJECT RISK MANAGEMENT
<b>Program Number: Name</b>	2176: PROJECT MANAGEMENT
<b>Department:</b>	BUSINESS/ACCOUNTING PROGRAMS
<b>Academic Year:</b>	2023-2024
<b>Course Description:</b>	In this course, the processes and activities necessary to manage risk throughout a development approach and project life cycle will be identified and applied. Students will be exposed to practical exercises, tools and techniques for both qualitative and quantitative analysis for handling project risks. There will be an introduction to a comprehensive project risk management process/matrix that extends from initiation through to project completion and from risk symptoms to risk event impact. Critical to risk management success is the business's ability to project risk alignment and mitigation strategies beyond the basic financial contingency approach.
<b>Total Credits:</b>	3
<b>Hours/Week:</b>	3
<b>Total Hours:</b>	42
<b>Prerequisites:</b>	PMC102, PMC105
<b>Corequisites:</b>	There are no co-requisites for this course.
<b>Vocational Learning Outcomes (VLO's) addressed in this course:</b>  Please refer to program web page for a complete listing of program outcomes where applicable.	<b>2176 - PROJECT MANAGEMENT</b>  VLO 2 Align the project to the organization's strategic plan, quality assurance processes and business justification throughout its lifecycle.  VLO 8 Implement general business concepts, practices, and tools to facilitate project success.  VLO 9 Apply appropriate legal and ethical standards in the planning of projects to meet industry and client expectations.  VLO 12 Develop a comprehensive project plan that includes planning and control procedures, resource management, and risk management plans.
<b>Essential Employability Skills (EES) addressed in this course:</b>	EES 1 Communicate clearly, concisely and correctly in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience.  EES 2 Respond to written, spoken, or visual messages in a manner that ensures effective communication.  EES 4 Apply a systematic approach to solve problems.  EES 5 Use a variety of thinking skills to anticipate and solve problems.  EES 6 Locate, select, organize, and document information using appropriate technology and information systems.  EES 7 Analyze, evaluate, and apply relevant information from a variety of sources.



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<b>Course Evaluation:</b>	<p>Passing Grade: 50%, D</p> <p>A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.</p>																
<b>Books and Required Resources:</b>	<p>Project risk management: Essential methods for project teams and decision makers by Raydugin, Y  Publisher: John Wiley &amp; Son`s Incorporated Edition: 2013  Or 9781118746240 EText</p> <p>A guide to the project management body of knowledge by Project Management Institute  Publisher: Project Management Institute Edition: 7th  or 9781628256673 EText</p>																
<b>Course Outcomes and Learning Objectives:</b>	<table border="1"> <tr> <th data-bbox="505 505 802 539">Course Outcome 1</th><th data-bbox="802 505 1448 539">Learning Objectives for Course Outcome 1</th></tr> <tr> <td data-bbox="505 539 802 696">Explain how various drivers have influenced the development of project risk management.</td><td data-bbox="802 539 1448 696"> 1.1 Identify the main components of a risk management plan.  1.2 Research the project risk management process.  1.3 Identify several project leadership styles that are effective in managing project risk. </td></tr> <tr> <th data-bbox="505 696 802 730">Course Outcome 2</th><th data-bbox="802 696 1448 730">Learning Objectives for Course Outcome 2</th></tr> <tr> <td data-bbox="505 730 802 965">Describe, and categorize risk events and gain a basic understanding of risk event quantification analysis.</td><td data-bbox="802 730 1448 965"> 2.1 Examine the difference between risks and uncertainties.  2.2 Analyze project data to identify risks associated with the project.  2.3 Identify strategies to respond to threats and opportunities. </td></tr> <tr> <th data-bbox="505 965 802 999">Course Outcome 3</th><th data-bbox="802 965 1448 999">Learning Objectives for Course Outcome 3</th></tr> <tr> <td data-bbox="505 999 802 1208">Examine tools and techniques of risk prevention and mitigation solutions commonly used within organizational projects.</td><td data-bbox="802 999 1448 1208"> 3.1 Define how governance plays a role in project risk management.  3.2 Discuss the use Monte Carlo Method as a preventative technique.  3.3 Research the various qualitative and quantitative tools used to manage project risks. </td></tr> <tr> <th data-bbox="505 1208 802 1242">Course Outcome 4</th><th data-bbox="802 1208 1448 1242">Learning Objectives for Course Outcome 4</th></tr> <tr> <td data-bbox="505 1242 802 1447">Develop a project plan that includes planning and control procedures, resource management, and risk management plans.</td><td data-bbox="802 1242 1448 1447"> 4.1 Research and prepare the components of a risk management plan.  4.2 Develop a risk assessment matrix.  4.3 Create a SWOT analysis.  4.4 Create a risk register for a current project. </td></tr> </table>	Course Outcome 1	Learning Objectives for Course Outcome 1	Explain how various drivers have influenced the development of project risk management.	1.1 Identify the main components of a risk management plan. 1.2 Research the project risk management process. 1.3 Identify several project leadership styles that are effective in managing project risk.	Course Outcome 2	Learning Objectives for Course Outcome 2	Describe, and categorize risk events and gain a basic understanding of risk event quantification analysis.	2.1 Examine the difference between risks and uncertainties. 2.2 Analyze project data to identify risks associated with the project. 2.3 Identify strategies to respond to threats and opportunities.	Course Outcome 3	Learning Objectives for Course Outcome 3	Examine tools and techniques of risk prevention and mitigation solutions commonly used within organizational projects.	3.1 Define how governance plays a role in project risk management. 3.2 Discuss the use Monte Carlo Method as a preventative technique. 3.3 Research the various qualitative and quantitative tools used to manage project risks.	Course Outcome 4	Learning Objectives for Course Outcome 4	Develop a project plan that includes planning and control procedures, resource management, and risk management plans.	4.1 Research and prepare the components of a risk management plan. 4.2 Develop a risk assessment matrix. 4.3 Create a SWOT analysis. 4.4 Create a risk register for a current project.
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Evaluation Process and Grading System:	<table><tr><th>Evaluation Type</th><th>Evaluation Weight</th></tr><tr><td>Case Study</td><td>25%</td></tr><tr><td>Final Exam</td><td>40%</td></tr><tr><td>Mid-Term 1</td><td>15%</td></tr><tr><td>Mid-Term 2</td><td>20%</td></tr></table>		Evaluation Type	Evaluation Weight	Case Study	25%	Final Exam	40%	Mid-Term 1	15%	Mid-Term 2	20%
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Date:	June 29, 2023											
Addendum:	Please refer to the course outline addendum on the Learning Management System for further information.											