



COURSE OUTLINE: PMC108 - PROJ. MGT. & TOOLS

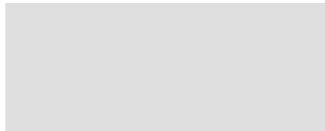
Prepared: Ben Oliver

Approved: Martha Irwin, Dean, Business and Information Technology

Course Code: Title	PMC108: PROJECT MANAGEMENT AND TOOLS
Program Number: Name	2176: PROJECT MANAGEMENT
Department:	BUSINESS/ACCOUNTING PROGRAMS
Academic Year:	2024-2025
Course Description:	This course is designed to develop critical thinking skills, enabling the student/practitioner to make effective decisions during each phase of the project life cycle. The course will offer understanding and comprehensive knowledge so student/practitioner will know when, where, and how to use the most effective project management resources for each project. Students/practitioners will also be introduced to Microsoft Project, which is a popular software of choice for project management scheduling.
Total Credits:	4
Hours/Week:	4
Total Hours:	56
Prerequisites:	There are no pre-requisites for this course.
Corequisites:	There are no co-requisites for this course.
Vocational Learning Outcomes (VLO's) addressed in this course:	<p>2176 - PROJECT MANAGEMENT</p> <p>VLO 4 Implement project management knowledge processes, lifecycle and concepts, tools and techniques in order to achieve project success as defined by the stakeholder(s).</p> <p>VLO 8 Implement general business concepts, practices, and tools to facilitate project success.</p>
Essential Employability Skills (EES) addressed in this course:	<p>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.</p> <p>EES 2 Respond to written, spoken, or visual messages in a manner that ensures effective communication.</p> <p>EES 4 Apply a systematic approach to solve problems.</p> <p>EES 5 Use a variety of thinking skills to anticipate and solve problems.</p> <p>EES 6 Locate, select, organize, and document information using appropriate technology and information systems.</p> <p>EES 7 Analyze, evaluate, and apply relevant information from a variety of sources.</p> <p>EES 8 Show respect for the diverse opinions, values, belief systems, and contributions of others.</p> <p>EES 9 Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals.</p> <p>EES 10 Manage the use of time and other resources to complete projects.</p>
<small>Please refer to program web page for a complete listing of program outcomes where applicable.</small>	



Course Evaluation:	Passing Grade: 50%, D A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.													
Books and Required Resources:	A Guide to the Project Management Body of Knowledge by Project Management Institute Publisher: Project Management Institute Edition: 7th ISBN: 9781628256642 Contemporary Project Management by Timothy J. Kloppenborg, Vittal Anantatmula, Kathryn N. Wells Publisher: Cengage Learning Edition: 5th ISBN: 97803577115734													
Course Outcomes and Learning Objectives:	<table border="1"> <thead> <tr> <th data-bbox="506 494 802 534">Course Outcome 1</th> <th data-bbox="807 494 1438 534">Learning Objectives for Course Outcome 1</th> </tr> </thead> <tbody> <tr> <td data-bbox="506 539 802 805">Implement project management knowledge processes, life cycle and concepts, tools, and techniques in order to achieve project success as defined by the stakeholder(s).</td> <td data-bbox="807 539 1438 805"> 1.1 Examine the key levers for measurement and follow up, Management Dash Board and Key Performance Indicators. 1.2 Identify variables used in prioritizing projects in a project environment. 1.3 Discuss the project communication plan and how successful project managers manage a communication plan. 1.4 Compare the various project management methodologies. </td> </tr> <tr> <th data-bbox="506 810 802 850">Course Outcome 2</th> <th data-bbox="807 810 1438 850">Learning Objectives for Course Outcome 2</th> </tr> <tr> <td data-bbox="506 855 802 1095">Implement general business concepts, practices, and tools to facilitate project success.</td> <td data-bbox="807 855 1438 1095"> 2.1 Evaluate how scope, schedule and cost impact the successful execution of a project 2.2 Develop a network diagram and work breakdown structure for a hypothetical project 2.3 Develop a Gantt Chart using Microsoft Project 2.4 Analyze a Gantt Chart using Microsoft Project to identify the critical path, requires resources and overall budget for a project </td> </tr> <tr> <th data-bbox="506 1100 802 1140">Course Outcome 3</th> <th data-bbox="807 1100 1438 1140">Learning Objectives for Course Outcome 3</th> </tr> <tr> <td data-bbox="506 1145 802 1366">Using simulations and case studies, develop an understanding of the project life cycle and the importance of proper decision making to ensure successful project delivery.</td> <td data-bbox="807 1145 1438 1366"> 3.1 Research the five distinct stages in the Waterfall project life cycle: Initiation, Planning, Execution, Monitoring/Controlling and Closure 3.2 Apply project management methodologies in groups to respond to issues in a simulated business environment 3.3 Understand the impact and importance of individual decision making on the performance of the overall project team </td> </tr> </tbody> </table>		Course Outcome 1	Learning Objectives for Course Outcome 1	Implement project management knowledge processes, life cycle and concepts, tools, and techniques in order to achieve project success as defined by the stakeholder(s).	1.1 Examine the key levers for measurement and follow up, Management Dash Board and Key Performance Indicators. 1.2 Identify variables used in prioritizing projects in a project environment. 1.3 Discuss the project communication plan and how successful project managers manage a communication plan. 1.4 Compare the various project management methodologies.	Course Outcome 2	Learning Objectives for Course Outcome 2	Implement general business concepts, practices, and tools to facilitate project success.	2.1 Evaluate how scope, schedule and cost impact the successful execution of a project 2.2 Develop a network diagram and work breakdown structure for a hypothetical project 2.3 Develop a Gantt Chart using Microsoft Project 2.4 Analyze a Gantt Chart using Microsoft Project to identify the critical path, requires resources and overall budget for a project	Course Outcome 3	Learning Objectives for Course Outcome 3	Using simulations and case studies, develop an understanding of the project life cycle and the importance of proper decision making to ensure successful project delivery.	3.1 Research the five distinct stages in the Waterfall project life cycle: Initiation, Planning, Execution, Monitoring/Controlling and Closure 3.2 Apply project management methodologies in groups to respond to issues in a simulated business environment 3.3 Understand the impact and importance of individual decision making on the performance of the overall project team
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Evaluation Process and Grading System:	<table border="1"> <thead> <tr> <th data-bbox="506 1385 956 1425">Evaluation Type</th> <th data-bbox="961 1385 1162 1425">Evaluation Weight</th> </tr> </thead> <tbody> <tr> <td data-bbox="506 1430 956 1458">Assignments, Case Studies and Simulations</td> <td data-bbox="961 1430 1162 1458">40%</td> </tr> </tbody> </table>		Evaluation Type	Evaluation Weight	Assignments, Case Studies and Simulations	40%								
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Quizzes	20%
Test #1	20%
Test #2	20%

Date:

June 28, 2024

Addendum:

Please refer to the course outline addendum on the Learning Management System for further information.

