



COURSE OUTLINE: PMC108 - PROJ. MGT. & TOOLS

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Course Code: Title	PMC108: PROJECT MANAGEMENT AND TOOLS
Program Number: Name	2176: PROJECT MANAGEMENT
Department:	BUSINESS/ACCOUNTING PROGRAMS
Academic Year:	2023-2024
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.
This course is a pre-requisite for:	PMC400, PMC410
Vocational Learning Outcomes (VLO's) addressed in this course:	2176 - PROJECT MANAGEMENT
Please refer to program web page for a complete listing of program outcomes where applicable.	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).
	VLO 8 Implement general business concepts, practices, and tools to facilitate project success.
Essential Employability Skills (EES) addressed in this course:	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 3 Execute mathematical operations accurately. 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. EES 8 Show respect for the diverse opinions, values, belief systems, and contributions of others.



- EES 9 Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals.
- EES 10 Manage the use of time and other resources to complete projects.
- EES 11 Take responsibility for ones own actions, decisions, and consequences.

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
 or 9781628256673 EText

Contemporary Project Management by Timothy J. Kloppenborg, Vittal Anantatmula, Kathryn N. Wells
 Edition: 4th
 or 9781337670500 EText

Course Outcomes and Learning Objectives:

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

Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight
Assignments, Case Studies and Simulations	40%
Quizzes	20%
Test #1	20%
Test #2	20%

Date:

June 23, 2023

Addendum:

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

