



COURSE OUTLINE: PMC103 - PROJ PLAN & SCHEDULE

Prepared: Dr. Aaron Gordon

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

Course Code: Title	PMC103: PROJECT PLANNING AND SCHEDULING
Program Number: Name	2176: PROJECT MANAGEMENT
Department:	BUSINESS/ACCOUNTING PROGRAMS
Academic Year:	2023-2024
Course Description:	This course is designed to empower the student/practitioner with the skills and techniques required to plan and schedule the project resources throughout the development approach and project life cycle by using professional project management tools and techniques and deploying computer programs. The core topics include planning, stakeholders, teams, project work, delivery, measurement, and uncertainty.
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:	PMC204
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 1 Manage the scope, cost, timing, and quality of the project at all times focused on project success as defined by project stakeholders.
	VLO 3 Define and manage the overall scope of the project, deliverables, constraints, performance criteria, benchmarks (including financial) and resource requirements in consultation with project stakeholders.
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 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 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:	<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>														
Books and Required Resources:	<p>A Guide to the Project Management Body of Knowledge by Project Management Institute Publisher: Project Management Institute Edition: 7th ISBN: 9781628256642 or 9781628256673 EText</p> <p>Project Management: A Systems Approach to Planning, Scheduling, and Controlling by Kerzner, H Publisher: John Wiley & Sons Inc. Edition: 13th ISBN: 9781119165354 or 9781119165361 EText</p>														
Course Outcomes and Learning Objectives:	<table border="1"> <thead> <tr> <th>Course Outcome 1</th> <th>Learning Objectives for Course Outcome 1</th> </tr> </thead> <tbody> <tr> <td>Demonstrate the knowledge of team dynamics and responsibilities and factors that influence project success.</td> <td> 1.1 Research key environmental factors that affect a projects planning and scheduling. 1.2 Discuss various organizational structures that affect how project planning takes place. 1.3 Research the types of conflict and how conflict can contribute the the overall project outcomes. </td> </tr> <tr> <th>Course Outcome 2</th> <th>Learning Objectives for Course Outcome 2</th> </tr> <tr> <td>Applying good practices in project management scheduling and planning, including, defining of objectives and deliverables in a project environment, proposal writing, planning methods including the Work Breakdown Structure (WSB).</td> <td> 2.1 Distinguish the differences between various forms of leadership and the employee-management issues that can arise within an organization. 2.2 Utilize techniques used in predicting project success. 2.3 Define project risk and distinguish the difference between project uncertainty and risk. </td> </tr> <tr> <th>Course Outcome 3</th> <th>Learning Objectives for Course Outcome 3</th> </tr> <tr> <td>Develop graphical methods for presenting project schedules and plans, developing preliminary budgets and project controls.</td> <td> 3.1 Develop an organizational chart for each organizational structure found in an project environment. 3.2 Research the components found in the planning process. 3.3 Research network fundamentals. 3.4 Use estimating activities to determine total project time, slack times and crash times. </td> </tr> <tr> <th>Course Outcome 4</th> <th>Learning Objectives for Course Outcome 4</th> </tr> </tbody> </table>	Course Outcome 1	Learning Objectives for Course Outcome 1	Demonstrate the knowledge of team dynamics and responsibilities and factors that influence project success.	1.1 Research key environmental factors that affect a projects planning and scheduling. 1.2 Discuss various organizational structures that affect how project planning takes place. 1.3 Research the types of conflict and how conflict can contribute the the overall project outcomes.	Course Outcome 2	Learning Objectives for Course Outcome 2	Applying good practices in project management scheduling and planning, including, defining of objectives and deliverables in a project environment, proposal writing, planning methods including the Work Breakdown Structure (WSB).	2.1 Distinguish the differences between various forms of leadership and the employee-management issues that can arise within an organization. 2.2 Utilize techniques used in predicting project success. 2.3 Define project risk and distinguish the difference between project uncertainty and risk.	Course Outcome 3	Learning Objectives for Course Outcome 3	Develop graphical methods for presenting project schedules and plans, developing preliminary budgets and project controls.	3.1 Develop an organizational chart for each organizational structure found in an project environment. 3.2 Research the components found in the planning process. 3.3 Research network fundamentals. 3.4 Use estimating activities to determine total project time, slack times and crash times.	Course Outcome 4	Learning Objectives for Course Outcome 4
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	Identify critical communication skills and leadership required for planning and scheduling of projects.	<p>4.1 Develop a stakeholder register used in a communication plan.</p> <p>4.2 Develop a communication plan that includes various requirements of the planning and scheduling discipline.</p> <p>4.3 Research theoretical leadership concepts used in a project environment.</p>										
Evaluation Process and Grading System:	<table border="1"> <thead> <tr> <th data-bbox="508 355 688 388">Evaluation Type</th> <th data-bbox="691 355 894 388">Evaluation Weight</th> </tr> </thead> <tbody> <tr> <td data-bbox="508 392 688 425">Final Exam</td> <td data-bbox="691 392 894 425">35%</td> </tr> <tr> <td data-bbox="508 428 688 461">Mid-term #1</td> <td data-bbox="691 428 894 461">20%</td> </tr> <tr> <td data-bbox="508 465 688 498">Mid-term #2</td> <td data-bbox="691 465 894 498">24%</td> </tr> <tr> <td data-bbox="508 501 688 534">Quizzes</td> <td data-bbox="691 501 894 534">21%</td> </tr> </tbody> </table>		Evaluation Type	Evaluation Weight	Final Exam	35%	Mid-term #1	20%	Mid-term #2	24%	Quizzes	21%
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Addendum:	Please refer to the course outline addendum on the Learning Management System for further information.											