



COURSE OUTLINE: PMC102 - PROJ COST PROCUREMENT

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Course Code: Title	PMC102: PROJECT COST & PROCUREMENT MANAGEMENT
Program Number: Name	2175: PROJECT MANAGEMENT
Department:	BUSINESS/ACCOUNTING PROGRAMS
Semesters/Terms:	18F, 19W, 19S
Course Description:	This course provides students with tools, techniques, and knowledge on fundamental principles of project costing and budgeting including a deep discussion around contract and procurement management. This course provides guidance on effectively managing the financial aspect of the project including assessing and choosing the right project mix using financial feasibility, tools for estimating and budgeting projects, earned value techniques for monitoring financial performance of projects, and financial reporting structures for overall governance. The course also covers procurement processes from the requirements stage to contract close out and will discuss Project Manager skills and behaviours needed to ensure project success.
Total Credits:	3
Hours/Week:	3
Total Hours:	45
Prerequisites:	There are no pre-requisites for this course.
Corequisites:	There are no co-requisites for this course.
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 3 Execute mathematical operations accurately.</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> <p>EES 11 Take responsibility for ones own actions, decisions, and consequences.</p>
Course Evaluation:	Passing Grade: 0%, D
Books and Required Resources:	A Guide to the Project Management Body of Knowledge by Project Management Institute Publisher: Project Management Institute Edition: 6th



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Course Outcomes and Learning Objectives:

Course Outcome 1	Learning Objectives for Course Outcome 1
Upon completion of the course, students should be able to:	1. Identify and understand the key terminologies used in Project Cost and Procurement Management
Course Outcome 2	Learning Objectives for Course Outcome 2
Upon completion of the course, students should be able to:	2. Define Project Cost and Procurement Management and describe and apply the processes
Course Outcome 3	Learning Objectives for Course Outcome 3
Upon completion of the course, students should be able to:	3. Understand the interaction of the process inputs, tools and techniques and outputs of Project Cost and Procurement Management
Course Outcome 4	Learning Objectives for Course Outcome 4
Upon completion of the course, students should be able to:	4. Align the project financial and procurement attributes to organization's strategic, tactical, and operational models.
Course Outcome 5	Learning Objectives for Course Outcome 5
Upon completion of the course, students should be able to:	5. Apply various estimation tools and understand the reliability of each estimation technique.
Course Outcome 6	Learning Objectives for Course Outcome 6
Upon completion of the course, students should be able to:	6. Understand and analyze basic financial statements.
Course Outcome 7	Learning Objectives for Course Outcome 7
Upon completion of the course, students should be able to:	7. Establish the project financial baseline budget and the required contingency reserves.
Course Outcome 8	Learning Objectives for Course Outcome 8
Upon completion of the course, students should be able to:	8. Monitor project cost performance using Earned Value Analysis techniques.
Course Outcome 9	Learning Objectives for Course Outcome 9
Upon completion of the course, students should be able to:	9. Identify the tools for evaluating the economic feasibility of project alternatives and make decisions on project mix (including prioritization).
Course Outcome 10	Learning Objectives for Course Outcome 10
Upon completion of the course, students should be able to:	10. Describe the concept of monetary growth and discounting
Course Outcome 11	Learning Objectives for Course Outcome 11



Upon completion of the course, students should be able to:	11. Conduct sensitivity analyses on project options
Course Outcome 12	Learning Objectives for Course Outcome 12
Upon completion of the course, students should be able to:	12. Deploy basic statistical calculations in decision making
Course Outcome 13	Learning Objectives for Course Outcome 13
Upon completion of the course, students should be able to:	13. Determine the break-even point of a project cash flows
Course Outcome 14	Learning Objectives for Course Outcome 14
Upon completion of the course, students should be able to:	14. Define Contract and differentiate centralized and decentralized contracting
Course Outcome 15	Learning Objectives for Course Outcome 15
Upon completion of the course, students should be able to:	15. Explain the different types of contracts
Course Outcome 16	Learning Objectives for Course Outcome 16
Upon completion of the course, students should be able to:	16. Develop project procurement plan, procurement categories and change control process.

Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight	Course Outcome Assessed
Assignments and Case Studies	20%	
Final Exams	40%	
Participation	20%	
Quizzes	20%	

Date:

July 17, 2018

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

