Department: Business Administration	**Program: MBA**	
Course Name	Information Systems Project Management (ISPM)	**Course Code**	MIS 625
Pre-requisite	Not Applicable	Credit Hours	3

Brief Description

⤵ According to the Project Management Institute, Project Management (PM) is concerned with the application of knowledge, skills, tools, and techniques to project activities to meet the project requirements. The course starts with an overview of the concepts: definition of PM, historical development and vocabulary used. Later, it covers the foundations: scope, schedule and quality. Then, it describes the soft skills needed in terms of resource and communication management. After, it continues with support processes such as procurement and risk management. Next, it presents advanced skills such as analyzing variable estimates and simulation. The course deals with project execution, monitoring and control. Finally, it gives environmental support techniques.

Course Objectives

After completion of this course the student will be able to:
⤵ Identify key decisions in project management.
⤵ Describe the history behind project management.
⤵ Apply the skills needed for resource and communication management.
⤵ Describe how to execute, monitor and control a project, taking into account key support processes.
⤵ Use qualitative and quantitative tools to solve problems related to project management.
⤵ Demonstrate written and oral communication skills.
⤵ Practice with team-based activities like group projects.

Course Learning Outcomes

⤵ Distinguish between concepts, principles, and theories of ISPM
⤵ Apply the concepts, principles, and theories of ISPM in different business situations
⤵ Demonstrate written communication skills
⤵ Have oral communication skills
⤵ Have skills of using ISPM applications in business administration
⤵ Have scientific research skills in the field ISPM
⤵ Have the skills of critical thinking and analysis in the fields ISPM
⤵ Have the skills in strategic thinking and finding solutions in ISPM
⤵ Believe, and practice sustainability in the context of ISPM
⤵ Have the skills of leadership, teamwork, and decision making in the context of ISPM
⤵ Have the ability to distinguish between ethical issues in the context of ISPM
⤵ Have the competence of social responsibility in the fields of ISPM
⤵ Have the competence to deal with cultural diversity in ISPM in business situations

Course Topics

- ↘ Project Management evolution and history
- ↘ Project lifecycle
- ↘ Project management framework: scope, quality, costs, risk
- ↘ Stakeholder management
- ↘ Project plan development: initiation scope, schedule, and cost management
- ↘ Resource planning and management and projects communications
- ↘ Procurement and Risk management
- ↘ Analyzing variable time estimates
- ↘ Quality management
- ↘ Post Project evaluation

Text Book

- ↘ Richardson, G. and Jackson, B. (2019). *Project Management Practice and Theory*. 3rd Edition. Ney York, Taylor and Francis.

Additional References

- ↘ Goodpasture, J.C., 2003. Quantitative Methods in Project Management. J. Ross Publishing, Boca Raton, Florida.

- ↘ Wu, T. (2020). *Optimizing Project management*. CRC Press. USA

Online Resources

- ↘ The Project Management Institute.
- ↘ Project Manager Platform.
- ↘ Project Manager Resources.
- ↘ Project management journal.
- ↘ International Journal of Project Management.
- ↘ The journal of modern project management

Course Outline

Week	Hours	Topics	Remarks
1	3	Project Management: evolution of PM, History of PM	
2	3	Project management Overview and Project lifecycle	
3	3	Project management framework: scope, quality, costs, risk	
4	3	Stakeholder management: Top management, project team, resource managers	
5	3	Project initiation: Financial considerations, NPV, ROI, Payback period	
6	3	Scope planning: Defining the scope, project requirements, Project Schedule planning: Project activities, activity sequencing, network mechanics, activity on arcs, Critical path method, Project evaluation and review techniques	
7	3	Resource planning: Estimating the resources	

8	3	Midterm Exam	
9	3	Procurement management: Make or Buy decision, bidding processes, selecting sellers	
10	3	Quality planning	
11	3	Communication planning	
12	3	Students' Project presentation	
13	3	Project report is due. Students' Project presentation(cont'd) Risk management planning	
14	3	Project completion: Post-project evaluation Revision and discussions.	
15	3	Presentations	

Measurement and Assessment Tools

Assessment Tools	Grades	Week	Knowledge Identify and apply	Skills Written	Oral	Information Technology	Research	Critical thinking	Strategic thinking	Values Sustainability	Leadership	Ethics	Corporate Social responsibility	Cultural diversity
Midterm Exam	20	9	X											
Case Study	10	12		X				X	X	X	X	X	X	X
Project	20	15		X		X	X	X	X	X	X	X	X	X
Presentation	10	15			X	X								
Final Exam	40	TBD	X											
Total	100													

Approved by Department Chair	Date of Approval

Additional Information: Updated every Semester by Course Instructor

Course Instructor	
Department	
Phone No.	
Extension No	
Email	