

PMP® Exam Preparation Course Contents

Watershed Project Management FZE offers public and customized corporate training for PMP Exam preparation. This course is based on PMI's (Project Management Institute) *PMBOK Guide*. The *PMBOK Guide* is process-based, meaning it describes work as being accomplished by processes. Processes overlap and interact throughout a project or its various phases. Processes are described in terms of:

- Inputs (documents, plans, designs, etc.)
- Tools and Techniques (mechanisms applied to inputs)
- Outputs (documents, plans, designs, etc.)

A Guide to the Project Management Body of Knowledge — Fifth Edition provides guidelines for managing individual projects and defines project management related concepts. It also describes the project management life cycle and its related processes, as well as the project life cycle.

The Guide recognizes 47 processes that fall into five basic process groups and ten knowledge areas that are typical of most projects, most of the time.

Process groups

The five *process groups* are:

1. **Initiating:** Those processes performed to define a new project or a new phase of an existing project by obtaining authorization to start the project or phase.
2. **Planning:** Those processes required to establish the scope of the project, refine the objectives, and define the course of action required to attain the objectives that the project was undertaken to achieve.
3. **Executing:** Those processes performed to complete the work defined in the project management plan to satisfy the project specifications
4. **Monitoring and Controlling:** Those processes required to track, review, and regulate the progress and performance of the project; identify any areas in which changes to the plan are required; and initiate the corresponding changes.
5. **Closing:** Those processes performed to finalize all activities across all Process Groups to formally close the project or phase.

Knowledge areas


The ten *knowledge areas* are:

1. **Project Integration Management:** Project Integration Management includes the processes and activities needed to identify, define, combine, unify, and coordinate the various processes and project management activities within the Project Management Process Groups.

2. **Project Scope Management:** Project Scope Management includes the processes required to ensure that the project includes all the work required, and only the work required, to complete the project successfully.
3. **Project Time Management:** Project Time Management includes the processes required to manage the timely completion of the project.
4. **Project Cost Management:** Project Cost Management includes the processes involved in planning, estimating, budgeting, financing, funding, managing, and controlling costs so that the project can be completed within the approved budget.
5. **Project Quality Management:** Project Quality Management includes the processes and activities of the performing organization that determine quality policies, objectives, and responsibilities so that the project will satisfy the needs for which it was undertaken.
6. **Project Human Resource Management:** Project Human Resource Management includes the processes that organize, manage, and lead the project team.
7. **Project Communications Management:** Project Communications Management includes the processes that are required to ensure timely and appropriate planning, collection, creation, distribution, storage, retrieval, management, control, monitoring, and the ultimate disposition of project information.
8. **Project Risk Management:** Project Risk Management includes the processes of conducting risk management planning, identification, analysis, response planning, and controlling risk on a project.
9. **Project Procurement Management:** Project Procurement Management includes the processes necessary to purchase or acquire products, services, or results needed from outside the project team
10. **Project Stakeholders Management:** Project Stakeholder Management includes the processes required to identify all people or organizations impacted by the project, analyzing stakeholder expectations and impact on the project, and developing appropriate management strategies for effectively engaging stakeholders in project decisions and execution.

Each of the ten knowledge areas contains the processes that need to be accomplished within its discipline in order to achieve effective project management. Each of these processes also falls into one of the five process groups, creating a matrix structure such that every process can be related to one knowledge area and one process group.

PMI Framework

		info@WatershedPM.com Tel: +974 3344 2626				P r o c e s s G r o u p s		PMBOK © Version 5, PMI.org	
		Initiating	Planning	Executing	Monitoring & Controlling	Closing			
Knowledge Areas	Project Integration Management	<ul style="list-style-type: none"> Develop Project Charter 	<ul style="list-style-type: none"> Develop Project Management Plan 	<ul style="list-style-type: none"> Direct & Manage Project Work 	<ul style="list-style-type: none"> Monitor & Control Project Work Perform Integrated Change Control 	<ul style="list-style-type: none"> Close Project Or Phase 			
	Project Scope Management		<ul style="list-style-type: none"> Plan Scope Management Collect Requirements Define Scope Create WBS 		<ul style="list-style-type: none"> Validate Scope Control Scope 				
	Project Time Management		<ul style="list-style-type: none"> Plan Schedule Management Define Activities Sequence Activities Estimate Activity Resources Estimate Activity Durations Develop Schedule 		<ul style="list-style-type: none"> Control Schedule 				
	Project Cost Management		<ul style="list-style-type: none"> Plan Cost Management Estimate Costs Determine Budget 		<ul style="list-style-type: none"> Control Costs 				
	Project Quality Management		<ul style="list-style-type: none"> Plan Quality Management 	<ul style="list-style-type: none"> Perform Quality Assurance 	<ul style="list-style-type: none"> Control Quality 				
	Project Human Resource Management		<ul style="list-style-type: none"> Plan Human Resource Management 	<ul style="list-style-type: none"> Acquire Project Team Develop Project Team Manage Project Team 					
	Project Communication Management		<ul style="list-style-type: none"> Plan Communications Management 	<ul style="list-style-type: none"> Manage Communications 	<ul style="list-style-type: none"> Control Communications 				
	Project Risk Management		<ul style="list-style-type: none"> Plan Risk Management Identify Risks Perform Qualitative Risk Analysis Perform Quantitative Risk Analysis Plan Risk Responses 		<ul style="list-style-type: none"> Control Risks 				
	Project Procurement Management		<ul style="list-style-type: none"> Plan Procurement Management 	<ul style="list-style-type: none"> Conduct Procurements 	<ul style="list-style-type: none"> Control Procurements 	<ul style="list-style-type: none"> Close Procurements 			
Project Stakeholder Management	<ul style="list-style-type: none"> Identify Stakeholders 	<ul style="list-style-type: none"> Plan Stakeholder Management 	<ul style="list-style-type: none"> Manage Stakeholder Engagement 	<ul style="list-style-type: none"> Control Stakeholder Engagement 					

Contact Us

Watershed Project Management FZE

Email: info@WatershedPM.com

Web: <http://www.WatershedPM.com>

Tel: +974-3344-2626, +974-6603-7000

Watershed Project Management FZE

Email: info@WatershedPM.com

Web: <http://www.WatershedPM.com>

Tel: +974-3344-2626, +974-6603-7000