

# An Introduction to Project Management

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# Purpose

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The purpose of this presentation is to provide a high level overview of project management.

The presentation will focus on the Project Management Institute's Project Management Body of Knowledge defined Project Management Methodology.

# Project

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A project is a temporary endeavor undertaken to create a unique product, service, or result.

# Project Management

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Project management is the application of process groups, knowledge, and process to project activities to meet the project requirements.

# Project Management Methodology

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The project management methodology includes the following.

- Five process groups
- Nine knowledge areas
- Forty-two processes

# Process Groups

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The process groups are a logical ordering of activities across the project lifecycle. The process groups are as follows.

Initiating	Planning	Executing	Monitoring & Controlling	Closing
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# Knowledge Areas

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The knowledge areas are areas of project management defined by its knowledge requirements and described in terms of process. The knowledge areas are as follows.

Integration
Scope
Time
Cost
Quality
Human Resources
Communication
Risk
Procurement

# Intersection

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The process groups and knowledge areas intersect as follows.

Knowledge Areas	Process Groups				
	Initiating	Planning	Executing	Monitoring & Controlling	Closing
Integration					
Scope					
Time					
Cost					
Quality					
Human Resources					
Communication					
Risk					
Procurement					

# Process

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The processes fit within the process groups and knowledge areas as follows.

Knowledge Areas	Process Groups				
	Initiating	Planning	Executing	Monitoring & Controlling	Closing
Integration	Process				
Scope					
Time					
Cost					
Quality					
Human Resources					
Communication					
Risk					
Procurement					

# Initiating

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Knowledge Areas	Process
Integration	Develop Project Charter
Scope	
Time	
Cost	
Quality	
Human Resources	
Communication	Identify Stakeholders
Risk	
Procurement	

# Planning

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Knowledge Areas	Process
Integration	Develop Project Management Plan
Scope	Collect Requirements Define Scope Create Work Breakdown Structure
Time	Develop Schedule
Cost	Determine Budget
Quality	Plan Quality
Human Resources	Develop Human Resources Plan
Communication	Plan Communications
Risk	Identify Risks Perform Qualitative/Quantitative Risk Analysis Plan Risk Responses
Procurement	Plan Procurements

# Executing

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Knowledge Areas	Process
Integration	Direct and Manage Project Execution
Scope	
Time	
Cost	
Quality	Perform Quality Assurance
Human Resources	Acquire Project Team Develop Project Team Manage Project Team
Communication	Distribute Information Manage Stakeholder Expectations
Risk	
Procurement	Conduct Procurements

# Monitoring and Controlling

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Knowledge Areas	Process
Integration	Monitor and Control Project Work Perform Change Control
Scope	Verify Scope Control Scope
Time	Control Schedule
Cost	Control Costs
Quality	Perform Quality Control
Human Resources	
Communication	Report Performance
Risk	Monitor and Control Risks
Procurement	Administer Procurements

# Closing

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Knowledge Areas	Process
Integration	Close Project
Scope	
Time	
Cost	
Quality	
Human Resources	
Communication	
Risk	
Procurement	Close Procurements