

ICT Management

MCRHRD Institute

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A Project ?

- A project is a *limited* endeavor.
- A project is undertaken to meet particular *goals* and *objectives*.
- Projects are different than processes or everyday operations
 - Repetitive,
 - Permanent,
 - or semi-permanent functional work taken on to produce products or services.

Characteristics of this Endeavor

All successful projects share the following characteristics:

- Clear goals
- Defined ownership/responsibility
- Timeline
- Dedicated team
- Defined methodology
- Controlled execution
- Completion evaluated based on original plan
- Linked to business objectives
- Supported by an organization's management team

Project Management

- Project management is the combined art and science of

Planning,

Organizing and

Managing resources to get a particular project done on time, within budget and with the results that the organization set out to achieve.

Project Manager

- A project manager is the person responsible and accountable for accomplishing the stated project objectives.
- Key skills include:
 - Leadership
 - Negotiation
 - Influence and persuasion
 - Project management
 - Communication
 - Time management
 - Stress and anger management

Process Groups

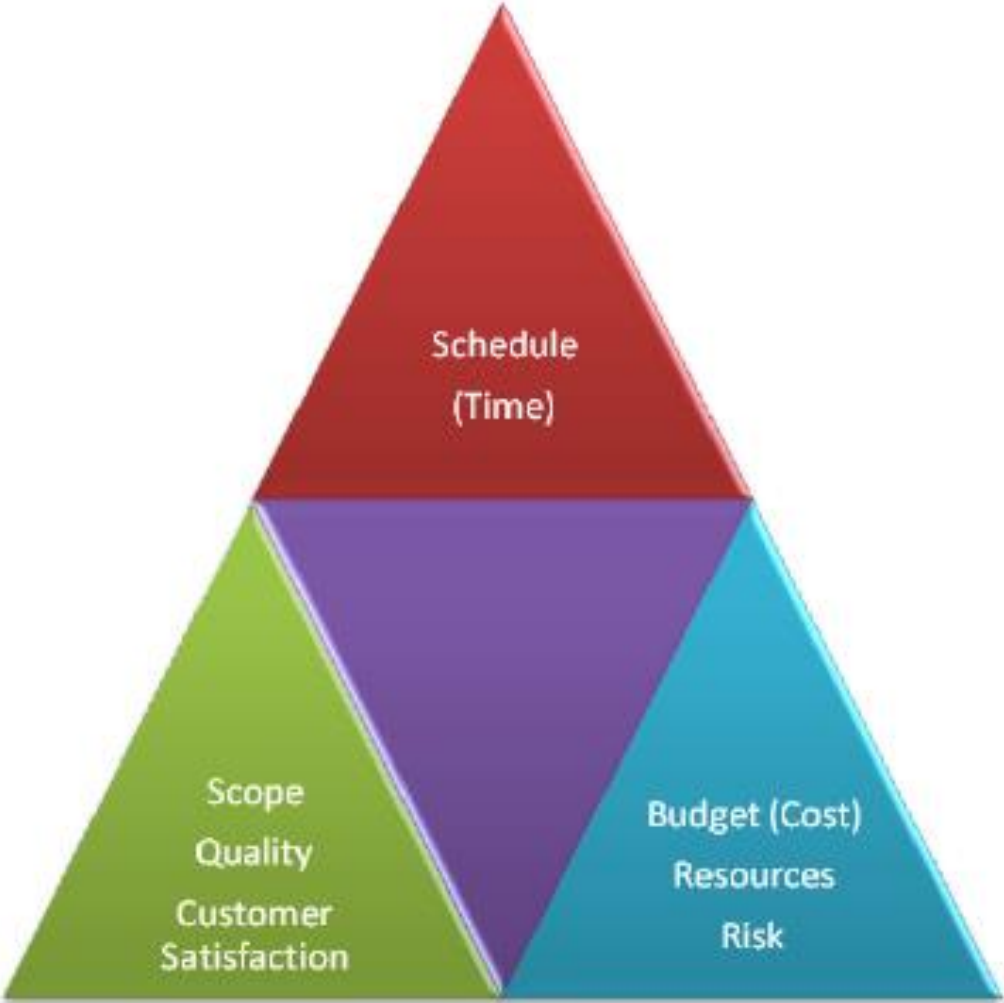
- Processes are described in terms of:
 - Inputs (documents, plans, designs, etc.)
 - Tools and Techniques (mechanisms applied to inputs)
 - Outputs (documents, products, etc.)



The Ten Knowledge Areas

- The ten knowledge areas that are crucial to the project management processes.
 - Project Integration Management
 - Project Scope Management
 - Project Schedule Management
 - Project Cost Management
 - Project Quality Management
 - Project Resources Management
 - Project Communications Management
 - Project Risk Management
 - Project Procurement Management
 - Project Stakeholder Management

The Triple Constraint



		Project Management Process Groups				
		Initiating	Planning	Executing	Monitoring & Controlling	Closing
Knowledge Areas	Project Integration Management	4.1 Develop Project Charter	4.2 Develop Project Management Plan	4.3 Direct and Manage Project Work 4.4 Manage Project Knowledge	4.5 Monitor and Control Project Work 4.6 Perform Integrated Change Control	4.7 Close Project or Phase
	Project Scope Management		5.1 Plan Scope Management 5.2 Collect Requirements 5.3 Define Scope 5.4 Create WBS		5.5 Validate Scope 5.6 Control Scope	
	Project Schedule Management		6.1 Plan Schedule Management 6.2 Define Activities 6.3 Sequence Activities 6.4 Estimate Activity Durations 6.5 Develop Schedule		6.6 Control Schedule	
	Project Cost Management		7.1 Plan Cost Management 7.2 Estimate Costs 7.3 Determine Budget		7.4 Control Costs	
	Project Quality Management		8.1 Plan Quality Management	8.2 Manage Quality	8.3 Control Quality	
	Project Resource Management		9.1 Plan Resource Management 9.2 Estimate Activity Resources	9.3 Acquire Resources 9.4 Develop Team 9.5 Manage Team	9.6 Control Resources	
	Project Communications Management		10.1 Plan Communications Management	10.2 Manage Communications	10.3 Monitor Communications	
	Project Risk Management		11.1 Plan Risk Management 11.2 Identify Risks 11.3 Perform Qualitative Risk Analysis 11.4 Perform Quantitative Risk Analysis 11.5 Plan Risk Responses	11.6 Implement Risk Responses	11.7 Monitor Risks	
	Project Procurement Management		12.1 Plan Procurement Management	12.2 Conduct Procurements	12.3 Control Procurements	
	Project Stakeholder Management	13.1 Identify Stakeholders	13.2 Plan Stakeholder Engagement	13.3 Manage Stakeholder Engagement	13.4 Monitor Stakeholder Engagement	

