3 : The Project Management Process Groups
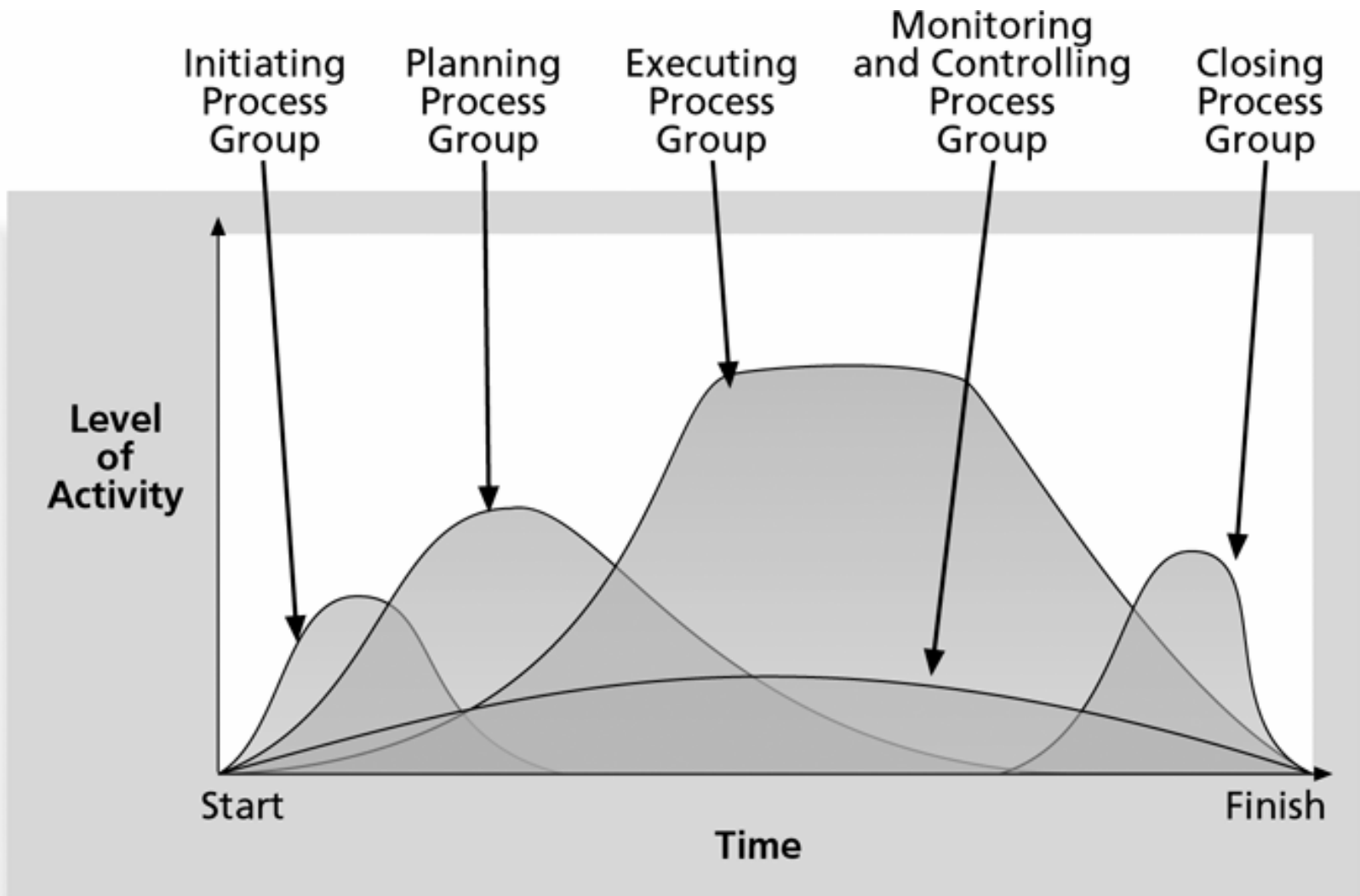
IT3206 – IT Project Management

Level II - Semester 4

Project Management Process Groups

- A process is a series of actions directed toward a particular result.

- Project management can be viewed as a number of interlinked processes.

- The project management process groups include:
    - Initiating processes
    - Planning processes
    - Executing processes
    - Monitoring and controlling processes
    - Closing processes

Level of Activity and Overlap of Process Groups Over Time

Mapping the Process Groups to the Knowledge Areas

- You can map the main activities of each PM process group into the nine knowledge areas by using the *PMBOK® Guide 2004.*

- Note that there are activities from <u>each</u> knowledge area under the planning process group.

- All initiating activities are part of the project integration management knowledge area.

Mapping the Process Groups to the Knowledge Areas

KNOWLEDGE AREA	PROJECT MANAGEMENT PROCESS GROUPS				
	INITIATING	PLANNING	EXECUTING	MONITORING & CONTROLLING	CLOSING
Project Integration Management	Develop project charter, Develop preliminary project scope statement	Develop project management plan	Direct and manage project execution	Monitor and control project work, Integrated change control	Close project
Project Scope Management		Scope planning, Scope definition, Create WBS		Scope verification, Scope control	
Project Time Management		Activity definition, Activity sequencing, Activity resource estimating, Activity duration estimating, Schedule development		Schedule control	
Project Cost Management		Cost estimating, Cost budgeting		Cost control	

Mapping the Process Groups to the Knowledge Areas (cont'd)

KNOWLEDGE AREA	PROJECT MANAGEMENT PROCESS GROUPS				
	INITIATING	PLANNING	EXECUTING	MONITORING & CONTROLLING	CLOSING
Project Quality Management		Quality planning	Perform quality assurance	Perform quality control	
Project Human Resource Management		Human resource planning	Acquire project team, Develop project team	Manage project team	
Project Communications Management		Communications planning	Information distribution	Performance reporting, Manage stakeholders	
Project Risk Management		Risk management planning, Risk identification, Qualitative risk analysis, Quantitative risk analysis, Risk response planning		Risk monitoring and control	
Project Procurement Management		Plan purchases and acquisitions, Plan contracting	Request seller responses, Select sellers	Contract administration	Contract closure

PMBOK® Guide 2004, p. 69