

BPP 1113



Introduction

- Lecture Outline
 - Introduction to Course
 - Focus of the Course
 - Course outline
 - Course Outcome
 - Course Assessment
 - References
 - Project Management Overview

Focus of the Course



Focus of the Course

- Provides basic foundation of Project Management
- Gives understanding and knowledge to students in relation to planning, leading, organizing, monitoring and control throughout the implementation of a project until completion.

Course Outline

1. Introduction to Project Management
2. The Project Manager
3. Organization Structure and Management
4. Conflict and Negotiation
5. Project Planning
6. Scheduling and Resource Allocation
7. Budgeting and Cost Estimation
8. Project Auditing
9. Project Termination

Course Outcome

- Understand how to start and plan any project regardless of size or complexity
- Develop a project plan including a Work Breakdown Structure (WBS)
- Use appropriate Project Management tools, procedures and techniques
- Know the importance of planning, control and monitoring of a project

References

- Burke, R. 2007. *Introduction to Project Management*. Burke Publishing.
- Kerzner, H. 2001. *Project Management: A System Approach to Planning, Scheduling and Controlling*. John Wiley & Sons, Inc.
- Articles and journals.
- Updated reference list in KALAM.

Project Management Overview

- Project Management Professional Organizations
- Project Management Institute (PMI) – core values, ethics, areas
- PMBOK Guide (Fifth Edition)
- 10 Knowledge Areas in Project Management

PM Professional Organizations

- Project Management Institute (PMI)
- Association for Project Management (APM)
- European Community Project Managers' Association (ECPMA)
- Institute Project Management Ireland
- International Project Management Association (IPMA)
- Project Management Austria (PMA)
- Software Engineering Institute (SEI)



- Body that recognizes the profession of Project Management
- World's leading not-for-profit membership association for the project management profession
- Leading professional association in Project Management
- More than half a million members and credential holders in 185 countries



PROJECT MANAGEMENT INSTITUTE

® Making project management indispensable for business results.™

- Worldwide advocacy for project management is supported by our globally-recognized standards and credentials
- PMI members comes from across many industries including construction, aerospace, automotive, business management, engineering, financial services, information technology (IT), pharmaceuticals, manufacturing and telecommunications
- Extensive research program
- Professional development opportunities

PMI Core Values

“Making Project Management Indispensable (Crucial) for Business Result”

- PMI is driven by a clear mission and an underlying set of values that drive how we act and influence the expectations of our stakeholders.
- Even as diverse organizations, we share a common set of values.

PMI Core Values

“Making Project Management Indispensable for Business Result”

- Our core values are not subjected to changes in the association and business environment or dictated by trends in organization management.
- These values are fundamental and deeply held.

PMI Core Values

“Making Project Management Indispensable for Business Result”

PMI believes in:

- **Project Management Impact**
Project management is a critical competency that has a positive influence on organization results and society.
- **Professionalism**
Accountability and ethical behaviour ensures our commitment to PMI stakeholders.
- **Volunteerism**
Volunteers and effective volunteer partnerships with staff are the best way to accomplish the Institute’s goals and objectives.

PMI Core Values

“Making Project Management Indispensable for Business Result”

PMI believes in:

- **Community**

Bringing members of the global project management community together is the best way to advance the project management profession and facilitate their growth.

- **Engagement**

Encouraging diverse viewpoints and enabling individuals to contribute to the project management profession and to the Institute.

PMI Code of Ethics and Professional Conducts

- Created by practitioners through the PMI's Ethics Standards Development Committee (ESDC)
- In 2006, the Code was re-evaluated and released with updated content, relevant for today's practitioners and organizations.

PMI's Credentials

- PMI offers a comprehensive certification program for practitioners with different levels of experience.
- The program supports a career framework in the project management profession.
- There are currently five credentials available and no one credential serves as a prerequisite for another.

PMI's Credentials (cont'd)

- PMI now offers specific certification for practitioners with different levels of experience:
 - Certified Associate of Project Management (CAPM)[®]
 - Project Management Professional (PMP)[®]
 - Program Management Professional (PgMP)[®]
 - PMI Scheduling Professional (PMI-SP)[®]
 - PMI Risk Management Professional (PMI-RMP)[®]

PMI's Credentials (cont'd)

What is PMP® & CAPM®

- Programs support the international community of Project Management Professionals and is designed to objectively assess and measures professional knowledge

PMI's Credentials (cont'd)

- **Certified Associate in Project Management (CAPM[®])**
 - Designed for project team members and entry-level project managers, who want a credential to communicate their value in project team performance
 - Qualified undergraduate and graduated students who want a credential to communicate their value in project team performance
 - CAPM will become a criterion for hiring decisions

PMI's Credentials (cont'd)

Certified Associate in Project Management (CAPM®)				
Certification Type	Minimum Education Requirements	Hours of Experience Needed		Project Management Training Hours
CAPM	High School Diploma, Associate Degree (or equivalent) AND	1500 hours of work on a project management team	OR	23hours

PMI's Credentials (cont'd)

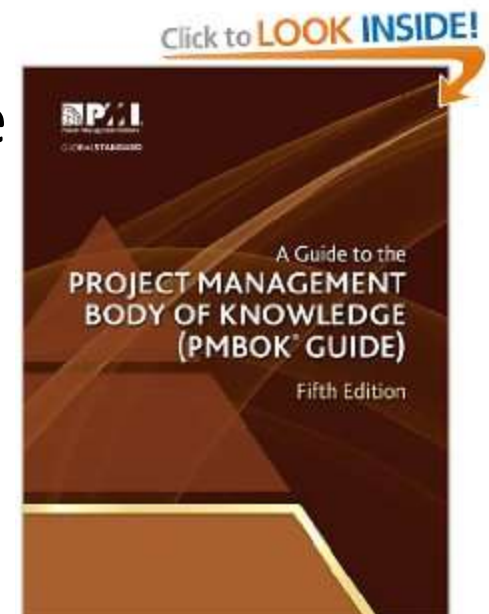
The PMI Family of Credentials

	CAPM [®]	PMI-SP [®]	PMI-RMP [®]	PMP [®]	PgMP [®]
Full Name	Certified Associate in Project Management	PMI Scheduling Professional	PMI Risk Management Professional	Project Management Professional	Program Management Professional
Project Role	Contributes to project team	Develops and maintains project schedule	Assesses and identifies risks and mitigates threats and capitalizes opportunities	Leads and directs project teams	Achieves an organizational objective through defining and overseeing projects and resources
Eligibility Requirements	High school diploma/global equivalent AND 1,500 hours experience OR 23 hours pm education	High school diploma/global equivalent 5,000 hours project scheduling experience 40 hours project scheduling education OR Bachelor's degree/global equivalent 3,500 hours project scheduling experience 30 hours project scheduling education	High school diploma/global equivalent 4,500 hours project risk management experience 40 hours project risk management education OR Bachelor's degree/global equivalent 3,000 hours project risk management experience 30 hours project risk management education	High school diploma/global equivalent 5 years project management experience 35 hours project management education OR Bachelor's degree/global equivalent 3 years project management experience 35 hours project management education	High school diploma/global equivalent 4 years project management experience 7 years program management experience OR Bachelor's degree/global equivalent 4 years project management experience 4 years program management experience
Steps to Obtaining Credential	application process + multiple-choice exam	application process + multiple-choice exam	application process + multiple-choice exam	application process + multiple-choice exam	3 evaluations – application panel review + multiple-choice exam + multi-rater assessment
Exam Information	3 hours; 150 questions	3.5 hours; 170 questions	3.5 hours; 170 questions	4 hours; 200 questions	4 hours; 170 questions
Fees	US\$225 PMI member (US\$300 non-member)	US\$520 PMI member (US\$670 non-member)	US\$520 PMI member (US\$670 non-member)	US\$405 PMI member (US\$555 non-member)	US\$1,500 PMI member (US\$1,800 non-member)
Credential Maintenance Cycles and Requirements	5 years; re-exam	3 years; 30 PDUs in project scheduling	3 years; 30 PDUs in risk management	3 years; 60 PDUs	3 years; 60 PDUs

For complete details on eligibility requirements, read the online handbook for the credential for which you plan to apply.

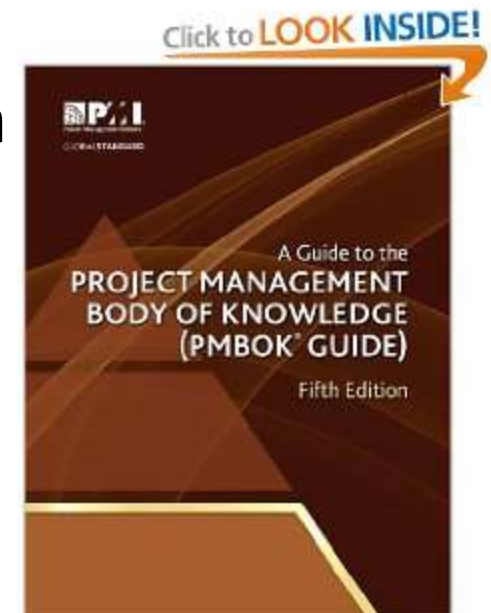
Project Management Body of Knowledge (PMBOK) Guide Fifth Edition

- The increasing acceptance of project management indicates that the application of appropriate knowledge, processes, skills, tools and techniques
- PMBOK® Guide identifies that subset of project management body of knowledge **generally recognized as good practice**



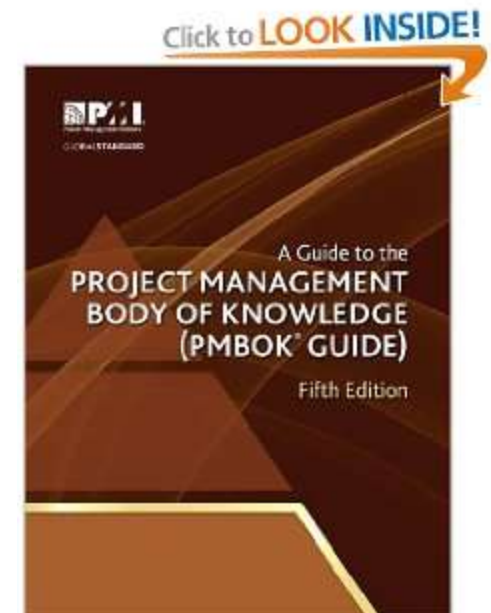
Project Management Body of Knowledge (PMBOK) Guide Fifth Edition (cont'd)

- Good Practice means there is general agreement that the application of these skills, tools, techniques can enhance the chances of success over a wide range of projects
- Nonetheless, the organization/project team are responsible to determine **what is appropriate for any given project**



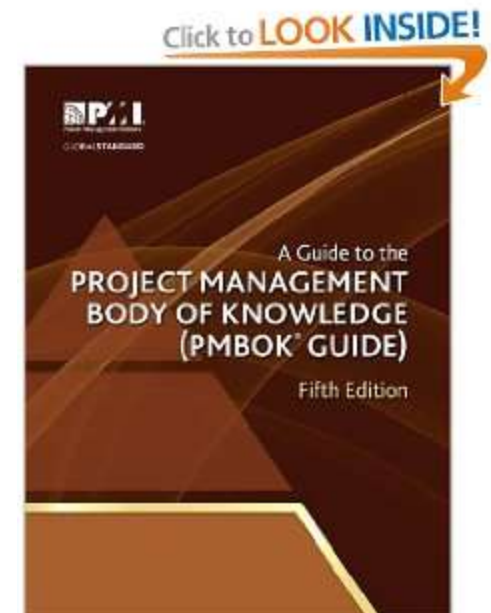
Project Management Body of Knowledge (PMBOK) Guide Fifth Edition (cont'd)

- Recognized **standard** for the project management profession
- Provides **guidelines** for managing individual projects
- It defines **project management** and **related concepts**
- Describe **Project Management Life Cycle** and the **related processes**



Project Management Body of Knowledge (PMBOK) Guide Fifth Edition (cont'd)

- PMBOK Guide (Fifth Edition) comprises of **THREE** sections:
 - Section 1 – **The Project Management Framework**
 - Section 2 – **The Standard for Project Management**
 - Section 3 – **The Project Management Knowledge Areas**



Project Management

10
Knowledge
Areas



Project Management Knowledge Areas (10 Areas) (cont'd)

Project Integration Management – Chapter 4

- Defines the processes and activities that integrate the various elements of project management

- Develop Project Charter
- Develop Project Management Plan
- Direct and Manage Project Execution
- Monitor and Control Project Work
- Perform Integrated Change Control
- Close Project or Phase

Project Management Knowledge Areas (10 Areas) (cont'd)

Project Scope Management – Chapter 5

- Shows the processes involved in ensuring the project includes all the work required, and only the work required for completing the project successfully
 - Collect Requirements
 - Define Scope
 - Create WBS
 - Verify Scope
 - Control Scope



Project Management Knowledge Areas (10 Areas) (cont'd)

Project Time Management – Chapter 6

- Focuses on the processes that are used to ensure the timely completion of the project
 - Define activities
 - Sequence activities
 - Estimate activity resources
 - Estimate activity durations
 - Develop schedule
 - Control schedule



Project Management Knowledge Areas (10 Areas) (cont'd)

Project Cost Management – Chapter 7

- Describes the processes involved in planning, estimating, budgeting and controlling costs so that the project can be completed within the approved budget
 - Estimate costs
 - Determine budget
 - Control costs



Project Management Knowledge Areas (10 Areas) (cont'd)

Project Quality Management – Chapter 8

- Describes the processes involved in planning for, monitoring, controlling and assuring the quality requirements of the project are achieved
 - Plan Quality
 - Perform Quality Assurance
 - Perform Quality Control



Project Management Knowledge Areas (10 Areas) (cont'd)

Project Human Resource Management – Chapter 9

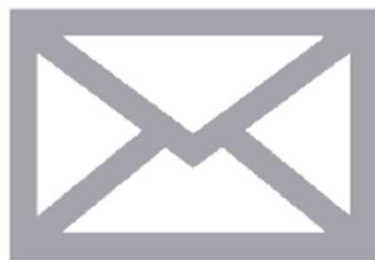
- Describes the processes involved in the planning, acquisition, development and management of the project team
 - Develop Human Resource Plan
 - Acquire Project Team
 - Develop Project Team
 - Manage Project Team



Project Management Knowledge Areas (10 Areas) (cont'd)

Project Communication Management – Chapter 10

- Identifies the processes involved in ensuring timely and appropriate operation, collection, dissemination, storage and ultimate disposition of project information
 - Plan communications
 - Distribute information
 - Manage stakeholder expectations
 - Report performance



Project Management Knowledge Areas (10 Areas) (cont'd)

Project Risk Management – Chapter 11

- Describes the processes involved in identifying, analyzing and controlling risks for the project
 - Plan Risk Management
 - Identify Risks
 - Perform Qualitative Risk Analysis
 - Perform Quantitative Risk Analysis
 - Plan Risk Responses
 - Monitor and Control Risks



Project Management Knowledge Areas (10 Areas) (cont'd)

Project Procurement Management – Chapter 12

- Describes the processes involved in purchasing or acquiring products, services or results for the project
 - Plan Procurements
 - Conduct Procurements
 - Administer Procurements
 - Close Procurements



Project Management Knowledge Areas (10 Areas) (cont'd)

Project Stakeholder Management – Chapter 13

- 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.
 - Identify Stakeholder
 - Plan Stakeholder Management
 - Manage Stakeholder Engagement
 - Control Stakeholder Engagement



Thank you...

Questions?

