

<첨부1> 강의 계획서(요약)

Course title: Advanced Project Management

Course overview:

This five-day, specialized level course is for project managers, asset & resource managers, project control managers, and project engineers seeking an in-depth understanding of key topics associated with large domestic and international projects. This course is primarily aimed at "Value Transference" and not just focused at the efficient demonstration of Project Management Tools & Techniques related knowledge.

1. Name of instructor: **M. Salman Bilal**

2. Level of training: **Advanced**

3. Training contents:

This course provides advanced knowledge in project governance, risk management, reviews and approvals, stakeholder management, joint venture and non-operated projects, interface communication management, management information systems, contract strategy, and engineering & technology management.

4. Training schedule (summary)

Date	Program	Mode/Approach
Day 1	Project Governance for Advance Project Management	Artifact Illustrations / Models
Day 2	Risk Management Challenges, Reviews & Approvals	Facilitated Workshops
Day 3	Stakeholder Management, Interface Management & MIS	Class Activity & Simulations
Day 4	Contract Strategy & Procurement Management (JV, etc.)	Contracts Reviews / Activities
Day 5	Engineering & Technology Management	Case Study & Field Scenarios

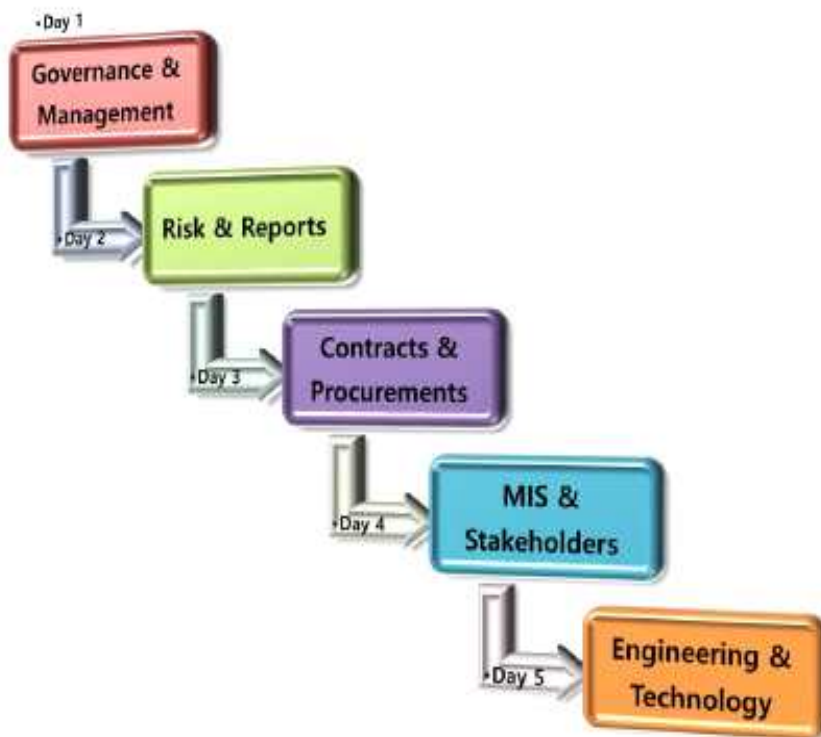
5. Daily lesson plan

Day 1	0900 - 1300	DAY 1 ~ Project Governance for Advance Project Management <ul style="list-style-type: none"> Project Governance versus Project Management (<i>Critique</i>) Project Governance: Domains & Functions (<i>Graphical Interpretations</i>) Governance Framework for Asset Management (<i>Class Activity</i>) Organizational Project Management (OPM) Governance (<i>Model</i>)
		1300 - 1400

	1400 - 1700	<ul style="list-style-type: none"> • OPM & Governance Interactions (<i>Interconnectivity Paradigm</i>) • Governance Structures & Governance Responsibility Assignment Matrix (<i>Case</i>) • Governance at Project Level (<i>Facilitated Workshop ~ Job based Scenarios</i>)
Day 2	0900 - 1300	DAY 2 ~ Risk Management Challenges, Reviews & Approvals <ul style="list-style-type: none"> • Risk Management versus Risk Governance (<i>Critique</i>) • Risk Appetite & Stakeholders revised Risk Tolerance (<i>Class Activity</i>) • Risk Management Plan (RMP) & Risk Matrix (RM) Color Coding (<i>Case</i>) • RMP Development (<i>Workshop</i>)
	1300 - 1400	Lunch
	1400 - 1700	<ul style="list-style-type: none"> • Risk Identification (<i>Workshop</i>) • Risk Review: Qualitative versus Quantitative Risk Analyses (<i>MC Interpretation</i>) • Risk Register Approval & Deployment (<i>Artifact Development</i>)
Day 3	0900 - 1300	DAY 3 ~ Contract Strategy & Procurement Management <ul style="list-style-type: none"> • Business Strategy triggered Contracts Types • Procurement Management specific Contracts (<i>Artifacts Illustration</i>) • Risk Management based Contractual Decision-making (<i>Class Activity</i>) • Contract Selection Criteria Evolution (<i>Workshop</i>)
	1300 - 1400	Lunch
	1400 - 1700	<ul style="list-style-type: none"> • Statement Of Work (SOW), Project SOW & Procurement SOW (<i>Critique</i>) • Bidders Conference Dynamics (<i>Class Activity</i>) • Contract Change/Termination Management (<i>Artifacts Illustration</i>)
Day 4	0900 - 1300	DAY 4 ~ Stakeholder, MIS & Interface Management <ul style="list-style-type: none"> • Stakeholder Engagement Management • Stakeholder Analyses at Portfolio, Program & Project Levels (<i>Class Activity</i>) • Stakeholder Register & Interface Management (<i>Artifacts Illustration</i>) • Communication Management Analysis & Calculation (<i>Workshop</i>)
	1300 - 1400	Lunch
	1400 - 1700	<ul style="list-style-type: none"> • IT to IS ~ Paradigm Shift (<i>Critique</i>) • Re-configuring MIS in line with Business Analysis Protocols (<i>Business Case Scenario</i>) • Project Management Information System (<i>PMIS Simulation Illustration</i>)
Day 5	0900 - 1300	DAY 5 ~ Engineering & Technology Management <ul style="list-style-type: none"> • Engineering Management Critical Success Factors • Engineering Design Challenges ~ Strategic Enablers (<i>Artifacts Illustration</i>) • New Product Development ~ Carbon Numbers (<i>Documentary based Discussion</i>) • Pneumatics to Electronics to Artificial Intelligence (<i>Case: Petrochemical integrating Petroleum Industry ~ PLC to SCADA to TMR to AI</i>)
	1300 - 1400	Lunch

	1400 - 1700	<ul style="list-style-type: none"> Integrating Engineering Design with Technology (<i>Standards Illustration</i>) Business-Engineering Integration (<i>RS-SQL: Overlapping Business & Engineering Paradigms</i>) Counting SLC Project for QC & Risk Management (<i>Case Study</i>)
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Training Dynamics (*Day wise*):



Introduction of lecturer (submission of curriculum vitae required): Attached