

COURSE OVERVIEW PM0090J1
Project & Construction Management – Advanced
(Aligned with PMI Requirements)

Course Title

Project & Construction Management-Advanced
(Aligned with PMI Requirements)



Course Date/Venue

Session 1: April 27- May 01, 2025/Crowne Meeting Room, Crowne Plaza Al Khobar, KSA
 Session 2: December 07-11, 2025/Boardroom 1, Elite Byblos Hotel Al Barsha, Sheikh Zayed Road, Dubai, UAE

Course Reference

PM0090J1

Course Duration/Credits

Five days/3.0 CEUs/30 PDHs



Course Description



This practical and highly-interactive course includes various practical sessions and exercises. Theory learnt will be applied using our state-of-the-art simulators.



This course covers the main training requirements in line with the **Project Management Institute (PMI)** to enable the participants to sit for the PMI examination that will lead to their registration as “**Project Management Professionals**” (PMP).



Management will benefit through the use of the principles of time and cost control as advocated in the Project Management Body of Knowledge (PMBOK) of the PMI. Sound principles and Tools make the control of one’s resources practical and efficient. Participants will clearly understand and use the philosophies, basic tools and techniques of project management. Further, they will understand the risks and pitfalls in administration, scope management, people management, pricing and control in projects and preventive actions to minimize project risks. The course will enable participants to apply techniques for project feasibility analysis, and analyze project viability (payback, technological and operational).

This course is in line with the **PMI (Project Management Institute)** training requirements and with the relevant experience will enable the participant to apply to the PMI for acceptance to their examination for the PMI licenses. (Details of the full PMI requirements are available on the PMI web-page, www.pmi.org)

The course is carefully developed to reflect the best practices that also match the training requirements of distinguished professional organizations such as the Project Management Institute (**PMI**) and **FIDIC**. The Professional Development Units/Hours (**PDUs**) or Continuing Education Units (**CEUs**) awarded to our participants are recognized by the Project Management Institute (**PMI**) and by the International Association for Continuing Education & Training (**IACET-USA**).

The course includes a comprehensive e-book entitled “*A Guide to the Project Management Body of Knowledge (PMBOK Guide)*”, published by Project Management Institute, which will be given to the participants to help them appreciate the principles presented in the course.

Course Objectives

Upon the successful completion of this course, each participant will be able to:-

- Apply and gain advanced knowledge on various functions, techniques, procedures and requirements of project and construction management in line with the PMI standards
- Review the project management planning techniques including its scope, activities, networks, schedules and costs
- Identify the different kinds of project management control techniques and become familiar with the project management organizing and leadership
- Explain the purpose and scope of project charter and improve risk management process and application
- Employ quality management in construction project and acquire knowledge on life cycles and milestones including their features, importance and use
- Gain knowledge on the elements of HR in projects and recognize the significance of people and interaction management
- Determine the importance of scope control management and present scenarios and cases of scope control in construction
- Carryout project acceleration techniques and use the various key factors to be considered in managing construction contracts
- Carryout project selection using feasibility, viability and project payback and explain the elements and concerns of project pricing

Exclusive Smart Training Kit - H-STK®



Participants of this course will receive the exclusive “Haward Smart Training Kit” (**H-STK®**). The **H-STK®** consists of a comprehensive set of technical content which includes **electronic version** of the course materials conveniently saved in a **Tablet PC**

Who Should Attend

This course provides an advanced overview of project and construction management for managers, engineers and supervisors who already have knowledge of project management techniques and tools as well as for the managers who are directly responsible for projects and need to manage the task professionally. The course is also beneficial for those who want to know about pitfalls in their environments when managing project management consultants.

PMI Recognition of Haward Courses

The Project Management Institute (**PMI**) recognizes Haward's Certificates and Continuing Education Units (CEUs).

The recognition and acceptance of our PDUs/CEUs fall under Categories E, F and G of PMI's "Professional Education" section at the PMP Application. Hence, what the delegates simply need to do is to complete this section as part of the PMP Application and submit it to PMI upon the receipt of Haward's certificates and ANSI/IACET's CEUs. PMI will automatically accept the delegates with 30 Contract Honors as a fulfillment of the required Professional Education.

Haward Technology, being the first **Authorized Provider** of the International Association for Continuing Education & Training (**IACET-USA**) in the Middle East, is authorized to award ANSI/IACET **CEUs** that are automatically accepted and recognized by the Project Management Institute (**PMI**).

Training Methodology

All our Courses are including **Hands-on Practical Sessions** using equipment, State-of-the-Art Simulators, Drawings, Case Studies, Videos and Exercises. The courses include the following training methodologies as a percentage of the total tuition hours:-

- 30% Lectures
- 20% Practical Workshops & Work Presentations
- 30% Hands-on Practical Exercises & Case Studies
- 20% Simulators (Hardware & Software) & Videos

In an unlikely event, the course instructor may modify the above training methodology before or during the course for technical reasons.
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Course Fee

US\$ 5,500 per Delegate + **VAT**. This rate includes Participants Pack (Folder, Manual, Hand-outs, etc.), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Accommodation

Accommodation is not included in the course fees. However, any accommodation required can be arranged at the time of booking.

Course Certificate(s)

(1) Internationally recognized Wall Competency Certificates and Plastic Wallet Card Certificates will be issued to participants who completed a minimum of 80% of the total tuition hours and successfully passed the exam at the end of the course. Certificates are valid for 5 years.

Recertification is FOC for a Lifetime.

Sample of Certificates

The following are samples of the certificates that will be awarded to course participants:-





- (2) Official Transcript of Records will be provided to the successful delegates with the equivalent number of ANSI/IACET accredited Continuing Education Units (CEUs) earned during the course.

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Haward Technology Middle East
Continuing Professional Development (HTME-CPD)

CEU Official Transcript of Records

TOR Issuance Date: 28-Apr-17
HTME No. PAR11317
Participant Name: Nawaf Al Hafeti

Program Ref.	Program Title	Program Date	No. of Contact Hours	CEU's
PM090J1	Project & Construction Management - Advanced (Aligned with PMI Requirements)	April 24-28, 2017	35	3.5

Total No. of CEU's Earned as of TOR Issuance Date **3.5**

TRUE COPY

Maricel De Guzman
Academic Director

Haward Technology has been approved as an Authorized Provider by the International Association for Continuing Education and Training (IACET), 1760 Old Meadow Road, Suite 500, McLean, VA 22102, USA. In obtaining this approval, Haward Technology has demonstrated that it complies with the ANSI/IACET 1-2013 Standard which is widely recognized as the standard of good practice internationally. As a result of their Authorized Provider membership status, Haward Technology is authorized to offer IACET CEUs for programs that qualify under the ANSI/IACET 1-2013 Standard.

Haward Technology's courses meet the professional certification and continuing education requirements for participants seeking Continuing Education Units (CEUs) in accordance with the rules & regulations of the International Association for Continuing Education & Training (IACET). IACET is an international authority that evaluates programs according to strict, research-based criteria and guidelines. The CEU is an internationally accepted uniform unit of measurement in qualified courses of continuing education.


Haward Technology is accredited by

P.O. Box 26070, Abu Dhabi, United Arab Emirates | Tel.: +971 2 3091 714 | Fax: +971 2 3091 716 | E-mail: info@haward.org | Website: www.haward.org



Certificate Accreditations

Certificates are accredited by the following international accreditation organizations: -

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British Accreditation Council (BAC)

Haward Technology is accredited by the **British Accreditation Council** for **Independent Further and Higher Education** as an **International Centre**. BAC is the British accrediting body responsible for setting standards within independent further and higher education sector in the UK and overseas. As a BAC-accredited international centre, Haward Technology meets all of the international higher education criteria and standards set by BAC.

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The International Accreditors for Continuing Education and Training (IACET - USA)

Haward Technology is an Authorized Training Provider by the International Accreditors for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 600, Herndon, VA 20171, USA. In obtaining this authority, Haward Technology has demonstrated that it complies with the **ANSI/IACET 2018-1 Standard** which is widely recognized as the standard of good practice internationally. As a result of our Authorized Provider membership status, Haward Technology is authorized to offer IACET CEUs for its programs that qualify under the **ANSI/IACET 2018-1 Standard**.

Haward Technology’s courses meet the professional certification and continuing education requirements for participants seeking **Continuing Education Units** (CEUs) in accordance with the rules & regulations of the International Accreditors for Continuing Education & Training (IACET). IACET is an international authority that evaluates programs according to strict, research-based criteria and guidelines. The CEU is an internationally accepted uniform unit of measurement in qualified courses of continuing education.

Haward Technology Middle East will award **3.0 CEUs** (Continuing Education Units) or **30 PDHs** (Professional Development Hours) for participants who completed the total tuition hours of this program. One CEU is equivalent to ten Professional Development Hours (PDHs) or ten contact hours of the participation in and completion of Haward Technology programs. A permanent record of a participant’s involvement and awarding of CEU will be maintained by Haward Technology. Haward Technology will provide a copy of the participant’s CEU and PDH Transcript of Records upon request.

Course Instructor(s)

This course will be conducted by the following instructor(s). However, we have the right to change the course instructor(s) prior to the course date and inform participants accordingly:



Dr. Joe Nel, PEng, PhD, MSc, MBA, BSc, PMI-PMP, is **Senior Project Management Consultant** with over **20 years** of experience within the **Oil, Gas** and **Petrochemical** industries. His expertise includes **Advanced Construction Management, Project Management, Project Risk Management, Risk Identification Tools & Techniques, Project Life Cycle, Project Stakeholder & Governance, Project Management Processes, Project Governance & Stage Management, Project Management Methodology, Project Integration Management, Project Management Plan, Project Work Monitoring & Control, Project Scope Management, Project Time Management, Project Cost Management, Project Quality Management, Value Engineering, Quality Assurance, Project Human Resource Management, Project Communications Management, Contract Management, Logistics & Supply Chain Management, Materials Management, Asset Management, Procurement & Purchasing Management, Quality Management System (QMS), Business Management, Time Management, Performance Management, Construction Management, Negotiation & Presentation Skills, Supervisory & Management Skills, Purchasing, Warehousing, Coaching & Mentoring and Strategic Decision Making**. Further, his experience includes resource management, systems development, financial analysis & forecast, risk identification & analysis and material appraisal. He is currently the **Senior Consultant** wherein he is responsible of the project management systems and processes.

During Dr. Nel’s career life, he has shared his knowledge and practical expertise through numerous trainings worldwide and as a **Professor, Lecturer & Facilitator** of various **universities**. He has shown his expertise in challenging positions such as the **Project Manager, Senior Consultant, Senior Trainer, Office Manager, General Production Manager, Junior Design Engineer and Site Engineer**.

Dr. Nel is a **Registered Professional Engineer** by **ECSA**, has **PhD in Industrial Engineering, Master’s degrees in Civil Engineering and Business Administration (MBA)** and a **Bachelor’s degree in Civil Engineering** from the **University of Stellenbosch**. Further, he is an active **member** of the South African Institute of Civil Engineers (**SAICE**), the Institute of Municipal Engineers South Africa (**IMESA**) and the Project Management South Africa (**PMSA**). Moreover, he is a **Certified Internal Verifier/Assessor/Trainer** by the **Institute of Leadership & Management (ILM)** a **Certified Instructor/Lecturer, Project Management Professional** and has certifications in **PRINCE2 Foundations** and **Construction Management Program**. He has delivered numerous trainings, workshops, seminars, courses and conferences internationally.

Course Program

The following program is planned for this course. However, the course instructor(s) may modify this program before or during the course for technical reasons with no prior notice to participants. Nevertheless, the course objectives will always be met:

Day 1

0730 – 0800	Registration & Coffee
0800 – 0815	Welcome & Introduction
0815 – 0830	PRE-TEST
0830 – 0930	Module 1- Introduction Administration • Introduction to Advanced Project Management • Project Management Functions of Plan, Organise, Lead & Control
0930 - 0945	Break
0945 – 1100	Module 2- Project Management Planning Techniques Review Planning – Scope & Activities • Planning Networks, Schedules & Costs • Planning Exercises
1100 – 1230	Module 3- Project Management Control Techniques Review Control Techniques
1230 – 1245	Break
1245 - 1425	Assignment for Day 4 Preparation
1425 – 1430	Recap
1430	Lunch & End of Day One

Day 2

0730 – 0800	Review Home Work for Day One
0800 – 0930	Module 3- Project Management Control Techniques Review (cont'd) Control Exercises
0930 - 0945	Break
0945 – 1100	Module 4- Project Management Organising & Leadership Review Administration, Feedback, Organisation & Leading
1100 – 1230	Module 5- Project Charter Purpose and Scope • Examples and Discussions
1230 – 1245	Break
1245 - 1425	Module 6- Risk Management Risk Management Definition and Process • Application of Risk Management • Causes of Project Failure
1425 – 1430	Recap
1430	Lunch & End of Day Two

Day 3

0730 – 0800	Review Home Work for Day Two
0800 – 0930	Module 7- Quality Management Elements of Quality • Quality in Construction Projects
0930 - 0945	Break
0945 – 1100	Module 8- Life Cycles & Milestones Life Cycle Definition & Costing • Use of Milestones in Construction



1100 – 1230	Module 9- HR in Projects <i>Elements of People Management</i>
1230 – 1245	<i>Break</i>
1245 - 1425	Module 9- HR in Projects (cont'd) <i>Organising: Cases in HR, Workshop • Interaction Management</i>
1425 – 1430	Recap
1430	<i>Lunch & End of Day Three</i>

Day 4

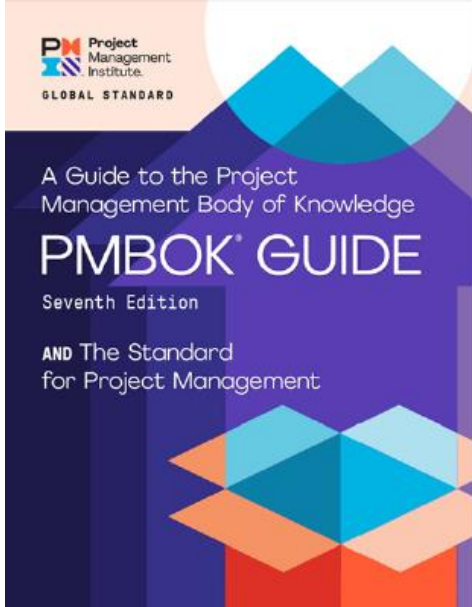
0730 – 0800	Module 9- HR in Projects (cont'd) <i>Hand in Assignment from Day 1 • Review Home work for Day Three</i>
0800 – 0930	Module 10- Scope Control Management <i>Importance of Scope Control • Methods in Managing Scope Control</i>
0930 - 0945	<i>Break</i>
0945 – 1100	Module 10- Scope Control Management (cont'd) <i>Scope Control Cases –Workshop • Scope Control in Construction</i>
1100 – 1230	Module 11- Project Acceleration Techniques <i>Reasons for Acceleration • Considerations Before Acceleration • Methods for Acceleration</i>
1230 – 1245	<i>Break</i>
1245 - 1425	Module 12- Contracts <i>Contracting Parties • Contract Elements • Proposals/ Request for Proposals • Workshop- Construction Contracts • Managing Contractors</i>
1425 – 1430	Recap
1430	<i>Lunch & End of Day Four</i>

Day 5

0730 - 0830	<i>Review Home Work for Day Four</i>
0830 – 0845	<i>Break</i>
0845 – 1045	Module 13- Project Selection <i>Project Feasibility • Project Viability</i>
1045 – 1200	Module 13- Project Selection (cont'd) <i>Project Payback</i>
1200 – 1215	<i>Break</i>
1215 - 1300	Module 14- Project Pricing <i>Elements & Concerns</i>
1300 – 1315	Course Conclusion
1315 – 1415	COMPETENCY EXAM
1415 – 1430	<i>Presentation of Course Certificates</i>
1430	<i>Lunch & End of Course</i>

Book(s)

As part of the course kit, the following e-book will be given to all participants:-

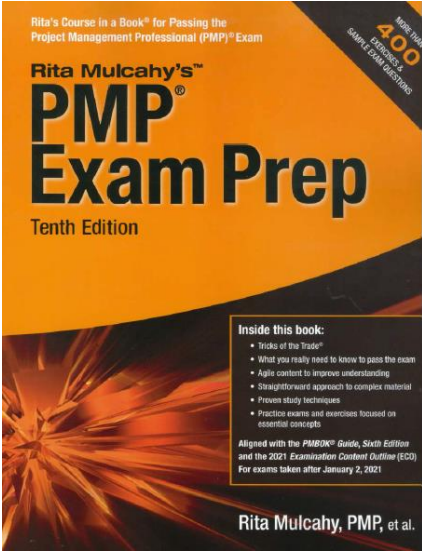


Title: A Guide to the Project Management Body of Knowledge (PMBOK Guide)-

ISBN: 978-1628256642

Author: Project Management Institute

Publisher: Project Management Institute



Title : Rita Mulcahy's PMP Exam Prep,

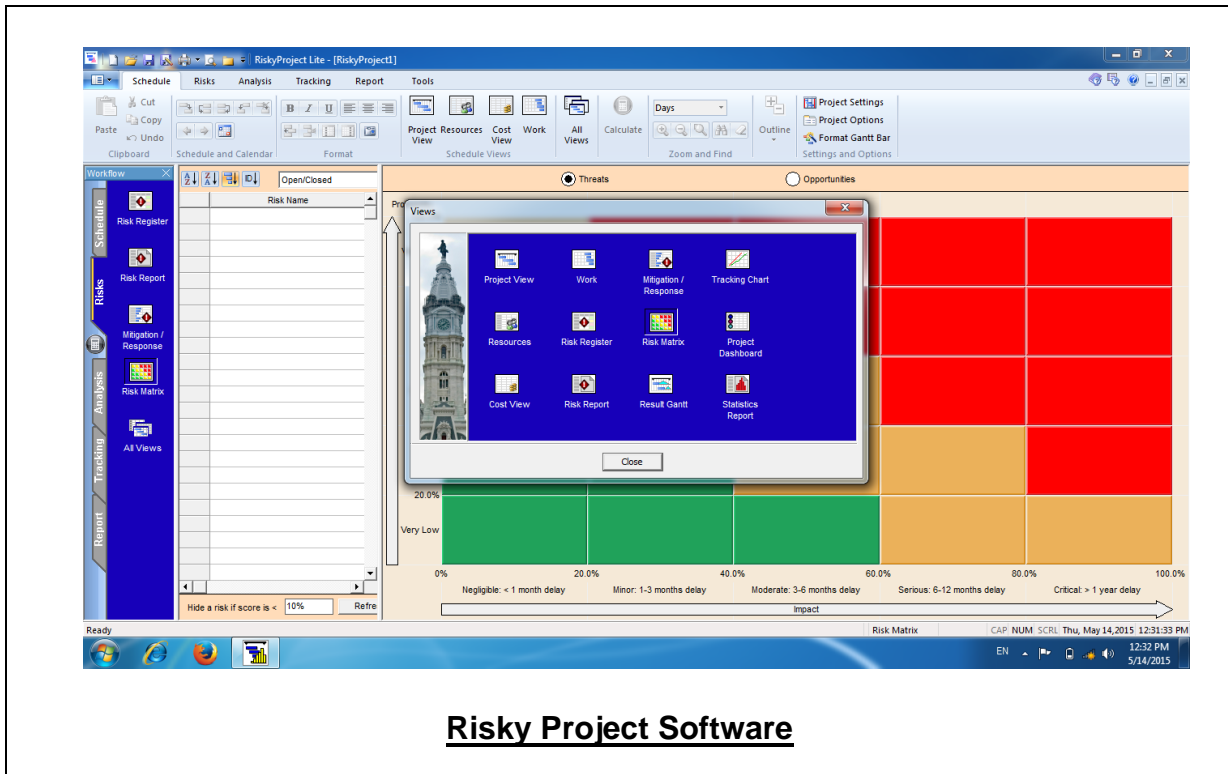
ISBN : 978-1932735659

Author : Rita Mulcahy

Publisher: Rmc Pubns Inc

Simulator (Hands-on Practical Sessions)

Practical sessions will be organized during the course for delegates to practice the theory learnt. Delegates will be provided with an opportunity to carryout various exercises using “MS Project” and “Risky Project Software”.



Course Coordinator

Mari Nakintu, Tel: +971 2 30 91 714, Email: mari1@haward.org