

COURSE OVERVIEW PM0090
Advanced Project & Construction Management

Course Title

Advanced Project & Construction Management

Course Date/Venue

August 30-September 03, 2026/Meeting Room F, Centro Corniche Al Khobar by Rotana, Al Khobar, KSA

Course Reference

PM0090



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 software tools.



This course is designed to provide participants with a detailed and up-to-date overview of Advanced Project and Construction Management. It covers the project management framework and project management office (PMO); the strategic alignment and business management skills, delivering value, benefits and people change management; the project oversight structure, project alignment, stakeholder management, identification and analysis; and the collaborative team culture, build hybrid teams and discuss virtual team communication technology.



Further, the course will also discuss the shared perspective, project approach and project plan; the requirements, work breakdown structure (WBS) and schedule; the resource management plan, financial management, risk management, quality management and integration planning; and the leadership skills, collaborative project team culture and team accountability.

During this interactive course, participants will learn the team member performance, communicating and collaborating with stakeholders, training, coaching and mentoring; the conflict management, continuous improvement (CI) mindset, performance optimization and project progress evaluation; the project issues, impediments, project changes and project/phase completion; and the benefits realization management (BRM) and knowledge management during closure.

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/Outcomes & Benefits for the Participants

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
- Discuss project management framework and project management office (PMO)
- Explain strategic alignment and business management skills, delivering value and benefits and people change management
- Recognize project oversight structure and apply project alignment and stakeholder management, identification and analysis
- Foster a collaborative team culture, build hybrid teams and discuss virtual team communication technology
- Establish a shared perspective, choose the project approach and establish project plan
- Identify requirements, create work breakdown structure (WBS) and develop schedule
- Apply resource management plan, financial management, risk management, quality management and integration planning
- Develop leadership skills, build a collaborative project team culture and promote team accountability
- Support team member performance, communicate and collaborative with stakeholders and apply training, coaching and mentoring
- Carryout conflict management, continuous improvement (CI) mindset, performance optimization and project progress evaluation
- Manage project issues and impediments, project changes and project/phase completion
- Apply benefits realization management (BRM) and knowledge management during closure

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.

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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Learning Design & Customization

This course can be customized to the exact requirements of clients. Haward Technology is so proud of our huge capabilities in tailoring our courses to the training needs of our valued clients.

Course Fee

US\$ 5,500 per Delegate + **VAT**. This rate includes H-STK® (Haward Smart Training Kit), 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 Competency 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:-



Certificate Accreditations

Haward's 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**. Haward's certificates are internationally recognized and accredited by the British Accreditation Council (BAC). 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. Chris Le Roux, PhD, M.Com, B.Com (Hons), PMP, Industrial Psychologist (HPCSA Reg.), PMI-ATP Instructor PMI-PMP, PMI-CAPM Instructor is a **Senior Management Consultant & Project Management Professional** with over **30 years** of combined engineering, managerial, consulting, counseling, and international training experience across Africa, the Middle East, the Gulf region, and Europe. His expertise lies extensively in the areas of **Project & Contracts** Management Skills, **Project & Construction** Management, **Project** Planning, Scheduling, Cost Control, and Earned Value Management, **Project** Management (**Predictive, Agile, and Hybrid**), **PMO** setup and governance, **Project** Delivery & Governance Framework, **Project** Management Practices, **Project** Management Disciplines, **Risk** and **Contract** Management (including contract development, tendering, dispute resolution, and claims), **Risk** Identification Tools & Techniques, **Project** Life Cycle, **Stakeholder** Management and **Communication**, **Performance Coaching** and **Difficult Conversations**, **Project** Management Processes, **Project** Integration Management, **Project** Management Plan, **Project** Work Monitoring & Control, **Project** Scope Management, **Project** Time Management, **Project** Cost Management, **Project** Quality Management, **Quality** Assurance, **Project** Human Resource Management, **Project** Communications Management, **Leadership** Orientation Programme, **Leadership & Team** Development, **Psychology of Leadership**, **Interpersonal Skills & Teamwork**, **Coaching & Mentoring**, **Innovation & Creativity**, **Leadership & Performance** Management, **Leadership** Communication, **Leadership** Excellence for Senior Management, **Supervisory**, **Leadership**, **Coaching & Mentoring**, **Leadership**, **Communications & Interpersonal Skills**, **Administrative** Leadership Skills, **Office** Management & **Administration** Skills, **Contract** Management, **Tender** Development, **Contract** Standards & Laws, **Dispute** Resolution & **Risk** Identification, Myers-Briggs Type Indicator (**MBTI**), **Organization** Development Consultation, Advanced Debriefing of **Emotional** Trauma, **Interpersonal** Motivation, **Model Based** Interviewing, **Coaching & Motivation**, **Creative** Thinking & **Problem-Solving** Techniques, **Emotional** Intelligence and **Resilience**, **Presentation** Skills, **Communication & Interpersonal** Skills, **Effective** Communication & **Influencing** Skills, **Effective** Business Writing Skills, **Writing** Business Documents, **Business** Writing (Memo & Report Writing), **Controlling** Your Time & **Managing** Stress, **Crisis** Management and **Decision-Making** Under Pressure; and **Customer** Experience, **Service** Excellence, and **Negotiation** Skills, **Strategic** Human Resources Management, **Change** Management and **Organizational** Development, **Human** Capital and **Talent** Management (succession planning, performance management, competency frameworks, and behavioral assessment), **Strategic** Planning and **Execution**, **Project** Risk Analysis & Risk Management, **Global** Diverse & **Virtual** Teams Operation, **Exceeding** Customer Expectations, **Corporate** Governance Best Practice, **Business** Performance Management & Improvement, **Building** Environment of **Trust & Commitment**, **Win-Win** Negotiation Strategies, **Quality** Improvement & **Resource** Optimization, **Neuro** Linguistic Programming (**NLP**), **Personal** Resilience Developing, **Effective** Role Modelling & Development, **Managing** Dynamic Work Environments, **Organizational** Development, **Career** Management, **Situation & Behaviour** Analysis, **Interpersonal** Motivation Skills, **Inventory** Management and **Financial** Administration. Further, he has also led or supported Training Needs Analyses (**TNA**), large-scale capability development programs, and leadership pipelines for technical, operational, and graduate employees.

During his career life, Dr. Le Roux has gained his academic and field experience through his various significant positions and dedication as the **Training & Development** General Manager, **Departmental** Head (**Electrical**), **Project** Manager, **Account** Manager, **Commercial** Sales Manager, **Manager**, **Sales** Engineer, **Project** Specialist, **Psychology** Practitioner, **Senior** Consultant/Trainer, **Business** Consultant, **Assistant** Chief Education Specialist, **ASI** Coordinator, **Part-time** Lecturer/Trainer, **PMP & Scrum** Trainer, **Assessor & Moderator**, **Team** Leader, **Departmental** Head, **Senior** HR Consultant, **Senior** Lecturer / **Academic** Supervisor, **Technical** Instructor/Qualifying Technician, **Apprentice** Electrician: **Signals**, **International** Trainer, and **Part-Time** Electrician from various companies and universities such as the **South** African Railway (**SAR**), **Department** of Education & Culture, **ESKOM**, **Logistic** Technologies (Pty. Ltd), **Human** Development: Consulting Psychologies (**HD**CP) & **IFS**, **Mincon**, **Eagle** Support Africa, **Sprout** Consulting, **UKZN**, **Grey** Campus, **Classis** Seminars and **CBM** Training.

Dr. Le Roux has a **PhD** in **Leadership** in **Performance & Change**, a **Master's** degree in **Human** Resource Management, a **Bachelor's** degree (with Honours) in **Industrial** Psychology, a **National** Higher Diploma and a **National** Technical Diploma in **Qualified** Electrical & **Mechanical** Engineering from **Germiston** College, **South** Africa. Further, he is a **Certified** Project Management Professional (**PMP**), a **PMI** Authorized Training Partner (**ATP**) Instructor, a **Certified** Associate in Project Management (**PMI-CAPM**), a **Certified** Scrum Master Trainer by the **VM**Edu, a **Certified** Instructor/Trainer and a **Certified** Internal Verifier/Assessor/Trainer by the **Institute** of Leadership & Management (**ILM**). Moreover, he is a **Registered** Industrial Psychologist by the **Health** Professions Council of **South** Africa (**HPCSA**), a **Registered** Educator by the **South** African Council for Educators (**SACE**) and a **Registered** Facilitator, **Assessor & Moderator** with Education, Training and Development Practices (**ETDP**) **SETA**. He has further delivered numerous trainings, courses, seminars, conferences and workshops globally.



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: Sunday, 30th of August 2026

0730 – 0800	Registration & Coffee
0800 – 0815	Welcome & Introduction
0815 – 0830	PRE-TEST
0830 – 0930	Project Management Framework What is a Project? • Project Management Office (PMO) • Projects, Programs, Portfolios • Tailor Projects to Contexts
0930 - 0945	Break
0945 – 1030	Strategic Alignment Strategic Alignment and Business Management Skills • Know the Project Environment • Know the External Environment • Internal Business Environment Factors
1030 - 1100	Delivering Value & Benefits Business Documents
1100 – 1140	People Change Management Change Management • Change Management Framework • PM Actions to Support Change • Plan for Change
1140 - 1230	Project Oversight Structure Project Oversight Structure – Steering Committee • Project Oversight Structure – Escalation Procedures
1230 – 1245	Break
1245 – 1330	Project Alignment Alignment Categories Classification • Treat Alignment as a Project Objective • Project Alignment – Five Best Practices
1330 - 1420	Starting the Project Stakeholder Management • Internal and External Project Stakeholders • Stakeholder Identification • Stakeholder Analysis • Stakeholder Register • Manage Stakeholder Perceptions • Communication Management • Stakeholder Expectations Analysis • Communication Tools and Channels • Communication Risks & Constraints
1420 – 1430	Recap Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow
1430	Lunch & End of Day One

Day 2: Monday, 31st of August 2026

0730 – 0830	Create the Team Foundation Foster a Collaborative Team Culture • Building Hybrid Teams • Project Team Composition • Diversity, Equity and Inclusion Standards • Team Strengths and Development Areas • Team Norms • Workforce Location Options • Virtual Team Challenges • Running Virtual Teams • Virtual Team Communication Technology
0830 – 0930	Establish a Shared Perspective Establish Agreed-Up On Success Criteria • Project Charter • Kickoff Meeting
0930 – 0945	Break



0945 – 1045	Choose the Project Approach Predictive Life Cycle • Adaptive Life Cycle • Adaptive Development Approaches • Scrum Methodology
1045 – 1145	Establish the Project Plan Project Management Plan • Planning Starts with a Project Management Plan
1145 – 1230	Establish the Scope Project Landmarks
1230 – 1245	Break
1245 – 1330	Identify Requirements Identify Requirements – Document • Identify Requirements – Requirements • Scope Management Plan • Create the Work Breakdown Structure (WBS) • WBS Dictionary • Scope Baseline • Transition & Handover Planning
1330 – 1420	Develop Schedule Schedule Management Plan • Develop Schedule • Activity Dependency Types • Precedence Diagramming Method (PDM) • Precedence Relationships • Activity Duration Estimate Terminology • Estimating Techniques • Three-Point Estimation • Critical Path Method (CPM) • Network Diagram with Durations and Dependencies • The Project Schedule • Schedule Presentation Formats • Gantt Chart • Milestone Schedule • Project Schedule Network Diagram • Resource Optimization • Schedule Compression Techniques • Schedule Baseline
1420 – 1430	Recap Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow
1430	Lunch & End of Day Two

Day 3: Tuesday, 01st of September 2026

0730 – 0830	Resources Resource Management Plan • RACI • Contracts • Basics • Contract Types & Selection • Contract Administration • Managing Contract Changes • Contract Closeout Procedures
0830 – 0930	Financial Management Budget Planning • Predictive Budget Planning • Resource Costs • Estimate Costs
0930 – 0945	Break
0945 – 1100	Risk Management Create Risk Strategy • Define/Refine Risk Management Approach • Risk Identification Techniques • Risk Breakdown Structure • Assess Risks • Risk Register
1100 – 1140	Quality Management Cost of Quality (CoQ) • Stakeholder and Customer Expectations of Quality
1140 – 1230	Plan Integration Change Control
1230 – 1245	Break
1245 – 1345	Develop Your Leadership Skills Power Skills • Leadership Skills and Competencies • Interpersonal and Team Skills • Servant Leadership • Team Building • Team Dynamics



1345 - 1420	Build a Collaborative Project Team Culture Teams
1420 - 1430	Recap Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow
1430	Lunch & End of Day Three

Day 4: Wednesday, 02nd of September 2026

0730 - 0830	Promote Team Accountability Support Diversity, Equity & Inclusion (DE&I) • Create Psychological Safety and Embrace Diversity • Motivational Theories / Approaches • Maslow's Hierarchy of Needs • Herzberg's Motivation-Hygiene Theory • McGregor's Theory X and Theory Y • McClelland's Motivation Theories • Maintain Team Charter and Ground Rules • Use Rewards and Recognition • Display Task Accountability
0800 - 0830	Support Team Member Performance Manage and Lead • Evaluate Team Performance • Personality Indicators • Use Personality to Coach Team Members • Emotional Intelligence (EI/EQ)
0830 - 0930	Communicate & Collaborate with Stakeholders Monitor Stakeholders and Their Engagement • Communications Management Plan • Use Information Radiators • Meetings
0930 - 0945	Break
0945 - 1100	Training, Coaching & Mentoring Measure Training Outcomes
1100 - 1200	Conflict Management Ineffective Conflict Management • Effective Conflict Management • Leas' Levels of Conflict • Use Interpersonal Skills to Manage Conflict • Conflict Management Approaches
1200 - 1230	Enable High Team Performance Tuckman's Model
1230 - 1245	Break
1245 - 1420	Continuous Improvement (CI) Mindset Continuous Improvement (CI) • Conduct Retrospectives • Update Processes and Standards
1420 - 1430	Recap Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow
1430	Lunch & End of Day Four

Day 5: Thursday, 03rd of September 2026

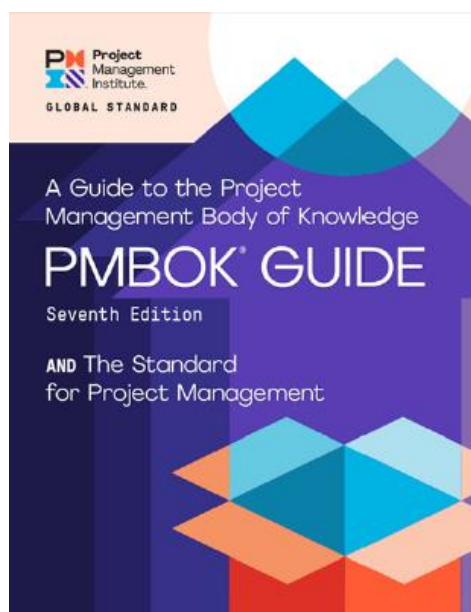
0730 - 0830	Performance Optimization The Project Manager's Role • Optimize Communication • Show Roles and Responsibilities (RAM/RACI) • Maintain Project Artifacts
0830 - 0845	Break



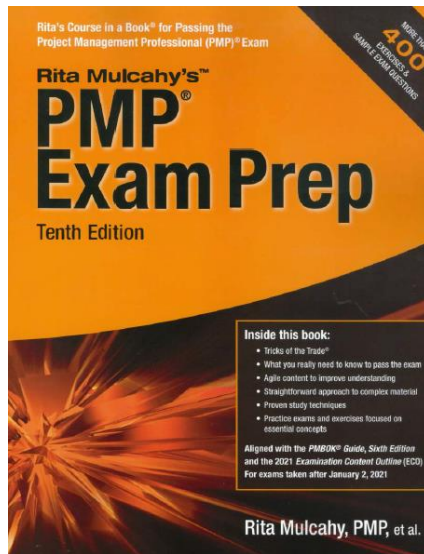
0845 – 1000	Project Progress Evaluation Monitor Scope • Measure Schedule Performance • Task Board • Budget Challenges • Earned Value Management (EVM) • EVM Measures for Schedule Control • EVM Measures for Cost Control • EAC/ETC Analysis • EVM • Manage and Lead Resources • Physical Resource Management • Manage Changes and Disputes • Evaluate and Manage Quality • Quality Audit • Verify Deliverables • Evaluate and Manage Risk • Examine Business Value
1000 – 1030	Manage Project Issues & Impediments Vocabulary • Risks and Issues • Issues • Remove Impediments
1030 - 1120	Manage Project Changes Causes of Project Changes • Change Management Process Flowchart • Change Requests • Change Control Systems • Update Project Management Plan
1120 - 1200	Project/Phase Completion Close – Activities • Transitions/Handovers • Transitions/Handovers – Readiness • Transitions/Handovers – Activities • Contract Closure
1200 – 1215	Break
1215 - 1230	Benefits Realization Management (BRM) Early and Long-Term Benefits Realization • Benefits Transition and Sustainment • Benefits Management Plan
1230 - 1300	Knowledge Transfer Knowledge Management During Closure • Finalize Lessons Learned • Consolidating Lessons Learned • Final Report
1300 – 1315	Course Conclusion Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course
1315 – 1415	COMPETENCY EXAM
1415 – 1430	Presentation of Course Certificates
1430	Lunch & End of Course

Book(s)

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



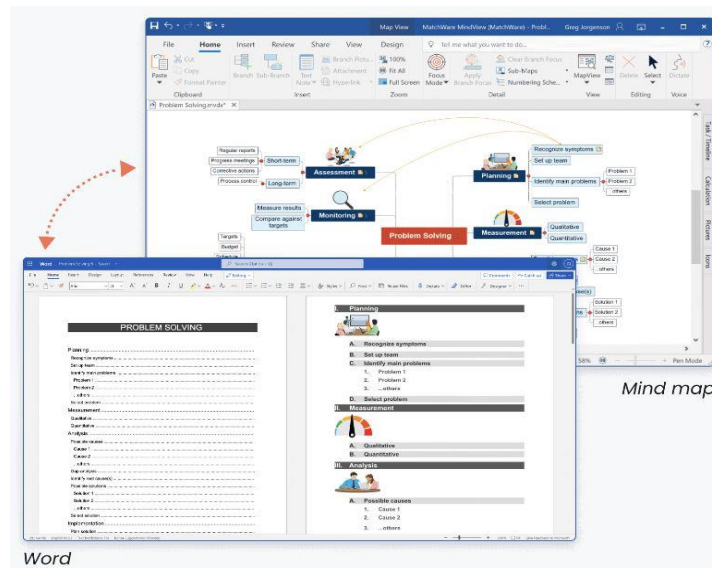
Title: A Guide to the Project Management Body of Knowledge (PMBOK Guide)-
ISBN: 978-1628256642
Author: Project Management Institute
Publisher: Project Management Institute



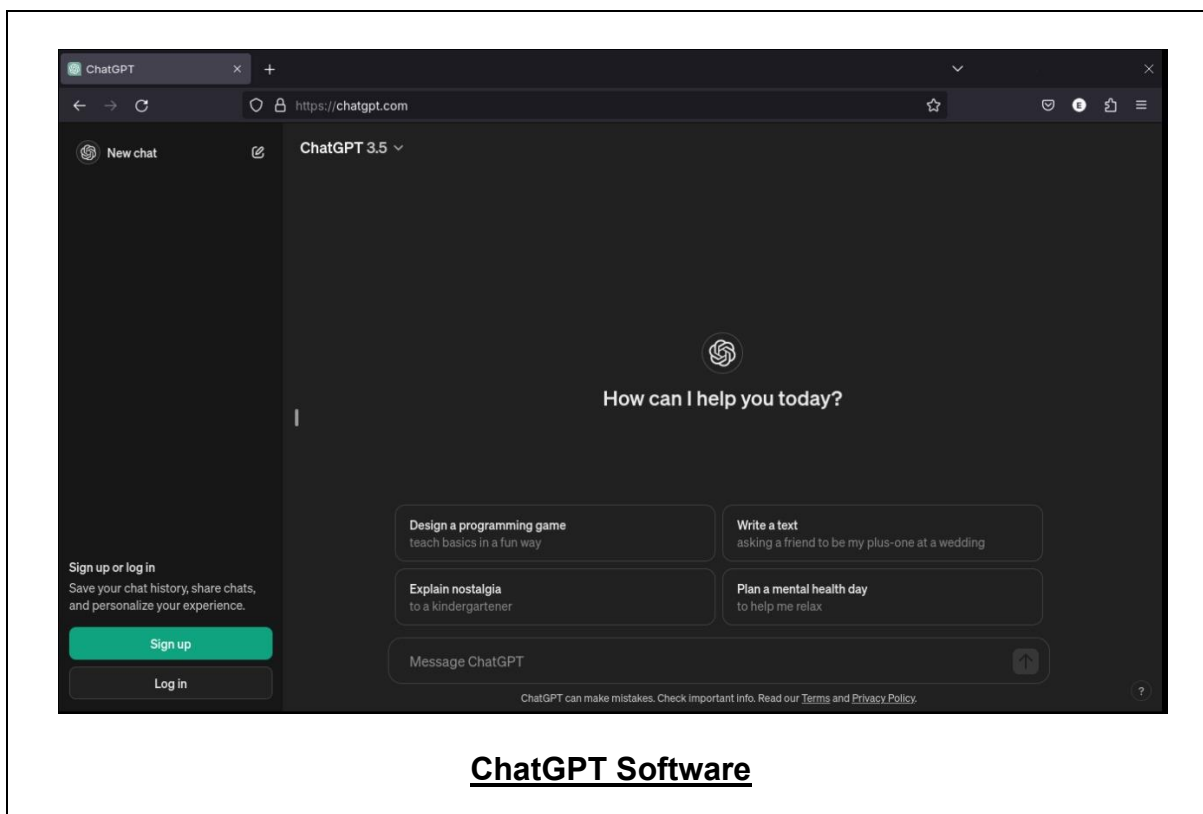
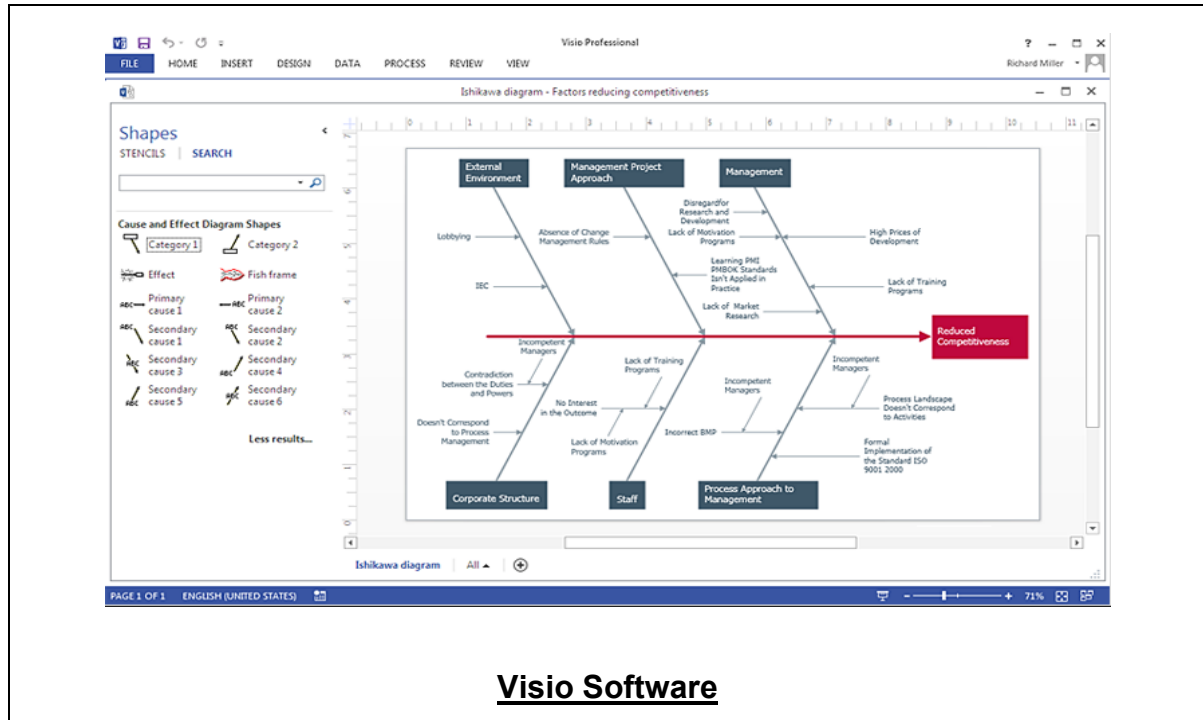
Title : Rita Mulcahy's PMP Exam Prep,
ISBN : 978-1932735659
Author : Rita Mulcahy
Publisher: Rmc Pubns Inc

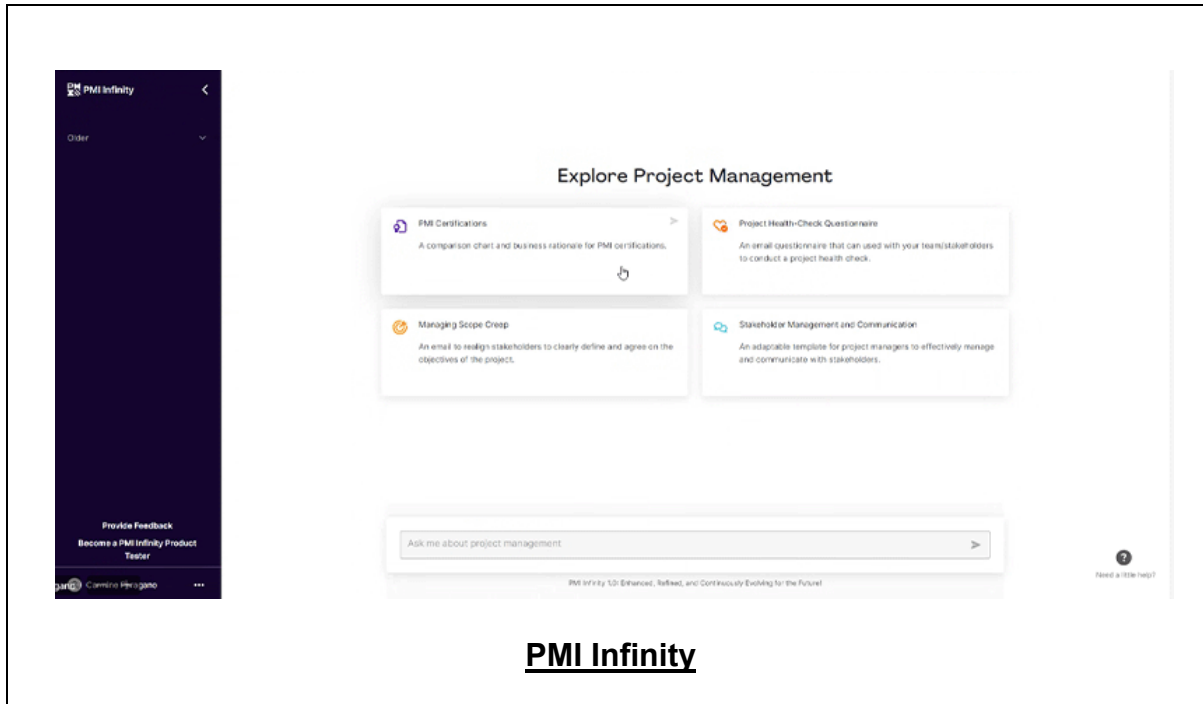
Software Tools Demonstration

Practical sessions will be demonstrated through software tools during the course for delegates. Delegates will have an opportunity to understand the exercises using the “Mindview Software”, “Visio Software”, “ChatGPT” and “PMI Infinity”.



Mindview Software





PMI Infinity

Course Coordinator

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