COURSE OVERVIEW PM0043
Applying Project Control

Course Title
Applying Project Control



Course Date/Venue
November 15-19, 2026/Geneva Meeting Room, Swissôtel Corniche Park Towers Doha, Doha, Qatar

3.0 CEUs (30 PDHs) AWARD

Course Reference
PM0043

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 Introduction to Project Controls. It covers the importance of project controls and the distinction between project management and project controls; the key components of project controls covering scope, time, cost and quality; the roles and responsibilities of a project controller and the lifecycle of a project from initiation to closure; the budgeting, estimation and allocation of resources; the cost forecasting and predicting financial needs at different project phases; the cash flow analysis and ensuring liquidity throughout the project; and the cost variance analysis and addressing discrepancies.



Further, the course will also discuss the change management and handling scope changes and their cost implications; the importance of scheduling in projects and the tools and techniques using Gantt charts, critical path method (CPM) and program evaluation review technique (PERT); monitoring and adjusting schedules and dealing with delays and accelerations; optimizing human and material resources using resources allocation and leveling; and ensuring key deliverables are met by performing milestone tracking and control.

During this interactive course, participants will learn the quality in projects, quality assurance versus quality control and risk identification; the risk assessment and prioritization, mitigation and contingency planning; the integrated project control systems and keeping stakeholders informed by using proper reporting and dashboards; the continuous improvement in controls; and the emerging trends in project controls covering AI, machine learning and predictive analytic.

Course Objectives/Outcomes & Benefits for the Participants

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

- Apply and gain a fundamental knowledge on project controls
- Discuss the importance of project controls and the distinction between project management and project controls
- Recognize the key components of project controls covering scope, time, cost and quality
- Identify the roles and responsibilities of a project controller and the lifecycle of a project from initiation to closure
- Employ proper budgeting, estimation and allocation of resources
- Apply cost forecasting and predict financial needs at different project phases
- Carryout cash flow analysis and ensure liquidity throughout the project
- Apply cost variance analysis and address discrepancies
- Employ change management and handle scope changes and their cost implications
- Discuss the importance of scheduling in projects and apply tools and techniques using Gantt charts, critical path method (CPM) and program evaluation review technique (PERT)
- Monitor and adjust schedules and deal with delays and accelerations
- Optimize human and material resources using resources allocation and leveling
- Ensure key deliverables are met by performing milestone tracking and control
- Implement quality in projects, differentiate quality assurance versus quality control and apply risk identification
- Carryout risk assessment and prioritization, mitigation and contingency planning
- Recognize integrated project control systems and keep stakeholders informed by using proper reporting and dashboards
- Apply continuous improvement in controls and emerging trends in project controls covering AI, machine learning and predictive analytic

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 overview of all significant aspects and considerations of project control for professionals including construction managers, project managers, construction supervisors, engineers and foremen.

Course Certificate(s)

Internationally recognized certificates will be issued to all participants of the course who completed a minimum of 80% of the total tuition hours.

Certificate Accreditations

Haward's certificates are accredited by the following international accreditation organizations: -

- 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.

- 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 (HDCP) & 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 VMEdu, 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.

Training Methodology

Our courses employ an interactive, learner-centred methodology that integrates theoretical knowledge with practical application. The training is delivered through a suitable combination of some or all of the following methods, selected according to the course content and learning objectives:

- Instructor-led presentations and facilitated discussions
- Practical workshops and participant presentations
- Hands-on exercises and real-world case studies
- Equipment demonstrations and technical drawings
- Hardware- and software-based simulations
- Gamification & Role Play in soft-skills courses only
- Virtual Reality (VR) and Augmented Reality (AR)
- Instructional videos and other relevant training resources

This blended approach encourages active participation, strengthens practical skills and supports the effective application of acquired knowledge in the workplace.

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$ 6,000 per Delegate. 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 Program

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

Day 1: ***Sunday, 15th of November 2026***

0730 – 0800	*Registration & Coffee*
0800 – 0815	*Welcome & Introduction*
0815 – 0830	***PRE-TEST***
0830 – 0930	***Definition & Importance of Project Controls:*** *Why they are Crucial*
0930 – 0945	*Break*
0945 – 1030	***Distinction Between Project Management & Project Controls***
1030 – 1130	***Key Components:*** *Scope, Time, Cost & Quality*
1130 – 1215	***The Role of a Project Controller:*** *Responsibilities & Expectations*
1215 – 1230	*Break*
1230 – 1330	***Lifecycle of a Project:*** *From Initiation to Closure*
1330 – 1420	***Case Study Discussion:*** *A Project that Succeeded/Failed due to Controls*
1420 – 1430	***Recap***
1430	*Lunch & End of Day One*

Day 2: Monday, 16th of November 2026

0730 – 0830	**Budgeting Basics:** Estimation & Allocation of Resources
0830 – 0930	**Cost Forecasting:** Predicting Financial Needs at Different Project Phases
0930 – 0945	Break
0945 – 1100	**Cash Flow Analysis:** Ensuring Liquidity Throughout the Project
1100 – 1215	**Cost Variance Analysis:** Understanding & Addressing Discrepancies
1215 – 1230	Break
1230 – 1330	**Change Management:** Handling Scope Changes & their Cost Implications
1330 – 1420	**Hands-On Workshop:** Creating a Simple Project Budget
1420 – 1430	**Recap**
1430	Lunch & End of Day Two

Day 3: Tuesday, 17th of November 2026

0730 – 0830	**Importance of Scheduling in Projects:** The Time-Money-Quality Triangle
0830 – 0930	**Tools & Techniques:** Gantt Charts, Critical Path Method (CPM), Program Evaluation Review Technique (PERT)
0930 – 0945	Break
0945 – 1100	**Monitoring & Adjusting Schedules:** Dealing with Delays & Accelerations
1100 – 1215	**Resource Allocation & Leveling:** Optimizing Human & Material Resources
1215 – 1230	Break
1230 – 1330	**Milestone Tracking & Control:** Ensuring Key Deliverables are Met
1330 – 1420	**Hands-On Session:** Developing a Project Schedule Using a Chosen Tool
1420 – 1430	**Recap**
1430	Lunch & End of Day Three

Day 4: Wednesday, 18th of November 2026

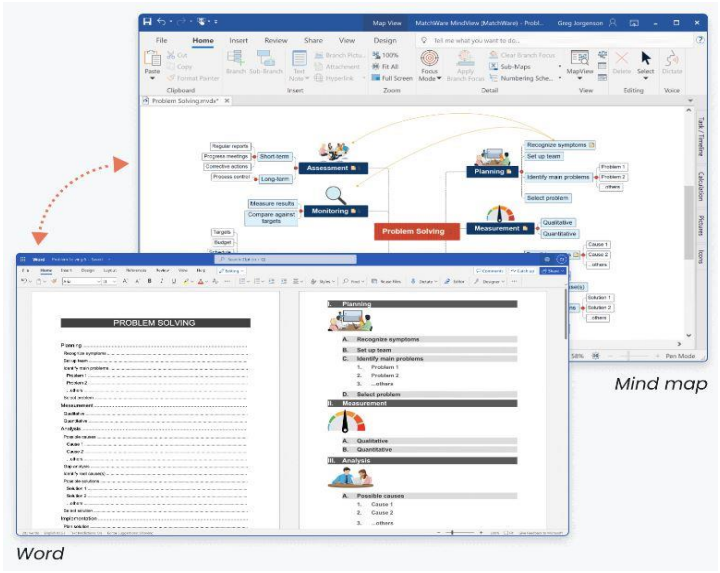
0730 – 0830	**Understanding Quality in Projects:** Definitions & Measures
0830 – 0930	**Quality Assurance versus Quality Control:** Distinctions & Methods
0930 – 0945	Break
0945 – 1100	**Risk Identification:** Pinpointing Potential Project Pitfalls
1100 – 1215	**Risk Assessment & Prioritization:** Understanding Impact & Likelihood
1215 – 1230	Break
1230 – 1330	**Mitigation & Contingency Planning:** Preparing for Uncertainties
1330 – 1420	**Workshop:** Conducting a Risk Assessment for a Hypothetical Project
1420 – 1430	**Recap**
1430	Lunch & End of Day Four

Day 5: Thursday, 19th of November 2026

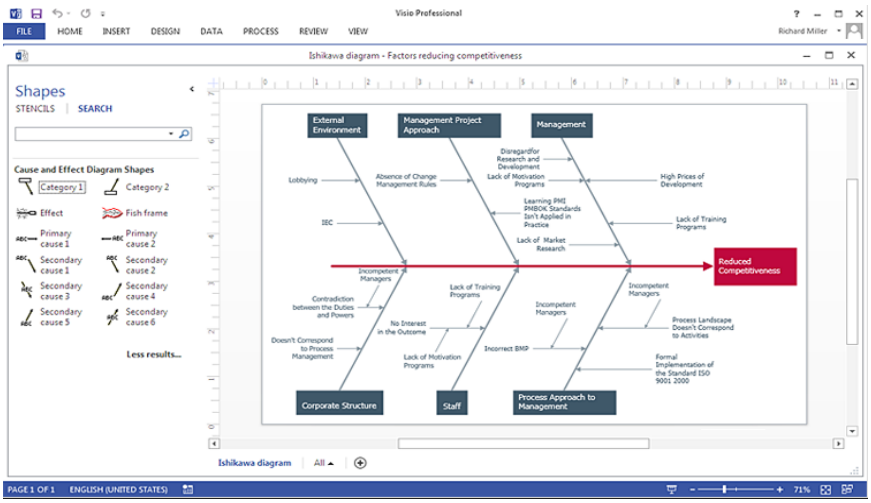
0730 – 0830	**Integrated Project Control Systems:** Tools & Software
0830 – 0930	**Reporting & Dashboards:** Keeping Stakeholders Informed
0930 – 0945	Break
0945 – 1100	**Lessons Learned & Feedback Loops:** Continuous Improvement in Controls
1100 – 1230	**Emerging Trends in Project Controls:** AI, Machine Learning & Predictive Analytics
1230 – 1245	Break
1245 – 1345	**Career Pathways in Project Controls:** Growth, Specializations & Industry Needs
1345 – 1400	**Course Conclusion**
1400 – 1415	**POST-TEST**
1415 – 1430	Presentation of Course Certificates
1430	Lunch & End of Course

Software Tools Demonstration

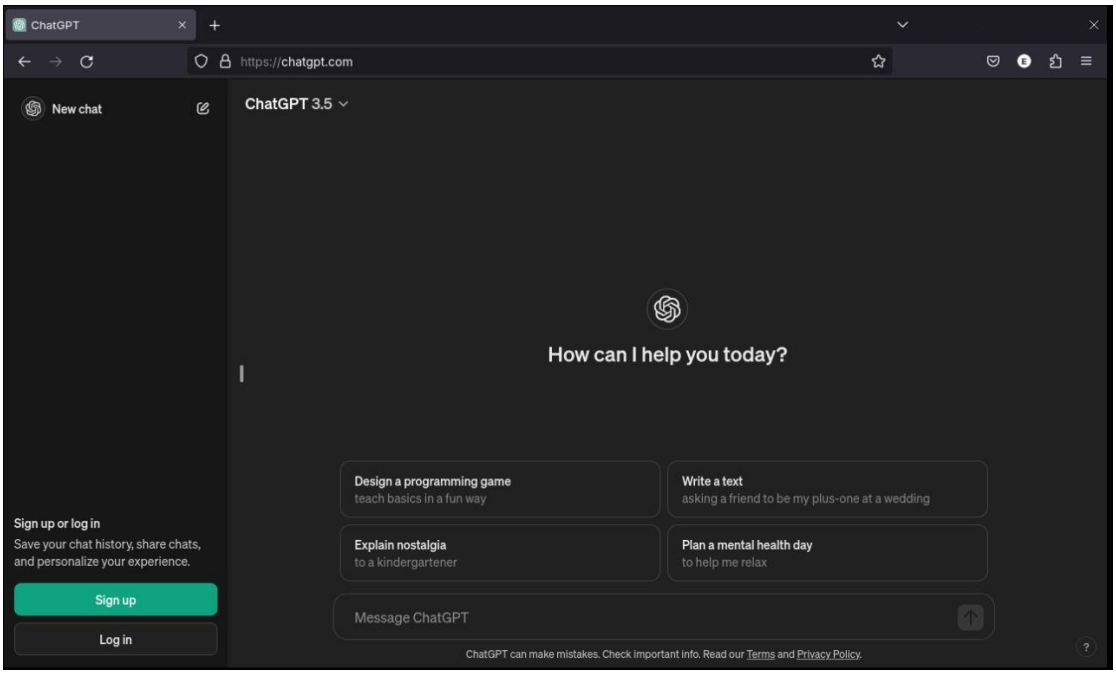
Practical sessions will be demonstrated through software tools during the course for delegates. Delegates will have an opportunity to understand the exercises using the "Mindview Software", "Visio Software", "ChatGPT" and "PMI Infinity".



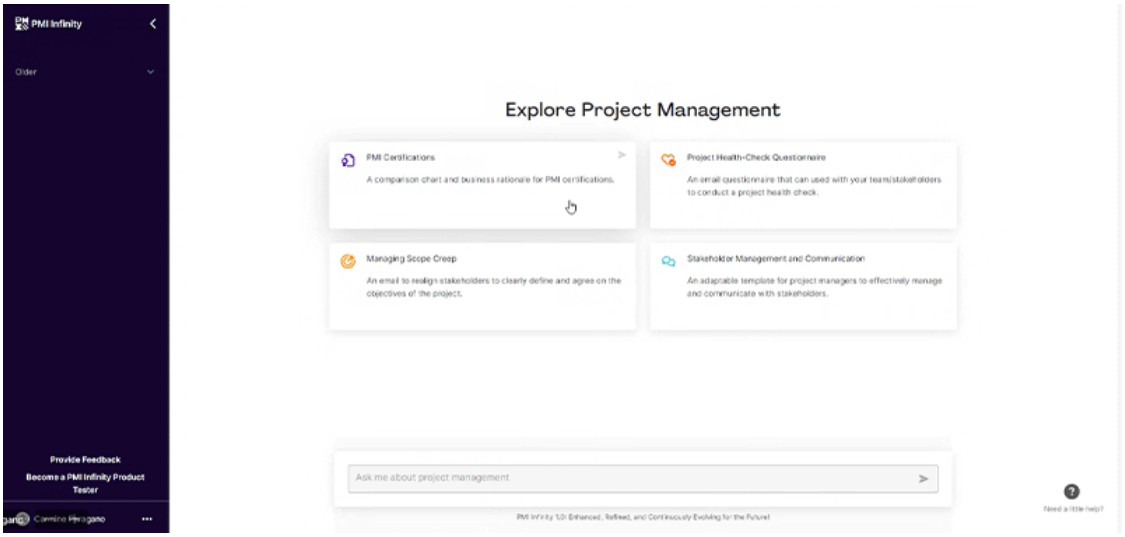
Mindview Software



Visio Software



ChatGPT Software



PMI Infinity

Course Coordinator
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