



## **COURSE OVERVIEW AI0047** **Artificial Intelligence (AI) in Project Management**

### **Course Title**

Artificial Intelligence (AI) in Project Management

### **Course Date/Venue**

November 23-27, 2025/TBA Meeting Room, Elite  
Byblos Hotel Al Barsha, Sheikh Zayed Road,  
Dubai, UAE

### **Course Reference**

AI0047

### **Course Duration/Credits**

Five days/3.0 CEUs/30 PDHs

### **Course Objectives**



***This practical and highly-interactive course includes real-life case studies where participants will be engaged in a series of interactive small groups and class workshops.***

This course is designed to provide participants with a detailed and up-to-date overview of AI in Project Management – Using AI Tools for Risk Assessment & Automation. It covers the AI's role in modern project workflows (agile, waterfall, hybrid); integrating AI concepts with project management systems and dashboards; using AI for early risk identification and pattern recognition and predictive analytics to anticipate delays and cost risks; the scenario planning and trend analysis; and visualizing risk with AI-supported dashboards.



During this interactive course, participants will learn how AI reduces repetitive project tasks and documentation; the AI-supported scheduling, resource allocation and task tracking and automation opportunities in common PM tools (concept overview); the AI's role in project budgeting and resource planning; using AI to monitor project costs, variances and vendor performance and turning raw project data into clear executive summaries with AI; evolving role of project managers in the AI era; the ethical AI covering bias, data privacy and responsible adoption; and the AI in agile, lean and cross-industry project environments.



### Course Objectives

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

- Apply and gain a comprehensive knowledge on AI in project management using AI tools for risk assessment and automation
- Discuss AI's role in modern project workflows (agile, waterfall, hybrid) and integrate AI concepts with project management systems and dashboards
- Use AI for early risk identification and pattern recognition and predictive analytics to anticipate delays and cost risks
- Describe scenario planning and trend analysis and visualize risk with AI-supported dashboards
- Explain how AI reduces repetitive project tasks and documentation, apply AI-supported scheduling, resource allocation, and task tracking and recognize automation opportunities in common PM tools (concept overview)
- Discuss AI's role in project budgeting and resource planning, use AI to monitor project costs, variances, and vendor performance and turn raw project data into clear executive summaries with AI
- Recognize the evolving role of project managers in the AI era, ethical AI covering bias, data privacy, and responsible adoption and AI in agile, lean, and cross-industry project environments

### 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 artificial intelligence in project management – using AI tools for risk assessment and automation for technical professionals, project managers, IT managers and technical leads, operations managers, executives and senior leadership, senior mechanical engineers, project team members and other technical staff.

### 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.

### 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.

### Accommodation

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

### 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.

### 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, MSc, BSc, PMI-PMP, PMI-CAPM is a **Senior Project & Management Consultant** with over **30 years** of teaching, training and industrial experience. His expertise lies extensively in the areas of **Project & Contracts Management Skills, Project & Construction Management, Project Planning, Scheduling & Control, Project Management, Project Delivery & Governance Framework, Project Management Practices, Project Management Disciplines, Project Risk Management, Risk Identification Tools & Techniques, Project Life Cycle, Project Stakeholder & Governance, 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, 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, Leadership Orientation Programme, Coaching & Motivation, Creative Thinking & Problem-Solving Techniques, Emotional Intelligence, Presentation Skills, Communication & Interpersonal Skills, Effective Communication & Influencing Skills, Effective Business Writing Skills, Writing Business Documents, Business Writing (Memo & Report Writing), Leadership & Team Building, Psychology of Leadership, Interpersonal Skills & Teamwork, Coaching & Mentoring, Innovation & Creativity, Office Management & Administration Skills, Controlling Your Time & Managing Stress, Crisis Management, Strategic Human Resources Management, Change Management, Negotiation Skills, Strategic Planning, 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 is also well-versed in Water Supply System Security, Vulnerability & Terrorism, Integrated Security Systems, Incident Threat Characterization & Analysis, Physical Security Systems, Security Crisis, Security Emergency Plan, Command & Control System, Preventive Actions and Situation Analysis. He was the **Psychologist & Project Manager** wherein he was responsible in the project management and private psychology practices.**

During his career life, Dr. Le Roux has gained his academic and field experience through his various significant positions and dedication as the **Director, Medico Legal Assessor Psychologist, Training & Development General Manager, Project Manager, Account Manager, Commercial Sales Manager, Manager, Sales Engineer, Project Specialist, Psychology Practitioner, Senior HR Consultant, Senior Lecturer, Senior Consultant/Trainer, Business Consultant, Assistant Chief Education Specialist, ASI Coordinator, Part-time Lecturer/Trainer, PMP & Scrum Trainer, Assessor & Moderator, Team Leader, Departmental Head, Technical Instructor/Qualifying Technician, Apprentice Electrician: Signals 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, CBM Training, just to name a few.

Dr. Le Roux has a **PhD in Commerce Major 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 **Electrical & Mechanical Engineering**. Further, he is a **Certified Project Management Professional (PMI-PMP)**, 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.

### **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: AI Foundations for Project Managers**

0730 – 0800	Registration & Coffee
0800 – 0815	Welcome & Introduction
0815 – 0830	<b>PRE-TEST</b>
0830 – 0900	<b>Understanding AI: Myths versus Reality</b>
0900 – 0930	<b>AI's Role in Modern Project Workflows (Agile, Waterfall, Hybrid)</b>
0930 – 0945	Break
1040 – 1135	<b>Integrating AI Concepts with Project Management Systems &amp; Dashboards</b>
1135 – 1230	<b>How AI Enhances Decision-Making &amp; Project Visibility</b>
1230 – 1245	Break
1245 – 1420	<b>Practical Demonstration: Using AI Tools (ChatGPT, PMI Infinity) to Analyze &amp; Summarize Project Data</b>
1420 – 1430	<b>Recap</b>
1430	Lunch & End of Day One

#### **Day 2: AI-Driven Risk Assessment & Forecasting**

0730 – 0830	<b>Using AI for Early Risk Identification &amp; Pattern Recognition</b>
0830 – 0900	<b>Predictive Analytics to Anticipate Delays &amp; Cost Risks</b>
0900 – 0915	Break
0915 – 1100	<b>Scenario Planning &amp; Trend Analysis Made Simple</b>
1100 – 1230	<b>Visualizing Risk with AI-Supported Dashboards</b>
1230 – 1245	Break
1245 – 1420	<b>Group Activity: Build a Simple AI-Powered Risk Log</b>
1420 – 1430	<b>Recap</b>
1430	Lunch & End of Day Two

#### **Day 3: Automation Concepts & Practical Applications**

0730 – 0900	<b>How AI Reduces Repetitive Project Tasks &amp; Documentation</b>
0900 – 0915	Break
0915 – 1100	<b>AI-Supported Scheduling, Resource Allocation &amp; Task Tracking</b>
1100 – 1230	<b>Automation Opportunities in Common PM Tools (Concept Overview)</b>
1230 – 1245	Break
1245 – 1420	<b>Hands-on Practice: Automating Status Updates &amp; Project Reports Using AI Prompts</b>
1420 – 1430	<b>Recap</b>
1430	Lunch & End of Day Three

#### **Day 4: Strategic Insights & Cost Awareness**

0730 – 0930	<b>AI's Role in Project Budgeting &amp; Resource Planning</b>
0930 – 0945	Break
0945 – 1100	<b>Using AI to Monitor Project Costs, Variances &amp; Vendor Performance</b>
1100 – 1215	<b>Turning Raw Project Data into Clear Executive Summaries with AI</b>

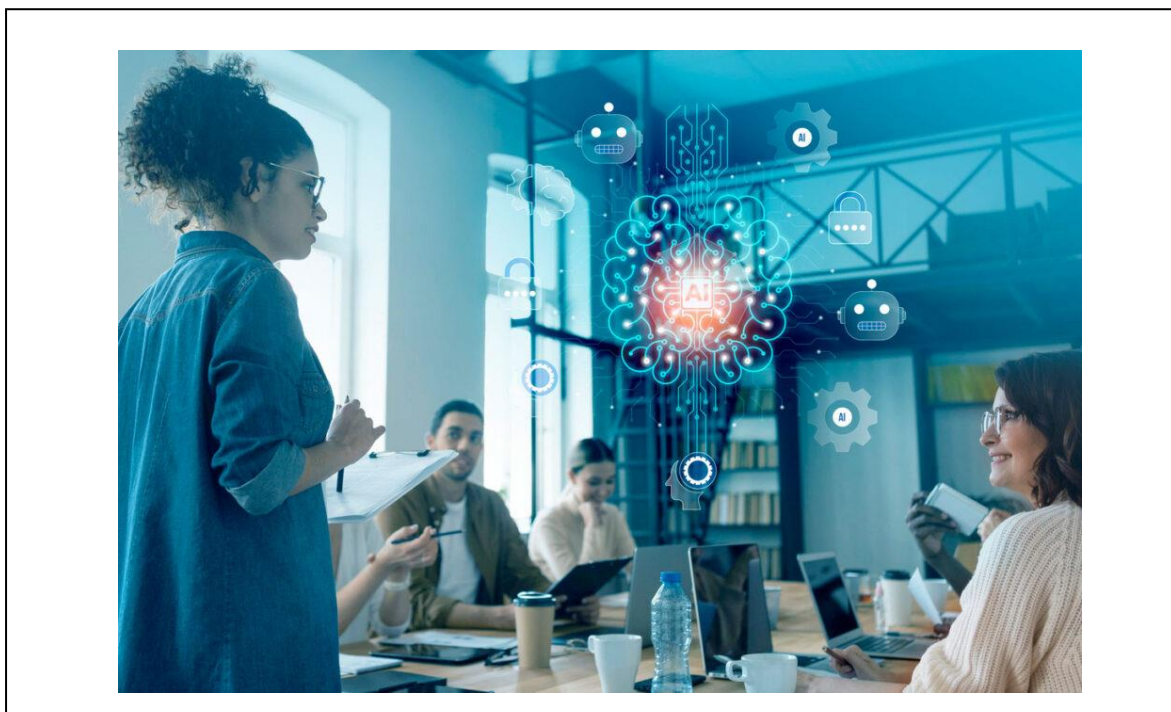
1215 – 1230	<i>Break</i>
1245 – 1420	<b><i>Case Study: How AI Dashboards Improve Decision-Making &amp; Reporting</i></b>
1420 – 1430	<b><i>Recap</i></b>
1430	<i>Lunch &amp; End of Day Four</i>

**Day 5:** *Future of AI in Project Leadership*

0730 – 0830	<b><i>The Evolving Role of Project Managers in the AI era</i></b>
0830 - 0930	<b><i>Ethical AI: Bias, Data Privacy &amp; Responsible Adoption</i></b>
0930 – 0945	<i>Break</i>
0945 – 1100	<b><i>AI in Agile, Lean, &amp; Cross-Industry Project Environments</i></b>
1100 – 1215	<b><i>Final Exercise: Design a Practical AI Integration Plan for your Organization</i></b>
1215 – 1230	<i>Break</i>
1230 – 1345	<b><i>Open Forum: Q&amp;A &amp; Sharing Best Practices</i></b>
1345 – 1400	<b><i>Course Conclusion</i></b>
1400 – 1415	<b><i>POST-TEST</i></b>
1415 – 1430	<i>Presentation of Course Certificates</i>
1430	<i>Lunch &amp; End of Course</i>

**Practical Sessions**

This practical and highly-interactive course includes real-life case studies and exercises:-



**Course Coordinator**

Mari Nakintu, Tel: +971 2 30 91 714, Email: [mari1@haward.org](mailto:mari1@haward.org)