



الإمارات العربية المتحدة
وزارة التربية والتعليم

قطاع
التطوير
المهني
PROFESSIONAL
DEVELOPMENT SECTOR

2025 - 2026

Horizons: Empowering Educators with Artificial Intelligence (AI) Technologies

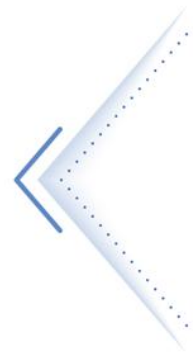
Introduction

The program is a national professional development initiative delivered in-person over five days in collaboration with the Emirates College for Advanced Education (ECAE). The program aims to equip school leaders and teachers with the knowledge and skills to effectively integrate AI technologies into teaching, learning, assessment, and school practices.

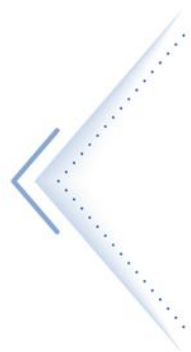
The program is built around seven key pillars aligned with the national curriculum: AI fundamentals, algorithms, ethical and responsible use, data-driven decision-making, practical educational applications, innovation, and future skills.

It targets training 5,000 school staff members nationwide, supporting the Ministry of Education's priorities in digital transformation, curriculum development, and building a future-ready education system.

Program Objectives:



Build practical AI competencies among teachers and school leaders.



Support the implementation of AI-related updates within the national curriculum.



Promote the ethical, responsible, and effective use of AI technologies in education.



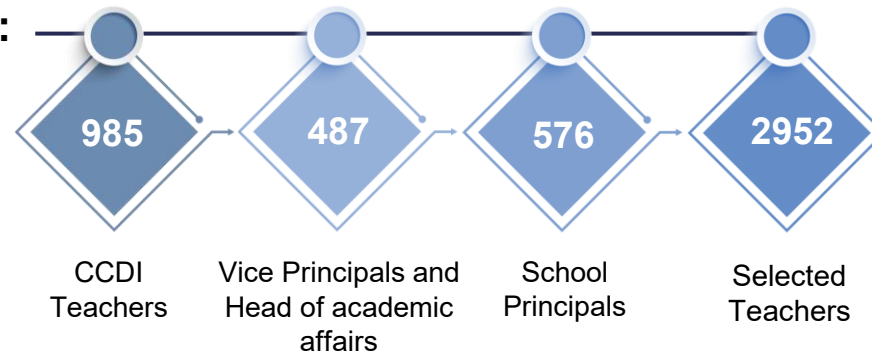
Strengthen a culture of innovation and data-driven decision-making at the school level.

Implementation Plan

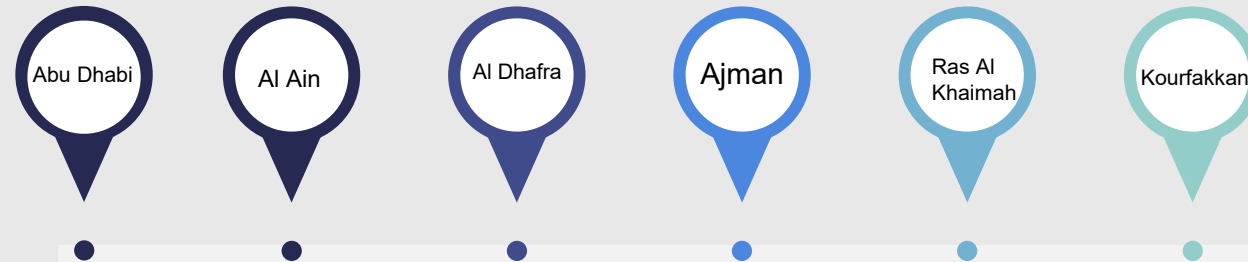
Implementation Period:
From October 2025 through the end of 2026.

Total Targeted Participants: 5,000 trainees

Target Groups:



Training Locations Across the Country



Purpose:

As part of implementing the “Horizons: Empowering Educators with Artificial Intelligence (AI) Technologies” program, the Ministry of Education, in collaboration with the Emirates College for Advanced Education (ECAE), adopted a comprehensive framework to measure training impact and ensure quality. This approach supports the sustainability of educational outcomes and guarantees consistent implementation across all targeted cohorts.

Aims to:

- Measure the effectiveness of the training in improving participants’ AI knowledge and practical competencies.
- Ensure consistency and quality of program implementation across all cohorts and training locations.
- Monitor the application of acquired skills in teaching, learning, and school practices.
- Support continuous improvement of the program based on data, feedback, and performance evidence.
- Sustain the long-term educational impact aligned with the Ministry of Education’s strategic priorities.

**Phase OneShort-Term
(Training Effectiveness)**

Measured immediately after training delivery.

Performance Indicators:

Training completion and attendance rate.
Improvement in AI knowledge and skills (pre/post training).
Level of readiness and confidence to apply AI in educational practice.
Level of engagement and participation during sessions.
Participants’ satisfaction with the content and delivery methods.

Measurement Tools:

Pre- and post-training assessments.
Attendance and completion records.
Satisfaction surveys.
Site visit and observation reports conducted by Quality Assurance teams.

Measured 2–3 months after training.

Performance Indicators:

Quality of lesson planning supported by AI tools.
Implementation of AI-enabled teaching and assessment strategies.
Improvement in differentiated instruction practices and time management efficiency.
Alignment of AI integration with the national curriculum and educational competency frameworks.

Measurement Tools:

Classroom observation.
Analysis of practical tasks and lesson plan samples.
Follow-up and reflective surveys.

Outcomes: Enhancing staff readiness, advancing digital transformation, and ensuring the sustainability of training impact within classrooms.

Implemented by the Professional Development Sector.

Implemented by the Professional Development Sector and Emirates college for Advanced Education.

Program Evaluation for Batch 1



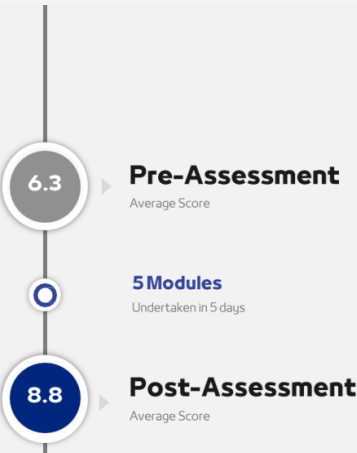
Learning Measurement

This section presents an analysis of the pre- and post-assessment results of the Horizons program to measure the development of participants' competencies before and after the training. The findings show a significant improvement in average performance, reflecting the effectiveness of the content and AI-enhanced training approaches. This analysis supports the overall program evaluation and enables data-driven decisions for continuous improvement.

Overall Outcomes

Proficiency at
≥80%

+39.7 percentage point
increase across all
participants.



Overall Results

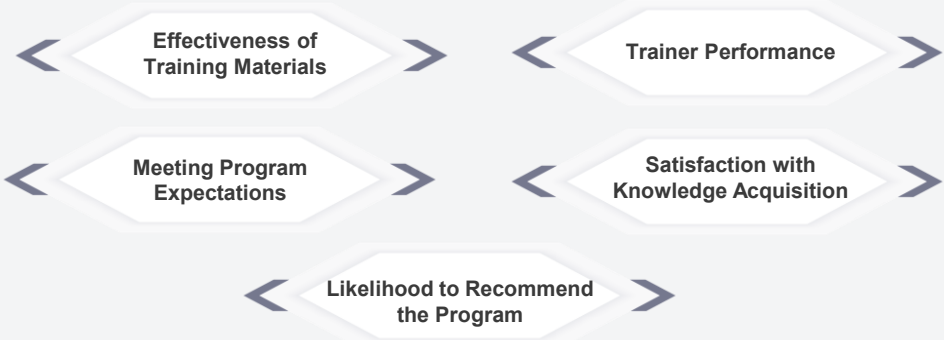
The analysis demonstrates strong program effectiveness and a clear improvement in participants' competencies.

- **Mastery Level:** ≥ 80%
Relative improvement: +39.7% from baseline (6.3 → 8.8 on a 10-point scale).
- **Pre-Assessment:** Average score of 6.3, reflecting baseline knowledge prior to training.
- **Program Delivery:** Five training modules delivered over five days using a structured, practice-based approach.
- **Post-Assessment:** Average score of 8.8, indicating significant learning gains and enhanced competency levels.

These results confirm the high impact of the training program, the effectiveness of its content and delivery methodology, and its contribution to strengthening participants' practical capabilities.

Program Evaluation

This section presents the results of measuring participants' satisfaction with the training program in terms of content quality, trainer performance, and the effectiveness of the learning materials. The findings indicate very high satisfaction levels, with the majority of participants expressing full satisfaction and confirming that the program met their expectations. These results reflect the high quality of the training experience and its positive impact on participants.



Key Quantitative Results

- ✓ The majority of participants rated the program at the highest levels of satisfaction.
- ✓ Most participants recommended the program, giving it a score of 9 or 10 out of 10.
- ✓ The program met participants' expectations to a very high degree.
- ✓ Very high satisfaction levels were recorded regarding:
 - Knowledge gained.
 - Trainers' performance.
 - Effectiveness of the training materials.

