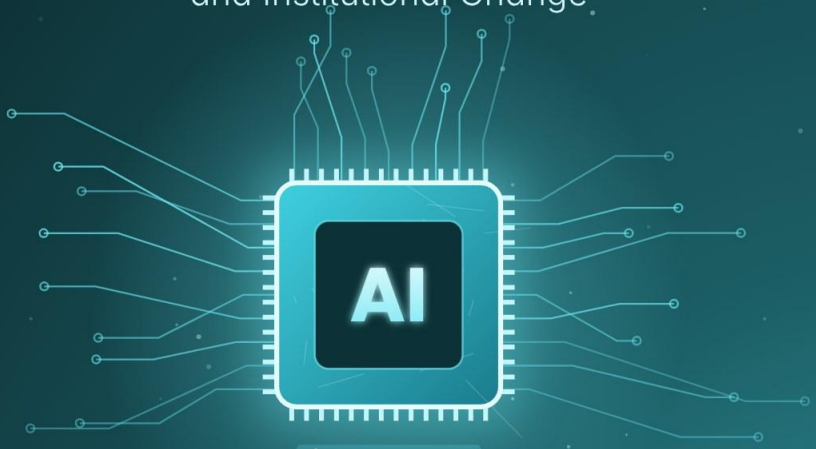
CLICKS

Center for Learning Innovations &
Customized Knowledge Solutions

CERTIFICATE PROGRAM FOR IN-HOUSE DELIVERY

Leading **AI Integration** and Transformation in Higher Education

Strategy, Curriculum, Teaching, Assessment and Institutional Change



inquiries@cli-cks.com



01 OVERVIEW

Certificate Overview

Artificial Intelligence is no longer a future consideration for higher education. It is reshaping how knowledge is created and accessed, how students learn, how faculty teach, how institutions operate, and the capabilities graduates need to succeed in an increasingly AI-enabled world.

While much attention has focused on AI tools and their applications, the more fundamental challenge facing higher education institutions is one of strategic and educational transformation. Universities must reconsider not only how AI can enhance existing practices, but also how it influences institutional priorities, graduate attributes, curriculum relevance, academic quality, assessment, governance, and the future of higher education itself.

As institutions respond to these developments, AI initiatives often remain fragmented, driven by isolated experimentation, individual faculty practices, or the adoption of specific technologies without a coherent institutional direction. Meaningful and sustainable AI integration requires a more comprehensive and coordinated approach that connects institutional vision and strategy with academic programmes, teaching and learning practices, assessment, faculty and student capabilities, governance, quality assurance, and continuous improvement.

The **Leading AI Integration and Transformation in Higher Education Certificate** has been designed to equip higher education leaders, academic professionals, and institutional change agents with the knowledge, frameworks, and practical capabilities required to guide responsible, purposeful, and sustainable AI integration across their institutions.

The certificate adopts a multi-level approach, connecting institutional strategy and future-ready graduate capabilities with programme and curriculum transformation, course design, teaching and assessment innovation, and the organisational processes required for effective implementation and evaluation. It recognises that AI integration is not simply a matter of introducing new technologies into existing educational practices, but requires institutions to critically examine what they teach, how they develop and assess learning, how they support their academic communities, and how they maintain educational quality and relevance in a rapidly changing environment.

Effective AI integration begins with a shared understanding of AI, including the foundations of generative AI, its capabilities and limitations, and the ethical, academic, and organisational considerations associated with its use. This understanding provides the basis for informed institutional decisions about where, why, and how AI should be integrated, and the value it is expected to create for students, educators, institutions, and society.

Equally important is the development of a clear institutional vision that aligns AI integration with institutional mission, strategic priorities, educational values, graduate aspirations, stakeholder expectations, and quality standards. Such alignment is essential to moving beyond reactive adoption towards coordinated institutional transformation, while safeguarding academic integrity, human judgment, equity, student agency, and responsible use.

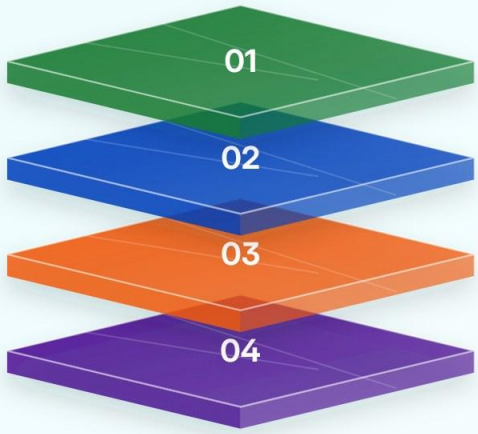
A MULTI-LEVEL APPROACH

01 Institutional strategy and future-ready graduate capabilities

02 Programme and curriculum transformation

03 Course design, teaching and assessment innovation

04 Organisational processes required for effective implementation and evaluation





The certificate is organised around **four interconnected pillars**, progressing from strategic direction and institutional vision to curriculum transformation, educational practice, and implementation and continuous improvement.

FOUR PILLARS

Leading AI Integration in Higher Education: Strategy, Curriculum, Teaching and Assessment

AI INTEGRATION & ETHICAL EXCELLENCE PROGRAM

A comprehensive program to embed AI meaningfully across teaching, learning, assessment, curriculum and institutional practice.

PILLAR 01

AI STRATEGY, INSTITUTIONAL VISION AND FUTURE-READY GRADUATES

4 MODULES (1 – 4)

PILLAR 02

PROGRAM DESIGN AND CURRICULUM TRANSFORMATION

3 MODULES (5 – 7)

PILLAR 03

AI-ENHANCED COURSE DESIGN, TEACHING AND ASSESSMENT

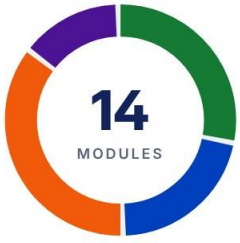
5 MODULES (8 – 12)

PILLAR 04

AI IMPLEMENTATION, EVALUATION AND CONTINUOUS IMPROVEMENT

2 MODULES (13 – 14)

PROGRAM OVERVIEW



4 PILLARS

Pillar 01	4
Pillar 02	3
Pillar 03	5
Pillar 04	2

TOTAL LEARNING HOURS

71 HOURS



Synchronous Learning Hours	50 Hours
Asynchronous Learning Hours	21 Hours

SYNCHRONOUS SESSIONS

15



(Assessment is delivered over 2 sessions)

RECOMMENDED DURATION

Approximately 3 Months

A structured, comprehensive journey to build AI-ready institutions and future-ready graduates.

02 OUTCOMES

Certificate Learning Outcomes

Upon successful completion of the certificate, participants will be able to:

01 Evaluate the implications, opportunities, and risks of AI for higher education strategy, academic practices, graduate capabilities, and institutional quality.

02 Formulate a strategic vision for AI integration aligned with institutional priorities, future workforce needs, and responsible AI principles.

03 Design approaches for embedding AI competencies and future-ready graduate capabilities into academic programmes and curricula.

04 Redesign course components, teaching approaches, and assessment strategies to support meaningful AI integration and authentic learning.

05 Recommend governance, policy, quality assurance, and ethical safeguards for responsible and effective institutional AI integration.

06 Develop an institutional AI integration and change management plan addressing priorities, stakeholder engagement, capacity building, and implementation.

07 Establish an evaluation and continuous improvement framework to measure the effectiveness, impact, and sustainability of AI integration.

Structure of the Certificate

01

PILLAR 1

AI Strategy, Institutional Vision and Future-Ready Graduates

Key Question: *Why are we integrating AI and what are we trying to achieve?*

Participants explore the implications of AI for higher education, examine future workforce and graduate capability requirements, define AI-related competencies, and develop an institutional vision that aligns AI integration with strategic priorities, governance, quality assurance, and responsible use principles.

02

PILLAR 2

Program Design and Curriculum Transformation

Key Question: *How do we translate this vision into programs?*

Participants examine how AI-related competencies and graduate capabilities can be systematically embedded across academic programs through curriculum mapping, program learning outcomes, and coherent curriculum design approaches.

03

PILLAR 3

AI-Enhanced Course Design, Teaching and Assessment

Key Question: *How do we redesign courses, teaching and assessment?*

Participants redesign courses, learning outcomes, learning activities, teaching approaches, and assessment strategies to create meaningful learning experiences that leverage AI appropriately while preserving student agency, critical thinking, judgment, and authentic demonstration of learning.

04

PILLAR 4

AI Implementation, Evaluation and Continuous Improvement

Key Question: *How do we implement, evaluate and continuously improve?*

Participants develop practical approaches for institutional implementation, impact measurement, evaluation, change management, and continuous improvement to ensure that AI integration remains sustainable, scalable, and evidence-informed.

FOUR PILLARS

Leading AI Integration in Higher Education: Strategy, Curriculum, Teaching and Assessment

AI INTEGRATION & ETHICAL EXCELLENCE PROGRAM

A comprehensive program to embed AI meaningfully across teaching, learning, assessment, curriculum and institutional practice.

1 2 3 4 — PILLAR 01

5 6 7 — PILLAR 02

8 9 10 11 12 — PILLAR 03

13 14 — PILLAR 04

PILLAR 01
AI STRATEGY, INSTITUTIONAL VISION AND FUTURE-READY GRADUATES

1. The Future of Higher Education in the Age of AI: Foundations, Opportunities and Implications
2. Future-Ready Graduates, AI Competencies and Employability
3. Developing an Institutional Vision for AI Integration and Faculty Readiness
4. AI Governance, Quality Assurance and Responsible Innovation

OUTCOME:
Institutional vision, priorities and foundational frameworks for AI integration.

PILLAR 02
PROGRAM DESIGN AND CURRICULUM TRANSFORMATION

5. Curriculum Mapping for AI Integration
6. Aligning AI Competencies with Program Learning Outcomes
7. Curriculum Transformation for AI Integration

OUTCOME:
AI-aware programs with aligned outcomes and coherent curriculum structures.

PILLAR 03
AI-ENHANCED COURSE DESIGN, TEACHING AND ASSESSMENT

8. Rethinking Course Design and Syllabi in the Age of AI
9. Designing AI-Aware Course Learning Outcomes
10. Designing AI-Enhanced Learning Activities
11. Rethinking Assessment in the Age of AI
12. Faculty as Coach in AI-Enhanced Learning

OUTCOME:
AI-enhanced courses with authentic assessment and empowered learners.

PILLAR 04
AI IMPLEMENTATION, EVALUATION AND CONTINUOUS IMPROVEMENT

13. Planning, Implementing and Monitoring AI Integration
14. Continuous Improvement and Scaling Good Practice

OUTCOME:
Sustainable implementation, evidence of impact and continuous institutional improvement.

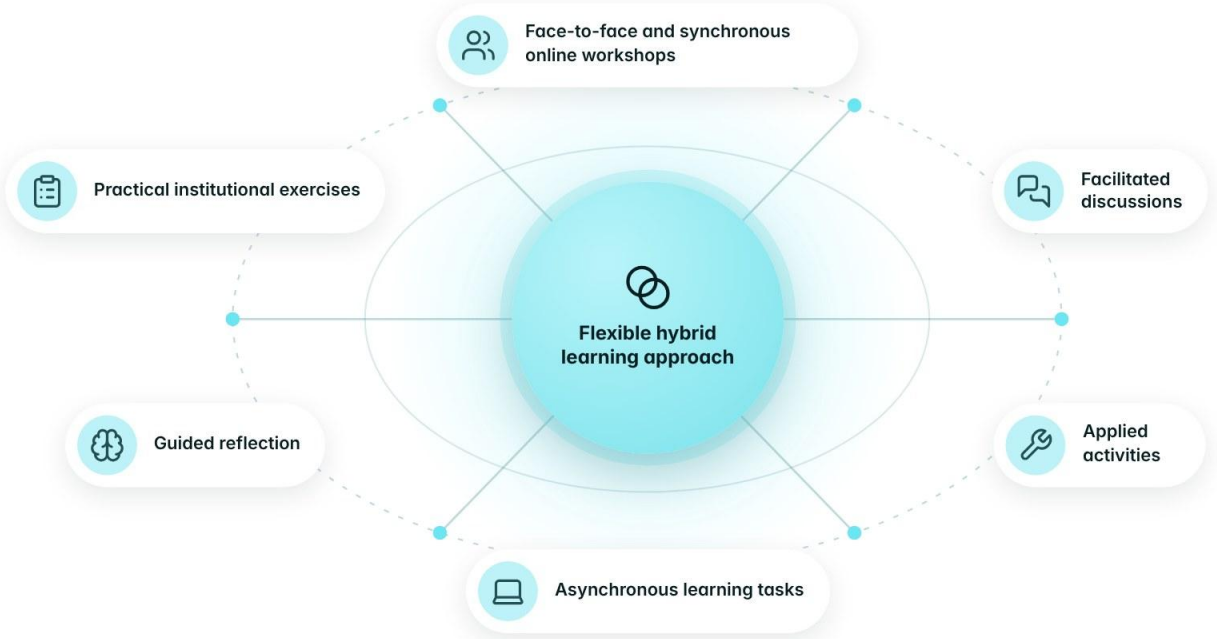
04 DELIVERY

Delivery and Learning Approach

The certificate is designed as a customised, in-house professional development programme, tailored to the strategic priorities, institutional context, and specific needs of each university.



While the programme maintains its four interconnected pillars, the delivery approach, duration, level of engagement, and depth of coverage of selected topics can be adapted based on an institutional needs assessment and the intended learning outcomes.



The programme adopts a flexible hybrid learning approach, combining face-to-face and synchronous online workshops with facilitated discussions, applied activities, asynchronous learning tasks, guided reflection, and practical institutional exercises. The balance between these components, as well as the overall programme schedule, is determined in consultation with the institution to ensure relevance, accessibility, and meaningful engagement.

Rather than focusing primarily on AI tools, the certificate adopts a strategic, educationally grounded, and institutionally aligned approach to AI integration. Participants work with practical frameworks and applied activities to translate learning into institutional priorities, curriculum and assessment enhancements, and actionable implementation and evaluation plans.

> *Ultimately, the certificate aims to strengthen participants' capacity to move beyond understanding and experimenting with AI towards leading coordinated, responsible, and evidence-informed institutional change that enhances educational quality, supports future-ready graduates, and advances the broader mission of higher education.*

05 AUDIENCE

Who is this Certificate For?



The certificate is designed for higher education professionals who are leading, supporting, or implementing AI integration across teaching, learning, assessment, curriculum, and institutional practice.

It is particularly relevant for individuals seeking to move beyond the use of AI tools and develop a deeper understanding of how AI is reshaping educational design, graduate capabilities, academic quality, and institutional strategy.

The program is suitable for:

- Academic and administrative leaders (provosts, VPs, etc)
- Faculty members and instructors
- Program coordinators and program directors
- Department chairs and heads of academic units
- Associate deans, deans, and academic leaders
- Curriculum specialists and instructional designers
- Centers for Teaching and Learning (CTL) professionals
- Quality assurance and accreditation professionals
- Institutional effectiveness and academic planning professionals
- Members of AI task forces, committees, and working groups
- Higher education leaders responsible for digital transformation, academic innovation, or educational strategy.



06 GET IN TOUCH

How to Request the Programme

Institutions interested in offering this certificate as a customised, in-house programme are invited to contact **CLICKS at inquiries@cli-cks.com**, providing the following preliminary information:

01

Preferred timeframe:
The anticipated period for delivering the programme, considering its overall duration and learning hours (exact dates are not required at this stage).

02

Target audience:
The intended participants, their roles, and the approximate number of participants.

03

Preferred mode of delivery:
The desired balance between face-to-face and online learning.

04

Specific institutional needs:
Any particular priorities, areas requiring greater depth, or additional expectations for the programme.

Based on this information, the CLICKS team will work with the institution to discuss the most suitable programme configuration, delivery arrangements, and level of customisation.



Center for Learning Innovations &
Customized Knowledge Solutions

www.cli-cks.com
inquiries@cli-cks.com
+971 4348 7445
+971 58 807 7539

