AI Capability Framework Application Handbook — Executive Summary

A Practical Method for Designing Responsible, Innovative, and Future-Ready AI Courses

CloudPedagogy | 2026 Edition

Purpose of this Handbook

This Handbook provides a **practical, step-by-step method** for transforming the *CloudPedagogy AI Capability Framework (2026 Edition)* into fully designed, engaging AI-enabled courses.

It connects three layers:

Framework (theory) → Handbook (method) → Courses (practice)

It exists to help educators, NGOs, public sector teams, and HE institutions build **safe, responsible, and creative AI capability at scale**.

CloudPedagogy — AI Capability Framework Application Handbook: Executive Summary (2026 Edition)
Licensed under Creative Commons CC BY-NC-SA 4.0 | www.cloudpedagogy.com

1

The Six Domains at a Glance

1. **Awareness & Orientation**
   AI literacy, accuracy checks, recognising hallucinations and misinformation.

2. **Human–AI Co-Agency**
   Clear workflows, role boundaries, and human-in-the-loop design.

3. **Generative Practice & Innovation**
   Prototyping, creative experimentation, scenario exploration.

4. **Ethics, Equity & Impact**
   Bias mitigation, harm avoidance, inclusion, transparency.

5. **Decision-Making & Governance**
   Oversight, documentation, escalation protocols, accountability.

6. **Reflection, Learning & Renewal**
   Feedback loops, reflective practice, continual improvement.

These domains work as an **integrated capability system**, not isolated skills.

The Universal 7-Step Application Method

A simple, replicable method for designing responsible and practical AI courses.

1. **Define the purpose & learner needs**
    Identify real-world problems and capability gaps.

2. **Identify real-world use cases & risks**
    Select 3–6 tasks where AI can assist.

3. **Map use cases to the Six Domains**
    Align domain logic to real practice.

4. **Translate domains into practical modules**
    Six modules, each grounded in one domain.

5. **Use the universal lesson structure**
    3 applied lessons + 1 activity + 1 downloadable per module.

6. **Build cross-domain links**
    Ensure ethics, governance, co-agency, and reflection flow through every module.

7. **Validate using the AI Capability Checklist**
    Confirm the course is practical, responsible, and aligned to the Framework.

Worked Example: Climate Change & Sustainability

The Handbook demonstrates the full application method through a complete course example.

Modules:

- M1: Understanding Climate Information with GenAI

- M2: Co-Writing Climate Communications with AI

- M3: Prototyping Climate Engagement Materials

- M4: Ethical & Just Climate AI Practice

- M5: AI Governance in Climate Workflows

- M6: Reflective AI Practice for Climate Action

Why climate?

- Universal relevance

- Clear, intuitive mapping to all six domains

- Strong public engagement need

- Direct risks of misinformation

- Safe, pedagogically clean example

The example illustrates how any domain—health, humanitarian action, research, policy—can be built using the same method.

Tools & Templates Included

The Handbook provides fillable tools for instant application:

- Six-Domain Course Builder

- Lesson Designer Template

- Ethical & Equity Checklist

- Human–AI Co-Agency Workflow Template

- Governance Log Template

- Reflection Cycle Worksheet

- Prompt Library for Course Designers

- Visual Framework → Course Mapping Diagrams

These ensure **consistency, quality, and responsibility** across all courses.

CloudPedagogy — AI Capability Framework Application Handbook: Executive Summary (2026 Edition)
Licensed under Creative Commons CC BY-NC-SA 4.0 | www.cloudpedagogy.com

5

Intended Uses

This Handbook is designed for:

- educators creating AI-enabled teaching materials

- NGOs building AI literacy for field teams

- public health and climate communication units

- digital education teams in higher education

- organisational capability-building initiatives

- internal training and governance groups

- course creators using CloudPedagogy templates

It supports both **individual designers** and **institution-wide adoption**.

CloudPedagogy — AI Capability Framework Application Handbook: Executive Summary (2026 Edition)
Licensed under Creative Commons CC BY-NC-SA 4.0 | www.cloudpedagogy.com

6

The CloudPedagogy Ecosystem

This Handbook forms part of a connected suite:

- **AI Capability Framework (2026 Edition)**

- **Application Handbook (this)**

- **Universal AI Practice Workbook**

- **Prompt Design Toolkit**

- **Governance & Ethics Templates**

- **Reflection Toolkit**

- **Free and Paid CloudPedagogy Courses**

Together, they create a scalable, ethical, and innovative capability system.

Licensing

Creative Commons **CC BY-NC-SA 4.0**
 You may share and adapt this work non-commercially with attribution.

CloudPedagogy — AI Capability Framework Application Handbook: Executive Summary (2026 Edition)
Licensed under Creative Commons CC BY-NC-SA 4.0 | www.cloudpedagogy.com

7

Closing Message

The AI Capability Framework Application Handbook is designed to help educators, practitioners, and organisations move beyond "tool training" toward **mature, ethical, creative AI capability**.

By using the Framework and the Universal Method, anyone can design courses that are:

- practical

- responsible

- innovative

- engaging

- aligned with public-good values

This Executive Summary captures the essence.
 For full templates, examples, and methodology, refer to the complete 35-page Handbook.