



Certified AI Project Professional

CAIPP

Exam Content Outline

AI for Project Managers.
Managing AI Projects.

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CAIPP at a Glance

The Certified AI Project Professional (CAIPP) is a vendor-neutral, role-anchored credential that prepares project professionals to lead the responsible, defensible adoption of artificial intelligence in how they deliver projects — and to manage AI and machine-learning projects themselves. It answers a two-part mandate: AI for project managers, and managing AI projects.

100 MCQs · 2 hours Examination	4 days · 32 CPDs Course	16 CPDs / 2 years Recertification
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About the CAIPP

Artificial intelligence is reshaping both halves of a project professional's world. On one side, AI is changing how projects are run — how scope is drafted, estimates built, schedules stress-tested, status reported and stakeholders engaged. On the other, a growing share of the projects themselves are AI and machine-learning initiatives: probabilistic, data-dependent, experiment-driven, and carrying novel ethical, regulatory and delivery risk.

The CAIPP equips project professionals to do both: to use AI confidently and responsibly in their daily delivery work, and to lead AI/ML projects to value without needing to become data scientists. It is vendor-neutral, framework-aligned, and grounded in the realities of project managers, PMO leaders, agile practitioners and delivery leads.

The credential complements existing project designations — PMP, PRINCE2, PMI-ACP, PgMP and equivalents — by adding the AI-fluency layer their bodies of knowledge do not yet cover in depth.

Who Should Pursue the CAIPP

Project Managers, Programme Managers and Project Directors across sectors
 Scrum Masters, Product Owners, delivery leads and agile practitioners
 PMO leads, portfolio managers and project-governance professionals
 Business analysts, change managers and transformation leads working on AI
 Technical and delivery leads managing AI, data or automation initiatives
 Sponsors, functional managers and consultants accountable for AI-enabled projects

Eligibility

The CAIPP is open to project professionals globally. There is one required component and one recommended component.

Required: CAIPP Training

Completion of at least 32 contact hours of structured CAIPP training delivered by GAICC-authorized providers or equivalent recognised institutions. Students can also fulfil this requirement by completing GAICC self-paced courses. Completing the required training hours ensures every certified holder shares a common baseline in AI concepts, governance, and project-application patterns.

Recommended Professional Experience

Prior project experience is recommended but not required. The guidance below helps candidates self-assess readiness; no documentation of experience is requested at registration.

Academic Qualification	Recommended Project Experience	Status
Master's degree (Project Management, Business, Engineering, Computing or related)	2 years	Recommended, not required
Bachelor's degree (any discipline)	3 years	Recommended, not required
Associate degree or project-management diploma	5 years	Recommended, not required
Secondary education	8 years	Recommended, not required

What You Will Be Able To Do

Distinguish AI, machine learning and generative AI in practical terms, and separate defensible project use cases from hype.

Apply AI to planning, estimation and scheduling — and validate AI-generated plans with professional judgement.

Use AI to monitor, control and report on projects while remaining accountable for the integrity of the numbers.

Strengthen stakeholder engagement, communication and team leadership with AI, used ethically and transparently.

Shape and business-case AI/ML initiatives, accounting for data dependency, uncertainty and ethical viability.

Coordinate the AI/ML delivery lifecycle — data, model development, deployment and monitoring — across specialist teams.

Tailor predictive, agile and hybrid approaches to experimental, data-driven work.

Apply AI governance, ethics, risk and compliance requirements (ISO/IEC 42001, NIST AI RMF, EU AI Act) within delivery.

Drive benefits realisation, adoption and change for AI investments, and help shape the AI-era PMO.

Where the CAIPP Fits in the GAICC AI Governance Ecosystem

GAICC credentials are not standalone exams. Each one is a working part of an integrated governance system — the GAICC AI Governance Framework, the AI Maturity Model, the Implementation Roadmap and the Credential Landscape — so that what a professional certifies in also maps to how an organisation governs, matures and implements AI. The CAIPP is the project-delivery specialty within that system: it turns governance intent into governed delivery on real projects.

Ecosystem asset	How the CAIPP connects
AI Governance Framework	Develops the Delivery & Operations layer (the first line — where AI is built and run) and the People, Functions & Capability spokes (governance embedded in the project and PMO function). Directly strengthens the Lifecycle, AI impact

	assessment, Data, Responsible-use and Third-party control domains, and the Direct → Assess → Operate → Improve governance loop.
Implementation Roadmap	CAIPP-certified professionals operationalise Phases 3-6 — Scope & baseline, Policy & controls, Embed, and Assure & certify — applying toolkit templates such as the AI System Inventory register, AI Impact Assessment, Statement of Applicability and RACI / accountability map on live projects.
AI Maturity Model	Advances the Capability & culture, Lifecycle control, and Risk, impact & trustworthiness governance dimensions, and supports the technology journey from AI-enabled to AI-first to AI-native — governed at every step.
Credential Landscape	Joins as an AI Governance Speciality — alongside CAILCP, AICCP and CAIHRP — complementing the AI Governance Core (CPAIG) and the ISO/IEC 42001 and ISO/IEC 27001 credential families.

Learn more

Resource	Link
AI Governance Framework	https://gaicc.org/ai-governance-framework/
AI Maturity Model	https://gaicc.org/ai-maturity-model/
Implementation Roadmap	https://gaicc.org/implementation-roadmap/
Governance Toolkit (templates)	https://gaicc.org/implementation-roadmap/#toolkit
Rosetta-Stone crosswalk (ISO 42001 ↔ NIST AI RMF ↔ EU AI Act)	https://gaicc.org/implementation-roadmap/#crosswalk
Credential Landscape	https://gaicc.org/credential-landscape/

The Credential Landscape is reviewed quarterly; the CAIPP is published as a new AI Governance Speciality within it. For the authoritative view of all GAICC credentials and how they align to ISO/IEC 42001, the NIST AI RMF and the EU AI Act, see the Credential Landscape and the Rosetta-Stone crosswalk above.

Examination Blueprint

Domain Weights

The CAIPP examination is structured around eight domains, grouped into two balanced halves. The first half — AI for Project Managers — develops the use of AI to plan, deliver and lead any project (Domains 1-4, 50%). The second half — Managing AI Projects — develops the delivery of AI and machine-learning initiatives responsibly (Domains 5-8, 50%). Weights reflect the depth of competence expected from a practising, AI-fluent project professional.

Domain	Topic	Weight
1	AI and Generative-AI Foundations for Project Professionals	10%

2	AI-Augmented Planning, Estimation and Scheduling	12%
3	AI for Execution, Monitoring, Control and Reporting	13%
4	AI for Stakeholders, Communication, Teams and the AI-Fluent PM	15%
5	Scoping, Initiating and Business-Casing AI/ML Projects	12%
6	Delivering AI/ML Projects: Lifecycle, Delivery Approaches and Data	13%
7	AI Governance, Ethics, Risk and Regulatory Compliance in Delivery	15%
8	Value, Benefits Realisation, Change Enablement and the AI-Era PMO	10%
Total		100%

Half A — AI for Project Managers: Domains 1–4 (50%). Half B — Managing AI Projects: Domains 5–8 (50%).

Cognitive Level Distribution

Items are written and balanced across Bloom's levels to test not only recall but practical judgement in project scenarios.

Cognitive Level	Approximate Share of Items
Remember	10%
Understand	25%
Apply	35%
Analyse	20%
Evaluate	10%

Examination Specifications

Specification	Detail
Number of items	100 multiple-choice questions, single best answer
Duration	2 hours (120 minutes)
Pass mark	70%, anchored via modified-Angoff standard setting
Reference materials	Closed book
Language	English
Delivery	Online proctored
Re-take policy	Up to two re-takes per 12-month period; minimum 30 days between attempts
Accommodations	Reasonable accommodations available on request, in line with applicable disability and equality law

Domain Summaries

Each domain below identifies its weight in the examination, a description of the competence assessed, and the key topics from which items will be drawn.

Domain 1. AI and Generative-AI Foundations for Project Professionals

Weight: 10%

Establishes the shared vocabulary and mental models a project professional needs to engage credibly with sponsors, technical teams and AI vendors. Covers what AI, machine learning, deep learning and generative AI actually are; how large language models and AI agents behave in practice; what they can and cannot do reliably; and the categories of AI tooling now reshaping how projects are planned and delivered.

Key topics

Core concepts: AI, machine learning, deep learning, generative AI, foundation models, agents

How large language models work in plain terms: tokens, context windows, training vs. inference

Capabilities, limits and failure modes: hallucination, recency, bias, brittleness, non-determinism

The project-management AI landscape: copilots, scheduling AI, risk analytics, PPM-platform AI, meeting assistants

Prompt fundamentals and structured prompting patterns for project tasks

Build vs. buy vs. configure: when to use a general copilot versus a specialised PM AI tool

Data, privacy and confidentiality basics when using AI on project information

Domain 2. AI-Augmented Planning, Estimation and Scheduling

Weight: 12%

Develops the judgement to apply AI across the front half of the delivery cycle — turning charters and requirements into scope, estimates, schedules and budgets. Grounded in the planning performance domain and the way AI now accelerates, and can distort, estimation and scheduling work.

Key topics

AI-assisted scope definition, work-breakdown generation and requirements drafting

Estimation with AI: analogous and parametric support, reference-class forecasting, estimate ranges and confidence

AI-supported scheduling: activity sequencing, critical-path insight, resource levelling, schedule-risk simulation

Budgeting and cost forecasting with AI; guarding against false precision

Generating and stress-testing project management plans and subsidiary plans

Assumptions, constraints and the risk of automation bias in AI-generated plans
Human validation: what a planner must always check before committing an AI-produced plan

Domain 3. AI for Execution, Monitoring, Control and Reporting

Weight: 13%

Covers AI applied to the delivery engine of a project — tracking progress, controlling scope, cost and schedule, surfacing issues early, and producing trustworthy status and forecasts. This is where AI most changes the day-to-day work of the project manager.

Key topics

AI-assisted status tracking, progress roll-ups and earned-value analytics
Predictive monitoring: early-warning signals, forecast-to-complete, slippage detection

AI in integrated change control: impact analysis, log maintenance, decision support

Automated and AI-drafted reporting: dashboards, narrative status, executive summaries

Meeting assistants: transcription, action capture and follow-up automation — and their limits

Quality and integrity of AI-generated metrics; avoiding “dashboard theatre”

Keeping the human accountable for the numbers reported to sponsors

Domain 4. AI for Stakeholders, Communication, Teams and the AI-Fluent PM

Weight: 15%

The most human part of “AI for project managers.” Develops how to use AI to strengthen — not hollow out — stakeholder engagement, communication and team leadership, and how the project professional leads their own responsible, productive adoption of AI.

Key topics

AI-assisted stakeholder analysis, mapping and engagement planning

Drafting and tailoring communications, updates and difficult messages with professional judgement

AI for meetings, minutes, decision logs and cross-language collaboration

Supporting distributed and hybrid teams; AI and team well-being, workload and trust

Personal productivity: prompting patterns, copilots and safe personal AI use for project managers

Professional and ethical use: confidentiality, attribution and disclosure of AI use

Building AI fluency and a responsible-use habit across the project team

Domain 5. Scoping, Initiating and Business-Casing AI/ML Projects

Weight: 12%

Opens the “managing AI projects” half of the credential. Prepares the project professional to recognise what makes an AI or machine-learning initiative different, to shape a defensible use case, and to build a business case and initiation approach fit for probabilistic, data-dependent work.

Key topics

What makes AI/ML projects different: data dependency, uncertainty, experimentation, the model lifecycle
 Identifying and qualifying AI use cases; distinguishing genuine value from hype
 Feasibility: data availability and quality, technical readiness, ethical and legal viability
 Business case and value hypotheses for AI; cost, benefit and risk under uncertainty
 Success criteria and acceptance for probabilistic systems (accuracy, fairness, reliability thresholds)
 Sponsor, product-owner and data-science stakeholder alignment at initiation
 Choosing build / buy / partner / fine-tune for an AI capability

Domain 6. Delivering AI/ML Projects: Lifecycle, Delivery Approaches and Data

Weight: 13%

The delivery core for AI initiatives. Covers the AI/ML project lifecycle, how to tailor predictive, agile and hybrid approaches to experimental work, and the data, MLOps and vendor realities a project manager must coordinate — without needing to be a data scientist.

Key topics

The AI/ML lifecycle: problem framing, data, model development, validation, deployment, monitoring
 Tailoring delivery approach: agile and iterative for discovery; hybrid and stage-gated for scale-up
 Managing data work streams: sourcing, labelling, pipelines, data debt and their schedule impact
 MLOps and deployment at a project level: environments, model release, drift and retraining cadence
 Coordinating data scientists, engineers, domain experts and vendors
 Estimating and controlling inherently uncertain, experiment-driven work
 Testing, validation and acceptance of models; handling non-deterministic results

Domain 7. AI Governance, Ethics, Risk and Regulatory Compliance in Delivery

Weight: 15%

The defensibility layer of the credential. Project professionals increasingly carry accountability for how AI is built and deployed. This domain develops fluency in the governance frameworks, ethical principles, risk practices and regulatory regimes a project manager must apply when delivering AI — anchored to ISO/IEC 42001, the NIST AI RMF and the EU AI Act.

Key topics

AI risk and governance frameworks: ISO/IEC 42001:2023, ISO/IEC 23894:2023, NIST AI RMF 1.0, OECD AI Principles
 The EU AI Act and the risk-tier model; obligations that fall on delivery teams
 AI-specific risk management: model, data, bias, security, third-party and reputational risk

Ethics in delivery: fairness, transparency, human oversight, accountability, contestability

Responsible-AI documentation a project must produce: impact assessments, model cards, AI use registers

Data governance, privacy and security touchpoints (GDPR, data protection by design)

Embedding governance gates into the plan without stalling delivery

Domain 8. Value, Benefits Realisation, Change Enablement and the AI-Era PMO

Weight: 10%

Closes the credential with the disciplines that decide whether AI investment actually pays back: benefits realisation, organisational change and adoption, and the operating model of the AI-era project and PMO function. Most AI initiatives fail on adoption, not technology.

Key topics

Benefits realisation for AI: leading and lagging measures, value tracking, avoiding vanity metrics

Organisational change management and adoption for AI-enabled ways of working

Communicating AI change to teams, sponsors, customers and affected staff

Transition, handover and sustainment: running AI once the project ends

The AI-era PMO: portfolio prioritisation, AI project intake, standards and assurance

The evolving role and operating model of the AI-fluent project professional

Building a responsible AI project roadmap: pilots, scaling and sunseting

How to Earn the CAIPP

Step	What you do
1	Confirm eligibility and review this Exam Content Outline.
2	Enrol in the 4-day CAIPP Course with a GAICC-authorized provider or an equivalent recognised institution; you may also complete GAICC's self-paced course.
3	Register for and pass the CAIPP examination (100 MCQs, 70% pass mark).
4	Agree to the GAICC Code of Professional Ethics.
5	Use the CAIPP designation and maintain it through ongoing CPDs.

Recertification

CAIPP holders recertify every 24 months by completing 16 Continuing Professional Development (CPD) credits, of which at least 6 must address AI Governance, Ethics or Risk. This ensures certificants stay current with both fast-moving AI capability and fast-moving AI regulation.

Acceptable CPD activities include GAICC-approved courses and webinars, structured self-study against the published reading list, contributing to AI-in-project research or standards work, speaking or publishing on AI in project delivery, and serving in approved AI-governance or project-assurance roles. Full details, evidence requirements and the audit process are set out in the GAICC Recertification Policy.

Fees and Pricing

Examination, membership and renewal fees are published in the applicable GAICC Candidate Handbook and on the GAICC website (www.gaicc.org). To maintain a single source of truth, fee amounts are not reproduced in this Examination Content Outline.

Standards and Frameworks Informing the CAIPP

The CAIPP draws on the leading bodies of knowledge in both project management and AI governance. Candidates are expected to demonstrate recognition-level awareness of the following frameworks and how they apply to delivering projects with, and about, AI.

Project-management bodies of knowledge

PMI PMBOK® Guide (current edition) and the PMI standards library
PMI Standard for the Use of AI in Portfolio, Program and Project Management
ISO 21500 and ISO 21502 — guidance on project, programme and portfolio management
PRINCE2® and equivalent structured project-management methods (recognition-level)
Agile and hybrid frameworks: the Agile Practice Guide, Scrum and scaled-agile guidance (recognition-level)

AI governance, risk and ethics (recognition-level)

ISO/IEC 42001:2023 — AI Management Systems
ISO/IEC 23894:2023 — AI Risk Management Guidance
ISO/IEC 5338:2023 — AI system life cycle processes
NIST AI Risk Management Framework 1.0 and the Generative AI Profile
OECD AI Principles and the UNESCO Recommendation on the Ethics of AI

AI regulation and assurance (recognition-level)

EU AI Act — risk-tier obligations relevant to AI project delivery
Data-protection regimes touching AI projects: EU/UK GDPR and equivalents
Emerging national AI regulation and assurance expectations across major jurisdictions

About the Global AI Certification Council

The Global AI Certification Council (GAICC) develops vendor-neutral, role-anchored professional credentials that help practitioners adopt artificial intelligence responsibly and defensibly within their professions. GAICC credentials

are designed by working practitioners, validated against established bodies of knowledge, and maintained through transparent psychometric and continuing-education processes.

Get in touch

For programme inquiries, partnership opportunities, or to become an Authorised Training Provider, please contact the Global AI Certification Council.

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