



AIP® Exam Blueprint

AI Practitioner. What the exam asks, how it is scored, and what share of questions each domain carries.

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At a glance

Questions	120
Time	150 minutes
Format	120 MCQs & practical evaluation scenarios, 150 minutes
Pass mark	70% scaled score
Retakes	1 retake included within 12 months
Refunds and rescheduling	Non-refundable; free reschedule up to 24h prior
Credential lasts	3 years. 45 TDUs every 3 years to renew.

Who it is for and who can sit it

Who it is for	AI engineers, ML architects, applied research developers (2–5 years)
With a degree	Foundational software engineering experience + hands-on Python/LLM deployment (2+ years)
Without a degree	36 months hands-on software development and applied machine learning deployment

Share of questions by TPBOK domain

Domain	Share	What is covered
Architecture & Systems Design	26%  about 31 of 120 questions	RAG topologies, vector search embeddings, semantic caching, and streaming APIs
Engineering Governance & Agile Delivery	18%  about 22 of 120 questions	Evaluation benchmarks (MMLU, HumanEval), regression testing, and hallucination monitoring

Domain	Share	What is covered
Applied AI & Emerging Tech Integration	36%  about 43 of 120 questions	Fine-tuning vs in-context learning, function calling, agentic loops, and multi-modal models
Infrastructure & Security	14%  about 17 of 120 questions	Model jailbreak prevention, PII scrubbing, private model hosting, and token rate limits
People Leadership in Engineering	6%  about 7 of 120 questions	Internal AI ethics policies, responsible disclosure, and team enablement

Focus areas

- Retrieval-augmented generation (RAG) chunking, indexing, and reranking architectures
- Model parameter optimization, LoRA fine-tuning, and prompt caching strategies
- Prompt injection defense, data leakage mitigation, and automated LLM evaluation
- Compute cost benchmarking: GPU inference vs serverless token endpoints

Scoring. Tiered standard: 65% for foundational (ATP), 70% for CTP and specialty credentials, 75% for executive leadership (PgTP, PfTP). Evaluated via psychometrically calibrated scaled scoring with no negative marking.

Rescheduling. Reschedule-only. Examination voucher fees are non-refundable once registered. However, candidates can reschedule their exam sitting free of charge up to 24 hours prior to their scheduled exam window.

IICTP is a new independent credential and is not ISO/IEC 17024 accredited. Blueprint version 1.0, 21 October 2026. Domain shares are the share of questions on each exam form. See all credentials at <https://www.iictp.org/certifications/exam-facts>.