CAIPM – Certified AI Program Manager (e-Learning)

EC-Council

Com certificação

- **Nível:**
- **Duração:** 13h

Sobre o curso

Become the AI Value Architect: The Definitive Path to Scaling Intelligence and Generating ROI.

EC-Council's Certified AI Program Manager (CAIPM) is a comprehensive certification designed to **transform experienced professionals into enterprise-ready AI program managers.** Participants will develop the strategic skills to adopt, apply, and secure AI initiatives across real-world organizations.

This program **bridges the gap between technical AI knowledge and business execution,** equipping you to align artificial intelligence with strategy, people, governance, risk management, and measurable ROI.

- 10 Comprehensive Modules
- Industry-Aligned Curriculum
- Structured exercises for real-world exposure

What is an AI Program Manager and how is this role different from a traditional program manager?

An AI program manager focuses on planning, governing, and scaling AI initiatives, while a traditional program manager typically handles non-AI projects. An AI program manager works closely with data teams, business leaders, and product owners to align AI with strategic goals. This role requires understanding AI adoption, AI principles, and AI business intelligence to drive measurable impact.

Enterprises Need Certified AI-First Program Managers

AI is moving from experimentation to infrastructure, but most organizations lack the structured program management needed to scale. Enterprises need certified AI Program Managers who can integrate AI throughout

the program life cycle, from customer discovery to delivery, so they can build better products faster and scale with confidence. IDC estimates $5.5 trillion in unrealized AI value due to skills gaps. McKinsey reports 80% of companies use AI but lack program leadership to scale.

The Problem

95% of AI initiatives fail to reach production.* Organizations invest millions in AI tools but lack professionals who can bridge the gap between technical execution and business impact.

- AI hype without structured program management
- Siloed experiments that never scale enterprise-wide
- No bridge between AI capability and business outcomes

**Source: MIT report*

CAIPM Credential Validates

The **CAIPM certification equips you to lead AI projects end-to-end**, from ideation to deployment. Master AI adoption, MLOps, and stakeholder management.

- Validate your ability to integrate AI throughout the program life cycle
- Verify skills in leading AI initiatives from discovery to delivery
- Prove you can help enterprises build, scale, and deliver AI programs faster and smarter

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Destinatários

This course is ideal for experienced professionals from all industries, program managers, digital transformation leaders, consultants, and professionals involved in adoption of AI across organizations. If you are working with AI for business intelligence, managing AI adoption, or transitioning into AI-driven roles, this program is designed for you.

Who is CAIPM Ideal For

This program is designed for professionals across security, IT, and business functions who want to lead AI initiatives.

Program & Technology Leadership

Program managers leading AI initiatives
Technology strategists and system integrators enabling AI missions

Policy, Risk & Compliance

Policy-makers overseeing responsible AI adoption
Compliance officers governing AI operational risk

Business & Operations

Business leaders aligning AI investments to ROI
Operations managers driving AI-enabled transformation

Security & IT Operations

Cybersecurity professionals involved in AI adoption and transformation
IT administrators supporting AI integration and deployment

Data & Analytics

Data analysts transitioning into AI operations roles
Data engineers supporting AI deployment pipelines

Objetivos

What CAIPM Validates

Verify the skills that make you the AI leader organizations need:

- Your ability to own AI programs end-to-end
- Skills that differentiate you from technical-only AI roles
- Confidence in leading AI discussions with executives
- Industry-recognized proof of structured AI program capability
- Bridge the critical gap between business needs and AI implementation

What Your Organization Gets

Solve the AI program management crisis:

- Significantly reduce AI project failure risk
- Establish governance before compliance issues arise
- Faster, aligned AI adoption across departments
- Clear ROI tracking and accountability for AI investments

Pré-requisitos

Do I need technical or coding experience to earn the CAIPM certification?

No coding background is required. However, familiarity with generative AI concepts, prompt engineering fundamentals, and AI workflows will help you succeed.

Programa

- AI Fundamentals for Business Adoption
- Organizational Readiness and AI Maturity Assessment
- AI Use Case Identification and Value Prioritization
- AI Strategy and Roadmap Development
- Change Management and AI Enablement
- AI Platforms, Tools, and Ecosystem
- Governance, Ethics, and Safe AI Adoption
- AI Pilot Execution and Scaled Deployment
- Measuring AI Adoption Impact and Value
- Sustaining AI Transformation

AI Fundamentals for Business Adoption

- Core AI concepts and business applications
- Differences between AI, automation, and analytics
- AI capabilities, data dependencies, and failure modes
- Types of AI-ML, DL, Generative AI, and Agents
- AI project life cycle,MLOps, and DataOps
- Emerging AI trends and future opportunities

Organizational Readiness and AI Maturity Assessment

- Assess AI readiness across key dimensions
- Apply AI maturity models and benchmark capabilities
- Conduct AI readiness assessments
- Identify AI adoption risks

AI Use Case Identification and Value Prioritization

- Identify AI opportunities and assess business value
- Prioritize use cases based on ROI and feasibility
- Build vs. buy vs. partner decisions for AI solutions

AI Strategy and Roadmap Development

- Develop AI strategy aligning with business goals
- Create AI roadmaps with dependency mapping
- Design AI operating models with clear roles and governance

Change Management and AI Enablement

- Lead AI adoption with effective change management
- Apply ADKAR and Kotter frameworks for AI initiatives
- Build AI training programs and a learning culture

AI Platforms, Tools, and Ecosystem

- Evaluate AI platforms and tools for business fit
- Integrate AI tools with enterprise systems
- Ensure security and vendor maturity in AI tools

Governance, Ethics, and Safe AI Adoption

- Establish AI governance policies and processes
- Implement ethical AI practices with bias awareness
- Navigate AI compliance and regulatory frameworks

AI Pilot Execution and Scaled Deployment

- Design and execute AI pilots with success metrics
- Manage phased rollouts and AI deployment readiness
- Scale AI adoption and mitigate expansion risks

Measuring AI Adoption Impact and Value

- Measure AI adoption effectiveness and skill progression
- Quantify business value through AI metrics
- Communicate AI value via dashboards and reports

Sustaining AI Transformation

- Ensure long-term AI transformation success
- Continuously improve AI adoption and adapt to new technologies
- Build leadership and a sustainable AI culture