C|RAGE

Certified | Responsible AI Governance & Ethics

CERTIFIED RESPONSIBLE AI GOVERNANCE & ETHICS PROFESSIONAL

Be EN-RAGED by the Chaos. Lead the Mandate for Responsible AI Governance.

When AI fails, leadership is accountable. C|RAGE certifies professionals who can stand behind AI decisions.

Enterprises Need Certified
AI Governance Professionals

Nearly 80% of organizations deploy AI without a defined governance owner or operating model. Regulations are tightening. Enterprises need leaders who can embed governance throughout the AI life cycle, from ideation to deployment.

EC-Council's Certified Responsible AI Governance & Ethics Professional (C|RAGE) credential validates your ability to operationalize governance aligned with NIST AI RMF and ISO/IEC 42001, helping enterprises scale AI with accountability.

Source: McKinsey Global AI Survey

The Market Problem

Why AI Governance Fails

• Organizations deploy AI without governance ownership

• Compliance gaps with NIST AI RMF and ISO 42001 regulations

• No verified skills for AI auditing and validation

• Unclear accountability when AI systems fail

• Regulatory penalties approaching as AI rules tighten

When AI Fails, Leadership Is Accountable

Boards and regulators now expect named ownership, defensible governance decisions, and audit-ready evidence, not post-hoc explanations.

Introducing Certified Responsible AI Governance & *Ethics Professional*

The Credential for AI Governance, Ethics, and Enterprise Oversight

C|RAGE is a professional certification built to prepare professionals to **govern AI systems responsibly across their life cycle:** from policy and oversight to controls, compliance, and assurance.

C|RAGE equips you to:

- Establish governance structures, roles, and decision authority
- Apply ethical principles in operational, enforceable ways
- Manage regulatory obligations and audit readiness
- Assess AI risks and enforce accountability across design, deployment, and operation

Certified Responsible AI Governance & Ethics Professional (C|RAGE) is not a model-building certification. It is for professionals responsible for making AI **trustworthy, defensible, and compliant at scale.**

What This Credential Validates

C|RAGE HELPS:

- Validate you can lead AI governance across teams
- Verify your skills in building regulatory-compliant AI programs
- Prove your ability to execute AI testing, validation, and auditing
- Validate your expertise in AI risk assessment and third-party AI risk
- Demonstrate you can define enterprise AI strategy and accountability

Governance Outputs You Can Execute

C|RAGE reflects the real rigor required in enterprise AI governance and prepares you to execute concrete governance artifacts, including:

- AI governance charters
- Risk registers aligned to NIST AI RMF
- Model accountability maps
- Audit evidence templates

These outputs directly support audit readiness, regulatory review, and executive oversight.

Verifiable Skills You Will Gain with Certified Responsible AI Governance & Ethics **C|RAGE** Credential

With C|RAGE, you gain job-relevant skills you can apply and demonstrate:

Govern AI Frameworks

Build and implement enterprise AI governance frameworks.

Ensure Compliance Alignment

Map AI programs to NIST AI RMF, ISO/IEC 42001, and applicable regulations.

Assess AI Risk

Identify, measure, and mitigate AI-specific risks across the life cycle.

Lead AI Oversight Across Stakeholders

Coordinate governance across technical, legal, privacy, security, and risk teams.

Implement Responsible AI Controls

Put ethical, fair, transparent, and accountable practices into operations.

C|RAGE makes you the governance leader organizations need to scale AI with confidence.

Enterprise Impact of *Verifiable Skills* from Certified Responsible AI Governance & Ethics C|RAGE

- **Protects reputation and revenue:** Reduces exposure to penalties (e.g., GDPR fines up to 4% of global turnover) and public trust failures.

- **Accelerates safe innovation:** Embeds controls early reducing delays, rework, and regulatory friction.

- **Builds customer and regulator trust:** Demonstrates accountability aligned to standards (EU AI Act, NIST AI RMF, ISO/IEC 42001).

- **Strengthens resilience:** Governance combined with security practices to reduce exposure to attacks such as model poisoning, prompt injection, and data theft.

Certified Responsible AI Governance & Ethics Professional C|RAGE Program *Modules*

Module 01

AI Foundations and Technology Ecosystem

Master the foundational concepts, technologies, and operational life cycle of artificial intelligence (AI) to understand how modern AI systems are built, deployed, and scaled responsibly.

What You will Learn

- Understand core principles, evolution, and components of AI
- Apply real-world AI applications across industries
- Apply AI project life cycle, MLOps, and DataOps
- Apply AI technology stack, infrastructure, and deployment models

Module 02

AI Concerns, Ethical Principles, and Responsible AI

Master ethical AI principles and frameworks to ensure responsible AI development and deployment across your organization.

What You will Learn

- Understand key ethical, societal, privacy, and security concerns in AI
- Understand fundamental AI ethics principles and global standards
- Apply Responsible AI usage practices for safe and accountable AI
- Apply Responsible AI development life cycle and governance integration

Module 03

AI Strategy and Planning

Develop structured AI strategies and roadmaps that align organizational goals with responsible, scalable, and value-driven AI adoption.

What You will Learn

- Set an AI vision and assess organizational readiness
- Prioritize use-case and develop an AI roadmap
- Modernize data, technology, and infrastructure
- Manage AI pilots, scaling strategies, culture, and performance

Module 04

AI Governance and Frameworks

Design and implement enterprise-wide AI governance structures that ensure accountability, transparency, compliance, and trust.

What You will Learn

- Understand AI governance concepts, operating models, and roles
- Define AI governance policies, decision rights, and controls
- Apply global AI governance frameworks and life cycle governance
- Manage AI asset management, documentation, human oversight, and tooling

Certified Responsible AI Governance & Ethics Professional C|RAGE Program *Modules*

Module 05
AI Regulatory Compliance

Navigate global AI regulations and compliance obligations to ensure lawful, ethical, and defensible AI deployments.

What You will Learn

- Understand global and sector-specific AI regulatory requirements

- Understand accountability, liability, and user rights in AI systems

- Apply operational compliance, reporting, and audit readiness

- Implement continuous compliance monitoring and legal risk management

Module 06
AI Risk and Threat Management

Identify, assess, and manage AI-specific risks, threats, and vulnerabilities across the AI life cycle.

What You will Learn

- Understand AI threat landscape, vulnerabilities, and adversarial attacks

- Apply AI risk identification, assessment, and prioritization methods

- Apply AI risk management frameworks and standards

- Conduct threat modeling and attack surface analysis for AI systems

Module 07
Third-party AI Risk Management and Supply Chain Security

Manage vendor, supplier, and ecosystem risks across AI procurement, deployment, and life cycle operations.

What You will Learn

- Understand third-party AI risk categories and supply chain threats

- Conduct AI vendor due diligence, evaluation, and contract governance

- Apply regulatory obligations and vendor compliance requirements

- Implement continuous vendor monitoring, assurance, and incident response

Module 08
AI Security Architecture and Controls

Design secure-by-design AI architectures that protect models, data, pipelines, and runtime environments.

What You will Learn

- Understand AI security architecture principles and frameworks

- Apply secure AI design patterns and defense-in-depth strategies

- Implement secure coding, model protection, and deployment controls

- Apply runtime security, API protection, and continuous monitoring

Certified Responsible AI Governance & Ethics Professional C|RAGE Program *Modules*

Module 09

Building Privacy, Trust, and Safety in AI Systems

Embed privacy, transparency, trust, and safety into AI systems to enable ethical and user-centric AI experiences.

What You will Learn

- Understand privacy-enhancing technologies and data protection techniques

- Apply AI privacy risk assessment and mitigation strategies

- Apply transparency, explainability, and trust-building mechanisms

- Implement ethical design, fairness assurance, and trust monitoring

Module 11

AI Assurance, Testing, and Auditing

Establish robust assurance, testing, and audit mechanisms to validate trustworthy, compliant, and reliable AI systems.

What You will Learn

- Understand AI assurance principles, frameworks, and governance models

- Apply AI testing strategies across data, models, and systems

- Conduct validation, verification, bias, fairness, and robustness testing

- Apply AI auditing methodologies, evidence management, and reporting

Module 10

AI Incident Response and Business Continuity

Build AI-specific incident response, resilience, and recovery capabilities to sustain trust and business operations.

What You will Learn

- Understand AI-focused incident response frameworks and workflows

- Conduct AI incident detection, containment, recovery, and reporting

- Develop AI business continuity and disaster recovery planning

- Apply testing, simulations, and continuous readiness improvement
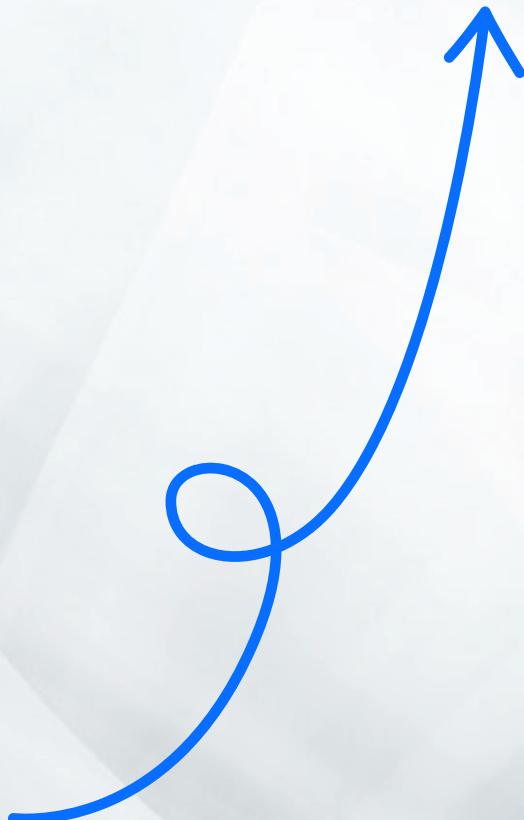
Responsible AI *Governance & Ethics*

Methodology

From risk assessment to policy implementation and compliance to continuous monitoring, there is a structured approach to governing AI responsibly.

This framework prepares you to lead AI governance with confidence and accountability.

ASSESS 01

Identify AI risks, conduct gap analysis, and evaluate governance maturity to understand your organization's current state and compliance readiness.
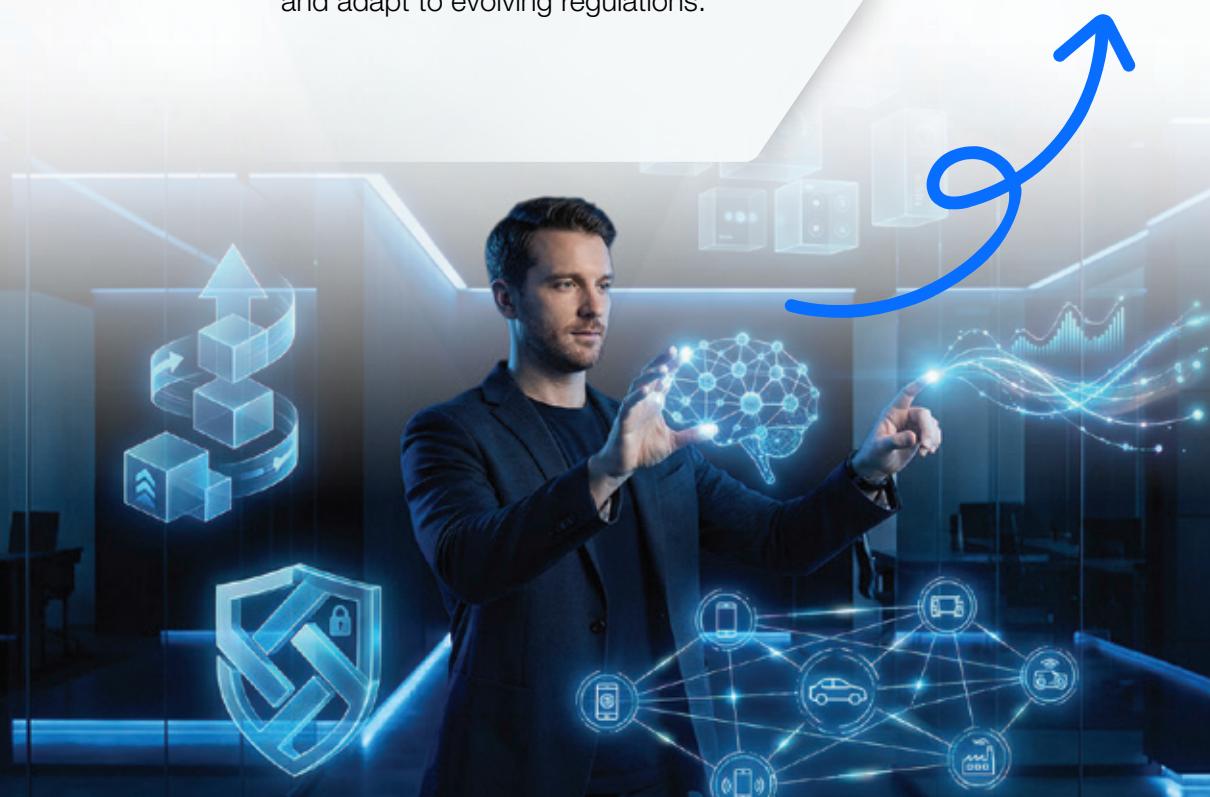
GOVERN 02

Design policies, implement controls, and establish oversight mechanisms to ensure ethical AI use, regulatory compliance, and clear accountability.

SUSTAIN 03

Monitor AI systems continuously, report on governance metrics, and drive improvement to maintain trust and adapt to evolving regulations.

Who C|RAGE Is Designed For

C|RAGE is designed for professionals who must ensure AI is **ethical, compliant, secure, and accountable,** regardless of whether they build models.

GRC and Risk Management

- Head of Governance, Risk & Compliance (GRC)
- GRC Manager
- Director, Risk Management
- Risk Manager
- Head of Enterprise Risk Management (ERM)
- Operational Risk Manager

Privacy and Data Governance

- Chief Privacy Officer
- Director of Privacy
- Privacy Program Manager
- Data Protection Officer (DPO)
- Data Governance Manager
- Director, Data Governance

Compliance and Regulatory

- Director, Compliance
- Compliance Manager
- Director, Regulatory Affairs
- Regulatory Compliance Manager

Audit

- Internal Audit Manager (Technology/IT)
- Technology Audit Manager
- Director, Internal Audit

Become the standard-bearer for Responsible AI Governance.

Get C|RAGE

(Talk to our career advisor now)

Job Roles Enabled by Certified Responsible AI Governance & Ethics C|RAGE

Verifiable C|RAGE skills align with high-impact roles in AI and cybersecurity

The C|RAGE certification opens doors to high-impact roles across AI governance, ethics, compliance, and leadership.

Executive and Leadership

- Chief AI Officer (CAIO)
- Chief Privacy Officer (CPO)/DPO
- Technology Risk or Assurance Leader

Risk and Ethics

- AI Risk Manager
- AI Ethics Specialist
- Legal, Ethical and Policy Advisor

Program and Life Cycle

- AI Program Director/Manager
- MLOps/AI Life Cycle Manager
- AI Security Architect

Governance and Compliance

- AI Compliance Managers/Officer
- AI Governance Lead/Professional
- Model Governance Specialist

Assurance and Audit

- AI Auditor/AI Assurance Auditor
- AI Assurance Specialist/Lead
- Responsible AI Team Lead

Policy and Advisory

- AI Policy Analyst/Advisor
- Director of AI Governance
- Responsible AI Consultant

Certified Responsible AI Governance & Ethics Professional C|RAGE *Training and*

Exam Overview

Training

Title of the Course: Certified Responsible AI Governance and Ethics Professional (C|RAGE)

Version: 1

Duration: 3 days

Prerequisite: 3 years of cybersecurity experience

Delivery Mode:

- **Instructor-led Training (ILT)**
  In-person training where you can collaborate with your peers.

- **iLearn (Asynchronous Online Learning)**
  An asynchronous, self-study experience in a video-streaming format.

- **iWeek (Synchronous Online Learning)**
  A live, online course led by an instructor.

Exam

Exam Title: Certified Responsible AI Governance and Ethics Professional (C|RAGE)

Exam Code: 612-51

Number of Questions: 100

Duration: 3 hours

Availability: ECC Exam Portal

Passing Score: 70–80%

Test Format: Multiple Choice Questions (MCQs)

Certified Responsible AI Governance & Ethics Professional C|RAGE

Be EN-RAGED by the Chaos. Lead the Mandate for Responsible AI Governance.

About EC-Council

EC-Council's mission is to build and redefine the cybersecurity profession globally

through education, certification, and workforce development, with an expanded focus on **AI-enabled and AI-secure enterprises**.

Through industry-recognized certifications and training, EC-Council prepares professionals to address challenges across **cybersecurity, AI governance, and the secure adoption of AI technologies**. Its certification portfolio includes programs such as Certified Ethical Hacker (C|EH AI), Certified Penetration Testing Professional (C|PENT AI), Computer Hacking Forensic Investigator (C|HFI), Certified Network Defender (C|ND), Certified SOC Analyst (C|SA), Certified Threat Intelligence Analyst (C|TIA), Certified Incident Handler (E|CIH), and the Certified Chief Information Security Officer (C|CISO).

EC-Council also provides cybersecurity services to some of the largest businesses globally. Trusted by 7 of the Fortune 10, 47 of the Fortune 100, the U.S. Department of Defense (DoD), the intelligence community, NATO, and more than 2,000 universities, colleges, and training companies, with certified professionals in more than 140 countries.

EC-Council is an ANAB ISO/IEC 17024-accredited organization and has recognition under **DoD Directive 8140/8570**, as well as recognition in the U.K. by **GCHQ** and other bodies.

Founded in 2001, EC-Council employs more than 400 individuals worldwide and operates 10 global offices in the U.S., U.K., Malaysia, Singapore, India, and Indonesia, including U.S. offices in Albuquerque, New Mexico, and Tampa, Florida.

Learn more at eccouncil.org.