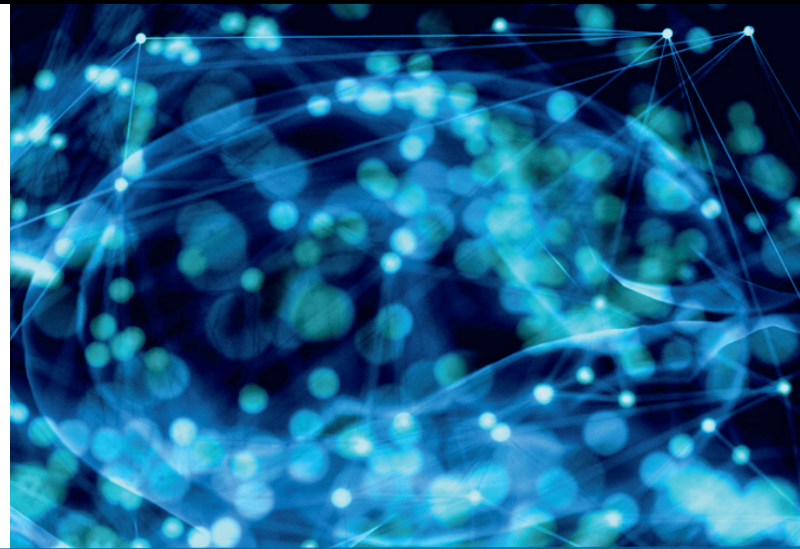


# IEEE CertifAIEd™ Professional Certification

Empowering individuals with the knowledge and tools to uphold ethical AI standards in the creation and implementation of Autonomous Intelligent Systems (AIS).



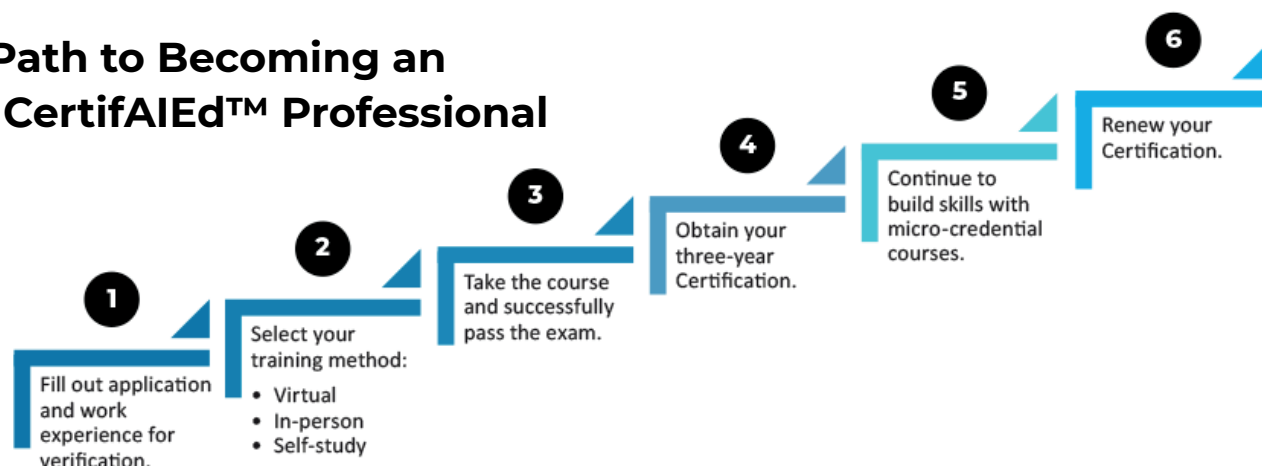
Organizations around the world are jumping into the AI revolution, understanding the associated risks, but needing to keep pace. Laws and regulations have been introduced to keep AI use in check, and businesses are taking a governance-first approach when developing AI systems. But, are they ready to incorporate ethical principles and responsible practices into the design?

IEEE CertifAIEd™ Professional Certification demonstrates a professional's experience and expertise in applying the IEEE AI Ethics framework and methodology to their work profession.

**The IEEE CertifAIEd training on AI Ethics, which can lead to this certification, includes review and discussion of:**

- General AI Ethics / Responsible AI
- Global initiatives around AI Ethics regulations and the rationale for near-term action
- Ethics Profiling
- Understanding of The IEEE CertifAIEd™ Ethical Criteria Suites (Accountability, Transparency, Privacy and Algorithmic Bias)
- Essential elements of the AI Ethics Framework and Methodology that lead to preparation for a certification exam.

## The Path to Becoming an IEEE CertifAIEd™ Professional



Learn more and register for an upcoming training session at [ieeesa.io/certifai-ed-professional](https://ieeesa.io/certifai-ed-professional)

**COURSE DESIGN**

- Provides in-depth instruction on the IEEE CertifAIEd framework and how it can be used to assess the ethicality of AI-based products and systems.
- Aligns with regulations from jurisdictions around the world, such as the US, Canada, China, UK, and more.

**COURSE AGENDA**

DAY 1: FOUNDATIONS & ETHICS PROFILING	DAY 2: CRITERIA SUITES & USE CASES	DAY 3: PRIVACY, BIAS & CERTIFICATION
<ul style="list-style-type: none"> <li>• Course Introduction</li> <li>• What is AI Ethics?</li> <li>• IEEE CertifAIEd and Global AI Regulation</li> <li>• Introduction to Criteria Suites</li> <li>• Ethics Profiling</li> <li>• Workshop: Ethics Profiling</li> <li>• Review of Ethics Profiling Workshop</li> </ul>	<ul style="list-style-type: none"> <li>• Ethical Transparency Criteria Suite</li> <li>• Workshop: Transparency Use Case</li> <li>• Review of Transparency Workshop</li> <li>• Ethical Accountability Criteria Suite</li> <li>• Workshop: Accountability Use Case</li> <li>• Review of Accountability Workshop</li> <li>• Q&amp;A</li> </ul>	<ul style="list-style-type: none"> <li>• Ethical Privacy Criteria Suite</li> <li>• Workshop: Privacy Use Case</li> <li>• Review of Privacy Workshop</li> <li>• Algorithmic Bias Criteria Suite</li> <li>• Workshop: Bias Use Case</li> <li>• Review of Bias Workshop</li> <li>• IEEE AI Ethics Certification Process</li> <li>• Final Exam Prep and Q&amp;A</li> </ul>

**BENEFITS TO YOU AND YOUR ORGANIZATION**

- Gain knowledge of global legislation and regulations, like the EU AI Act and others, that impact AI systems and how to address them.
- Learn how aligning with the IEEE CertifAIEd framework and methodology can help you:
 

- Prioritize ethical values throughout the AI development life cycle
  - Assess the ethicality of AI in products and systems
  - Scale responsible innovation implementations
  - Improve the quality of AIS
  - Increase trust of key stakeholders
  - Build consumer trust in your company’s products and services
- Earn recognition as an IEEE CertifAIEd Professional, which can help advance career opportunities.

**WHO SHOULD CONSIDER THIS COURSE:**

- Individuals involved in risk mitigation for their organizations, including HR, Insurance Underwriters, Legal Departments, Quality Managers, and more.
- Professionals exploring the use of AI tools in their business processes
- Organizations looking to train employees on AI Ethics
- AI system developers
- Legislators and policymakers

**DEMONSTRATE YOUR KNOWLEDGE WITH MICRO-CREDENTIAL COURSES**

- Add specialization to your certification with these associated micro-credential courses:
- Practical Assessor Skillset
  - Responsible AI Procurement
  - IEEE Ethics for AI System Design Training

**IEEE CERTIFAIED FOR ORANIZATIONS AND TRAINING INSTITUTIONS**

- Learn how your organization can receive institution-wide AI Ethics training or set up on-site training for 20+ employees.
- Become a collaboration partner with IEEE to offer IEEE CertifAIEd training.

Training Partners:



145-07-25