AIE – Artificial Intelligence Essentials (e-Learning)

EC-Council

- **Nível:**
- **Duração:** 16h

Sobre o curso

Enterprises need teams with practical AI fluency across all roles. This credential validates your foundational AI skills, from understanding AI concepts to applying tools responsibly, so enterprises can build AI-ready workforces faster.

- This credential validates your AI fundamentals
- Verify your prompt engineering skills
- Prove you can apply AI responsibly and effectively
- Build and test practical skills in 20+ labs

AI is transforming every industry. But most professionals don't have verified AI skills. This credential validates your foundational AI knowledge and proves you're ready for an AI-driven world.

Build a solid foundation in AI fundamentals, from core concepts to ethical considerations. Develop hands-on AI skills across 23 labs in tools, prompts, automation, ethics, and security.

Learn to Use the World's Most Powerful AI Tools
One AI course. Infinite possibilities.

Learn transferable AI skills such as prompting, refining outputs, and integrating AI into everyday workflows like email, research, summaries, and simple analysis with these and similar tools.

Destinatários

Who AI Essentials Is For:

- Students & Early Learners
- Non-IT Working Professionals
- Entrepreneurs & Decision-Makers
- Analysts, Project & Operations Managers
- IT Professionals & Engineers

- Educators & Trainers
- General Enthusiasts
- HR, L&D & People Professionals

Programa

- Introduction to Artificial Intelligence
- Everyday AI Tools and Use Cases
- Building Blocks of AI
- Prompt Crafting for Effective AI Interactions
- AI Ethics and Responsible AI

Introduction to Artificial Intelligence

- Understand the similarities and differences between Human and Artificial Intelligence
- Explain how Data, Algorithms, and Models form the foundation of AI systems
- Summarize major milestones in the evolution of AI
- Explore recent advancements and future directions in A

Everyday AI Tools and Use Cases

- Identify common AI technologies used in daily life
- Recognize AI tools in the workplace and how they improve workflow
- Explain how AI improves manufacturing and industrial processes
- Explain how AI improves transportation safety and efficiency
- Identify how AI personalizes learning and provides feedback
- Understand how AI improves security by detecting threats

Building Blocks of AI

- Understand the role of data for effective AI systems
- Identify different AI models and how they are developed
- Understand Machine Learning and Neural Networks
- Understand Natural Language Processing (NLP)
- Explain Generative AI and Large Language Models (LLMs)
- Select appropriate tools based on AI project requirements
- Understand Advanced AI Systems and Technologies

Prompt Crafting for Effective AI Interactions

- Understand the basics of prompt engineering
- Learn how to craft effective prompts
- Learn prompt engineering techniques

AI Ethics and Responsible AI

- Identify key ethical, societal, and security concerns in AI

- Explain the principles of using AI ethically and fairly
- Apply responsible practices and governance standards
- Understand global AI regulations and policies