



AI COURSE CERTIFICATIONS

AI SECURITY



thetrainingassociates.com

Experience. Talent. Results.

About TTA

For over 30 years, TTA (The Training Associates) has been the go-to partner for organizations seeking world-class learning and development talent.

As a women-owned business and pioneer in the L&D industry, we help organizations, from fast-growing startups to Fortune 500 enterprises, build workforce capability through expertly designed training solutions.

Our strength lies in our expansive network of vetted, highly skilled professionals. With thousands of trainers, instructional designers, and subject matter experts, we bring unmatched experience across learning strategy, leadership development, compliance, systems training, and now, cutting-edge areas like AI, machine learning, and blockchain.

As the demand for technical and AI skills accelerates, TTA is uniquely positioned to support organizations with role-based certification programs, scalable technical training, and the expert talent to deploy it all.

With TTA, you gain a strategic partner committed to future-ready learning, designed to drive performance, adoption, and measurable business impact.



30+
Years Experience



23K
L&D Professionals



12M+
Learners Educated



15K
Skill Sets



80+
Industry Awards



100+
Countries



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Empower with AI Certifications

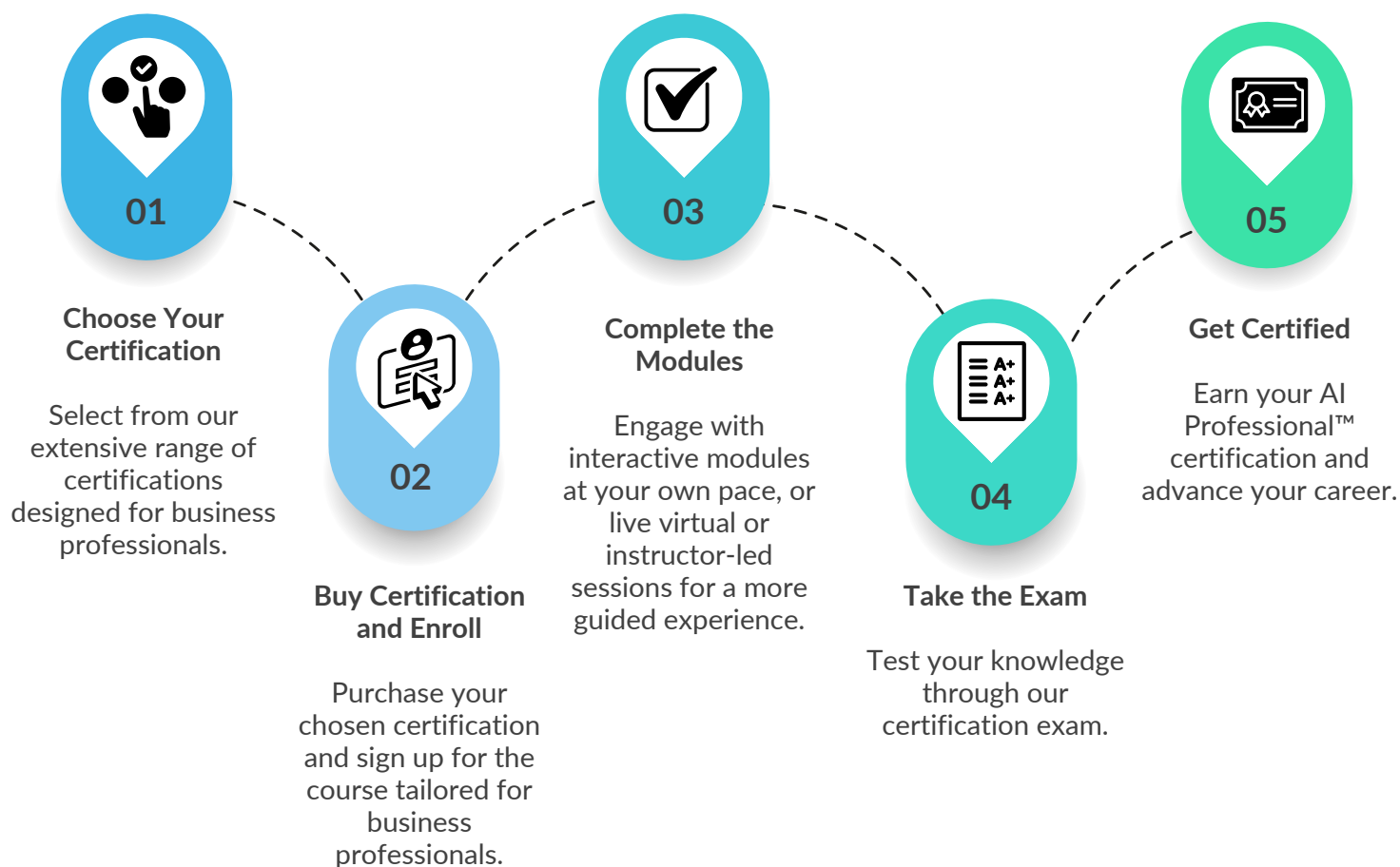
As industries accelerate their adoption of automation, data intelligence, and decentralized systems, the demand for skilled professionals who can apply these tools effectively is rising fast. In fact, 75% of executives say they're struggling to find the talent needed to meet their AI goals.

Our role-based certification programs are designed to close that gap. Whether you're preparing your workforce for digital transformation or enhancing specialized capabilities, our AI and blockchain certifications deliver practical, job-aligned skills that empower your teams to adapt, innovate, and lead.

Explore Role-Based Certifications Aligned to Your Business Needs

From foundational knowledge to advanced applications, our certifications support employees across functions—technical, creative, business, and beyond. Each program equips learners with real-world tools and industry-relevant expertise to solve problems, enhance decision-making, and drive meaningful growth.

How it Works



Benefits of AI Certifications

AI is reshaping the workplace, and organizations that invest in upskilling are gaining a measurable edge. According to McKinsey, over 50% of companies have already adopted AI in at least one business function, and that number continues to rise.

As AI capabilities grow, so does the need for employees who understand how to use these tools strategically and responsibly. Certification programs help close this gap, equipping teams with the skills to drive innovation, improve efficiency, and stay ahead of the curve.



Organizations that embed continuous learning through structured certification programs build a culture of adaptability, resilience, and forward momentum. Investing in role-based AI and blockchain certifications ensures your teams keeps pace with change, and becomes drivers of it, positioning your business to lead in an increasingly intelligent economy.



AI Security Certifications

AI⁺ Security Level 1™

SKILLS YOU'LL GAIN

- AI-Based Threat Detection
- Machine Learning for Security Automation
- AI-Driven Incident Response
- Compliance with Standards like GDPR, HIPAA, and NIST

TOOLS YOU'LL MASTER

- CrowdStrike
- Flair.ai
- ChatGPT
- Pluralsight

WHO SHOULD ENROLL

- Cybersecurity Professionals
- Network Engineers
- IT Managers
- Penetration Testers
- Security Consultants
- Software Developers
- Network Security Administrators
- Risk Management Specialists
- Forensic Analysts
- Incident Responders

ABOUT AI⁺ SECURITY LEVEL 1™

Start your AI security journey with our all-in-one bundle. Explore core concepts in AI-driven protection, vulnerability management, and intelligent threat response.

OVERVIEW

- **Comprehensive Learning:** Explore AI and cybersecurity integration through Python, machine learning, and threat mitigation to build a strong technical foundation.
- **Cutting-Edge Knowledge:** Dive into advanced topics like AI-based authentication and GANs to understand next-gen cybersecurity strategies and innovations.
- **AI-Driven Threat Detection:** Learn to detect malware, phishing, and anomalies using machine learning, enhancing your ability to predict and prevent attacks.
- **Hands-on Approach:** Apply concepts in a Capstone Project, solving real-world cybersecurity challenges by leveraging AI tools and practical problem-solving skills.
- **Boost Strategic Decision-Making with AI Analytics:** Master AI models to analyze business data, predict outcomes, and enable more informed, real-time decisions that enhance competitive advantage.
- **Industry Relevance:** Stay ahead in cybersecurity by mastering AI applications, making you a valuable asset for future-focused security roles and organizations.

AT A GLANCE



Included: Course + Official exam + Digital badge



Duration: Instructor-Led: 5 days (live or virtual) or Self-Paced: 40 hours of content



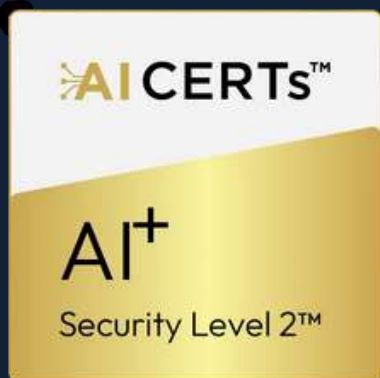
Delivery: Self-paced eLearning, virtual, or in-person options available



Exam Format: 11 Modules, 70% passing, 90 minutes



Outcome: Industry recognized credential + hands on experience



AI+ Security Level 2™

SKILLS YOU'LL GAIN

- AI-Driven Threat Detection
- Application of Machine Learning in Cybersecurity
- AI-Enhanced Penetration Testing
- Enhanced User Authentication Methods

TOOLS YOU'LL MASTER

- CrowdStrike
- Flair.ai
- Microsoft Cognitive Toolkit (CNTK)

WHO SHOULD ENROLL

- Cybersecurity Professionals
- Network Engineers
- IT Managers
- Penetration Testers
- Security Consultants
- Software Developers
- Network Security Administrators
- Risk Management Specialists
- Forensic Analysts
- Incident Responders

ABOUT AI+ SECURITY LEVEL 2™


Transform your security knowledge with our AI+ Security Level 2™ course and exam bundle. Learn essential AI-driven security strategies and safeguard next-gen technologies.


OVERVIEW


- Comprehensive AI-Cybersecurity Integration: Understand how AI and Cybersecurity merge, enhancing your capability to combat evolving digital threats effectively.
- Practical Python Programming Skills: Learn Python tailored for AI and Cybersecurity applications, gaining hands-on coding skills to address real-world security issues.
- Advanced Threat Detection Techniques: Master ML techniques to identify and mitigate email threats, malware, and network anomalies, improving cybersecurity defense.
- Cutting-Edge AI Algorithms: Utilize AI algorithms for advanced user authentication and explore Generative Adversarial Networks (GANs) to strengthen cybersecurity systems.
- Real-World Application Focus: Apply your skills in a Capstone Project, solving real-world cybersecurity problems and preparing for advanced industry challenges.


AT A GLANCE

 **Included:** Course + Official exam + Digital badge

 **Duration:** Instructor-Led: 5 days (live or virtual) or Self-Paced: 40 hours of content

 **Delivery:** Self-paced eLearning, virtual, or in-person options available

 **Exam Format:** 10 Modules, 70% passing, 90 minutes

 **Outcome:** Industry recognized credential + hands on experience

AI⁺ Security Level 3™

SKILLS YOU'LL GAIN

- Deep Learning for Security Applications
- Adversarial AI in Security
- AI in Network Security
- AI in Endpoint Security
- Secure AI System Engineering
- AI for Cloud and Container Security
- and more

TOOLS YOU'LL MASTER

- Splunk User Behavior Analytics (UBA)
- Microsoft Defender for Endpoint
- Microsoft Azure AD Conditional Access
- Adversarial Robustness Toolbox (ART)

WHO SHOULD ENROLL

- Cybersecurity Professionals
- Network Engineers
- IT Managers
- Penetration Testers
- Security Consultants
- Software Developers
- Network Security Administrators
- Risk Management Specialists
- Compliance Officers

ABOUT AI⁺ SECURITY LEVEL 3™

The AI⁺ Security Level 3™ course provides a comprehensive exploration of the intersection between AI and cybersecurity, focusing on advanced topics critical to modern security engineering.

OVERVIEW

- Gain advanced expertise in applying AI and ML to enhance cybersecurity measures.
- Become proficient in leveraging AI-driven techniques for threat detection, response, and prevention.
- Build skills to secure networks, endpoints, and cloud environments using advanced AI applications.
- Learn to address adversarial AI challenges and design robust defenses against emerging threats.
- Develop expertise in implementing secure AI systems for identity management, IoT security, and blockchain-based solutions.
- Complete a capstone project to gain practical experience in designing AI-powered security solutions.
- Prepare for advanced roles in AI-driven cybersecurity engineering and system architecture.

AT A GLANCE



Included: Course + Official exam + Digital badge



Duration: Instructor-Led: 5 days (live or virtual) or Self-Paced: 40 hours of content



Delivery: Self-paced eLearning, virtual, or in-person options available



Exam Format: 12 Modules, 70% passing, 90 minutes



Outcome: Industry recognized credential + hands on experience



AI+ Security Compliance™

SKILLS YOU'LL GAIN

- Compliance Frameworks
- Regulatory Requirements for AI Systems
- Secure AI Deployment Strategies

TOOLS YOU'LL MASTER

- Secureframe
- LeewayHertz
- Securiti
- Scytale

WHO SHOULD ENROLL

- Security Professionals
- Compliance Officers
- AI Developers (security-critical AI projects)

ABOUT AI+ SECURITY COMPLIANCE™


The AI+ Security Compliance™ is an advanced course that merges the fundamental principles of cybersecurity compliance with the transformative power of artificial intelligence (AI). Building on the CISSP framework, this course focuses on how AI can enhance compliance processes, improve risk management, and ensure robust security measures in alignment with regulatory standards.


OVERVIEW


- **AI-Enhanced Compliance Management:** You will be able to integrate AI tools and techniques to streamline and automate compliance processes, ensuring adherence to international cybersecurity standards and regulations.
- **Risk Management with AI:** You will develop the ability to use AI for conducting comprehensive risk assessments, identifying potential vulnerabilities, and implementing proactive risk mitigation strategies.
- **AI-Driven Security Solutions:** You will gain hands-on experience with AI applications in security, learning how to implement AI-powered tools for incident response, threat detection, and asset security.
- **Understanding of Future AI Trends in Cybersecurity:** You will be equipped with knowledge of emerging AI technologies, such as quantum computing, and their implications for cybersecurity, allowing them to stay ahead of evolving threats and innovations.


AT A GLANCE

 **Included:** Course + Official exam + Digital badge

 **Duration:** Instructor-Led: 5 days (live or virtual) or Self-Paced: 40 hours of content

 **Delivery:** Self-paced eLearning, virtual, or in-person options available

 **Exam Format:** 10 Modules, 70% passing, 90 minutes

 **Outcome:** Industry recognized credential + hands on experience

AI⁺ Network™

SKILLS YOU'LL GAIN

- AI-Powered Network Automation
- AI-Enhanced Network Security
- Network Optimization through AI
- AI for Incident Response and Cybersecurity Intelligence

TOOLS YOU'LL MASTER

- Elastic
- Juniper
- Netdata

WHO SHOULD ENROLL

- Network Engineers
- Cybersecurity Professionals
- AI Developers






ABOUT AI⁺ NETWORK™

This course provides professionals with the basic knowledge and advanced skills needed to understand the combination of artificial intelligence and current networking technologies. It discusses fundamental networking concepts, newer technologies such as SDN and NFV, and how AI can enhance network efficiency. Important focus areas consist of AI-powered network automation, orchestration, and security upgrades, combined with hands-on projects and practical labs for real-life implementation. The class ends by examining new developments and upcoming pathways in AI-enhanced networking, getting students ready for leading positions in this quickly changing sector.

OVERVIEW

- **Comprehensive Knowledge:** Covers fundamental networking concepts and advanced AI-driven technologies like SDN and NFV.
- **AI-Powered Efficiency:** Teaches how AI can optimize network performance, automation, and security.
- **Future-Ready Skills:** Equips you with the skills to adapt to the rapidly evolving AI-enhanced networking landscape.
- **Hands-On Experience:** Provides practical labs and projects for real-world application of AI in networking.
- **Leadership Opportunities:** Prepares professionals for leadership roles in the AI and networking fields.

AT A GLANCE

-  **Included:** Course + Official exam + Digital badge
-  **Duration:** Instructor-Led: 5 days (live or virtual) or Self-Paced: 40 hours of content
-  **Delivery:** Self-paced eLearning, virtual, or in-person options available
-  **Exam Format:** 7 Modules, 70% passing, 90 minutes
-  **Outcome:** Industry recognized credential + hands on experience

AI⁺ Ethical Hacker™

SKILLS YOU'LL GAIN

- AI-Driven Reconnaissance
- Vulnerability Assessment
- Penetration Testing
- Threat Analysis
- Incident Response
- Identity and Access Management
- Secure AI Systems
- Ethical Considerations in AI and Cybersecurity

TOOLS YOU'LL MASTER

- Acunetix
- Wazuh
- Shodan
- OWASP ZAP

WHO SHOULD ENROLL

- Ethical Hackers
- Cybersecurity Professionals
- AI Developers
- Tech Developers

ABOUT AI⁺ ETHICAL HACKER™


The AI⁺ Ethical Hacker™ certification dives into the intersection of cybersecurity and artificial intelligence, a pivotal juncture in our era of rapid technological progress. It offers comprehensive insights into AI's transformative impact on digital offense and defense strategies. The curriculum encompasses four key areas, from course objectives and prerequisites to anticipated job roles and the latest AI technologies in Ethical Hacking.


OVERVIEW


- **AI-Integrated Cybersecurity Techniques:** You will develop the ability to integrate AI tools and technologies into cybersecurity practices. This includes using AI for ethical hacking tasks such as reconnaissance, vulnerability assessments, penetration testing, and incident response.
- **Threat Analysis and Anomaly Detection:** You will develop skills in applying machine learning algorithms to detect unusual patterns and behaviors that may indicate potential security threats.
- **Automated Security Protocol Optimization:** You will be equipped to utilize AI to dynamically adjust and optimize security protocols based on real-time data analysis and threat assessment.
- **AI for Identity and Access Management (IAM):** Learners will understand how to apply AI to enhance IAM systems, crucial for maintaining secure access to resources within an organization.

AT A GLANCE

 **Included:** Course + Official exam + Digital badge

 **Duration:** Instructor-Led: 5 days (live or virtual) or Self-Paced: 40 hours of content

 **Delivery:** Self-paced eLearning, virtual, or in-person options available

 **Exam Format:** 12 Modules, 70% passing, 90 minutes

Next Steps

AI is evolving fast, make sure your skills are, too.

- ✓ **Explore the Course Catalog**
Browse role-specific and industry-aligned certifications to find the best fit for your goals.
- ✓ **Choose the Right Path**
Whether you're seeking foundational knowledge or specialized expertise, there's a program for every level.
- ✓ **Plan for Your Team**
Looking to scale training across a department or the entire organization? We'll help design a strategy that aligns with your business objectives.
- ✓ **Enroll and Begin Learning**
Flexible delivery options, including self-paced, virtual, and in-person, make it easy to get started.
- ✓ **Get Certified, Stay Ahead**
Earn a digital credential that signals your team's readiness to lead in an AI-powered world.

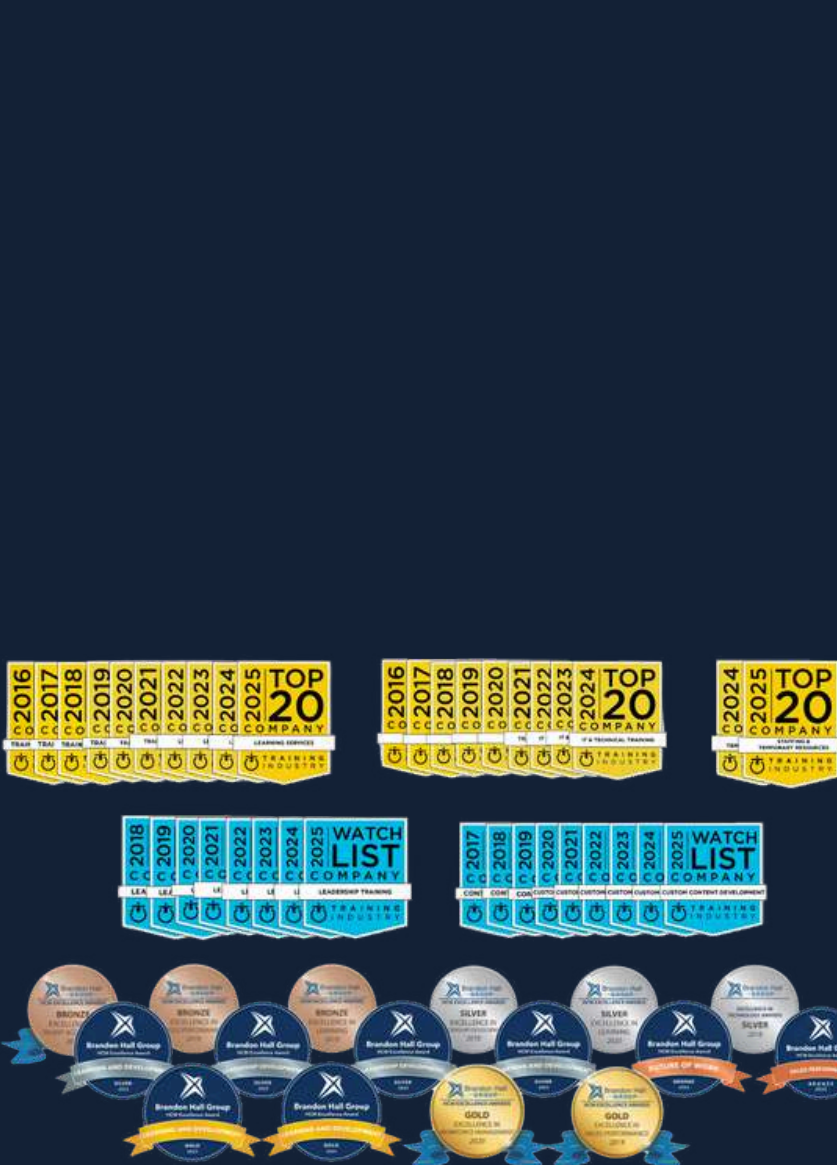
75% of executives say they lack the AI skills needed to meet their goals.

Let's fix that, together.

Whether you're exploring options for a single team or building a company-wide AI learning strategy, TTA is here to help. We'll work with you to align certifications with business objectives, recommend the right learning paths, and tailor a scalable plan that fits your needs and workforce.

Have questions?

[Contact Us](#)



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ttaConnect