



# AI LEADERSHIP

Part of GoCyber Collective's (GCC)  
Professional Cybersecurity Upskilling Suite

## **GCC's professional cybersecurity upskilling suite**

GCC's Digital Leadership Suite offers managers a comprehensive training experience designed for the modern digital era. Our programs help leaders understand AI and digital technologies, providing them with the essential skills to navigate and succeed in an increasingly digital landscape. Our courses also support professional development, ensuring that managers stay up-to-date with the latest trends and advancements in digital transformation and AI integration.



### **DURATION**

40 Academic hours



### **TARGET AUDIENCE**

IT and Cyber professionals



*Dear Partners,*

*It is an honor to present you the GCC's professional cybersecurity upskilling suite. This set of upskilling courses were designed to provide you with the most updated tools and knowledge to face today's cybersecurity challenges.*

*The GCC was founded to support Ohio's cybersecurity workforce by fostering collaboration between industry leaders, educational institutions, and the state entities. Through strategic partnerships GCC aims to provide comprehensive training and development opportunities that align with the evolving demands of the cybersecurity landscape.*

*The state of Ohio plays a crucial role in this initiative, offering financial support, resources, and policy guidance to ensure the program's success and sustainability. By uniting these efforts, the GCC is poised to create a robust pipeline of skilled cybersecurity professionals who are ready to protect Ohio's digital infrastructure.*

*Sincerely,*

**Shawn Waldman**  
Chairman GoCyber Collective



*Dear Students,*

*Welcome to the Artificial Intelligence Leadership (AIL) course. Over the next five days, you will gain a deep understanding of AI and its transformative potential within your organization. We will explore AI fundamentals, its diverse applications across industries, and effective strategies for implementation.*

*Our course combines interactive lectures, case studies, and hands-on exercises to provide you with both strategic insights and practical skills. By the end of this course, you'll be prepared to lead AI initiatives that drive innovation, enhance decision-making, and strengthen your organization's competitive edge.*

*Thank you for choosing to enhance your leadership capabilities in AI. I'm confident that this course will empower you to effectively leverage AI for future success. This course will provide you with the tools and understanding needed to effectively leverage AI and position.*

*Yours,*

**Tom Brett**  
Head of Training

# OVERVIEW

This course introduces Artificial Intelligence (AI) from a business perspective, with an emphasis on the U.S. regulatory landscape. Managers will gain a comprehensive understanding of key AI technologies, legal obligations, and ethical considerations to ensure responsible AI adoption. Participants will learn to develop AI strategies that align with business objectives while adhering to legal standards. The course is structured over 5 days, with each day focusing on a core aspect of AI, its applications, and its regulatory and ethical implications.



## TARGET AUDIENCE

Managers at different levels across various industries who need a foundational understanding of AI to make informed decisions, particularly in the context of U.S. regulations and legal frameworks.

## REQUIRED PRIOR KNOWLEDGE

- No prior AI or technical knowledge is required. The course is designed for non-technical managers looking to build foundational AI knowledge in the context of U.S. regulations and ethics.

## COMPUTING REQUIREMENTS

Laptop or desktop computer with the following minimum specifications:

- Processor: Intel i5 or AMD equivalent
- RAM: 8 GB minimum (16 GB recommended)
- Storage: 256 GB SSD (500 GB recommended)
- Display: 13" or larger monitor (external monitor recommended)
- Internet connection: Stable broadband connection (10 Mbps or faster)

**Participants who fulfill the program's criteria will be awarded a distinguished graduation certificate.**

# PROGRAM SYLLABUS

---

## Day 1: Foundations of AI and Business Applications

- › Introduction to AI: Definitions, history, and business relevance.
- › Overview of AI technologies: Machine learning, deep learning, natural language processing, and computer vision.
- › Case studies: How leading companies use AI to improve operational efficiency and customer experiences.
- › Identifying AI opportunities: Where and how AI can be applied across industries like finance, healthcare, manufacturing, and retail.
- › Hands-on group activity: Identifying potential AI use cases within participants' own organizations.

## Day 2: AI in Decision-Making and Strategy Development

- › AI in decision-making: Automating processes and enhancing data-driven decisions.
- › AI applications in marketing (personalization), HR (recruitment and talent management), and supply chain management.
- › Group discussion: Assessing how AI can influence decision-making in different business functions.
- › Afternoon Session:
  - › Building an AI strategy: Aligning AI initiatives with business goals.
  - › Case study: AI strategy development at large enterprises.
  - › Hands-on workshop: Designing an AI strategy for a hypothetical business scenario.

## Day 3: U.S. Regulatory Environment for AI

- › Overview of U.S. regulations affecting AI:
  - › California Consumer Privacy Act (CCPA)
  - › Federal Trade Commission (FTC) guidelines for AI and consumer protection
  - › Health Insurance Portability and Accountability Act (HIPAA)
  - › Children's Online Privacy Protection Act (COPPA)
  - › Equal Employment Opportunity Commission (EEOC) regulations on AI in hiring
- › Sector-specific regulations: AI in healthcare, finance, and transportation (including NHTSA for autonomous vehicles).
- › Case studies: Legal challenges and compliance failures in AI deployment.
- › Hands-on activity: Compliance assessment for AI-driven solutions in different industries (e.g., finance, healthcare).

## Day 4: AI Ethics, Bias, and Risk Management

- › Understanding AI bias: How machine learning models can perpetuate societal biases.
- › Ethical considerations: Transparency, fairness, and accountability in AI systems.
- › Tools and techniques to mitigate bias and enhance the fairness of AI models.
- › Hands-on activity: Auditing an AI use case for bias and ethical issues.
- › Group discussion: Implementing ethical AI policies in organizations.
- › Case study: Ethical AI failures in business and lessons learned.

## Day 5: Future Trends, Strategy Implementation, and Presentations

- › Emerging AI trends: AI-powered analytics, autonomous systems, and workforce transformation.
- › The impact of AI on jobs and skill development: Preparing for AI-driven workforce changes.
- › Group Presentations:
  - › Participants will present an AI strategy proposal for a given business scenario, focusing on its business impact, regulatory compliance, and ethical considerations.
  - › Peer review and feedback on presentations.



### TUITION

Total Cost: \$4,200  
Including digital study materials



### STUDENTS

Min. number of students in class: 10  
Max. number of students in class: 16  
*The course will not open unless the minimum number of students is met. In such a case, a full refund will be issued.*

### CANCELLATION POLICY

1. All cancellation requests must be submitted to the GCC at [training@gocybercollective.org](mailto:training@gocybercollective.org) in writing.

2. Refund Eligibility:

- 2.1. 90% Refund: Participants can cancel up to 14 days before the course start date and receive a 90% refund of the course fee.
- 2.2. 50% Refund: Cancellations made between 7-14 days before the start date will receive a 50% refund.
- 2.3. No Refund: Cancellations made less than 7 days before the start date will not receive a refund.



[gocybercollective.org](https://gocybercollective.org)