

Human–AI Integration in Government Workflows

Participants will work through real-world scenarios and practical frameworks to evaluate when and how to keep “humans in the loop,” foster effective collaboration, and ensure accountability. The course emphasizes actionable strategies for building trustworthy hybrid systems and meeting evolving policy and operational requirements.

Group classes in Live Online and onsite training is available for this course. For more information, email onsite@graduateschool.edu or visit: <https://www.graduateschool.edu/courses/human-ai-integration-in-government-workflows>



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Course Outline

Human-AI Integration: Key Concepts

- Definitions and levels of human-AI collaboration
- “In the loop”
- “On the loop”
- “Out of the loop”
- Benefits and challenges of human-AI teaming

Federal Use Cases and Lessons Learned

Examples of human-AI integration in federal contexts

Models of Human-AI Collaboration

When to automate, augment, or defer to humans

Operationalizing Human-AI Teams

- Designing workflows and assigning roles
- Training, change management, and communication strategies

Oversight, Accountability, and Trust

- Ensuring transparency and explainability
- Mechanisms for human intervention and escalation

Ethics and Policy Context

- Addressing bias, fairness, and human agency in hybrid systems
- Federal guidance on human involvement in automated processes (e.g., NIST, OMB)

Best Practices and Common Pitfalls

Key lessons for effective human-AI collaboration

Action Planning

- Steps to strengthen human-AI integration in your agency
- Tools, checklists, and resource list