COURSE SYLLABUS

Multi-Agent Systems for Government Workflows (Advanced) (Self-Paced)

Coordinate multiple AI agents for complex government workflows - orchestration, hand-offs, and the new failure modes multi-agent systems introduce.

> Group classes (Live Online) and onsite training are available for this course. For more information, email onsite@graduateschool.edu or visit: https://www.graduateschool.edu/courses/multi-agent-systems-for-government-workflows-advanced-self-paced



support@graduateschool.edu •
(888) 744-4723

Course Outline

Module 1: From one agent to many

- Why and when to use multiple agents
- Common patterns: orchestrator and specialists
- Real government workflow examples
- Costs and complexity

Module 2: Designing coordination

- Hand-offs and shared context
- Roles and responsibilities
- Orchestration approaches
- Keeping it debuggable

Module 3: Failure modes and control

- Loops, drift, and cascading errors
- Guardrails across agents
- Human-oversight points
- Testing multi-agent behavior

Module 4: Design a multi-agent workflow (capstone)

- Scoping a multi-agent task
- Designing the architecture
- Planning safeguards
- A build-or-not decision