

ENTERPRISE PROGRAM BRIEF

Copilot Studio Agent Engineering

Engineer an employee-service agent that retrieves approved information and performs controlled business actions.

VNode ITeS

E01

DURATION

40 hours

LEVEL

Practitioner / specialist

FORMAT

Private cohort

AUDIENCE PROFILE

Built for these roles

Advanced agent builders, Developers, Consultants

OVERVIEW

Executive overview

Engineer an employee-service agent that retrieves approved information and performs controlled business actions. Proposed instructor-led duration; delivery subject to environment and lab validation.

READINESS

Prerequisites

- Foundational agent-building competence
- REST API and Power Fx readiness
- Copilot Studio Agent Building Foundations, or equivalent demonstrable experience

PROGRAM OUTCOMES

Capabilities your teams will gain

- Implement the integrated employee-service agent workflow
- Pass task, grounding, action-failure and regression cases
- Prove authentication, scoped connections and data-policy behaviour
- Provide a deployable solution package and operating handover

ENTERPRISE CUSTOMIZATION

Enterprise customization

Tailor this program to your organization's priorities: Engineer an employee-service agent that retrieves approved information and performs controlled business actions.

- Private cohort scheduling
- Equivalent-experience entry review

CURRICULUM

Curriculum roadmap

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MODULE 1 · 8 HOURS
Scope, orchestration and agent contracts
Define the agent contract and test orchestration choices against representative tasks.
 - Workflow boundaries
 - Generative versus deterministic paths
 - Instructions and tool descriptions
 - Conversation state
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MODULE 2 · 8 HOURS
Enterprise grounding and knowledge quality
Prepare approved sources and test grounded responses with multiple personas.
 - SharePoint and Dataverse patterns
 - Permission boundaries
 - Freshness
 - Conflicting or missing evidence
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MODULE 3 · 8 HOURS
Business actions and integration
Implement a request action with user confirmation and controlled failure handling.
 - Agent flows
 - REST and custom connectors
 - Adaptive cards
 - Input validation and idempotency
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MODULE 4 · 8 HOURS
Security, ALM and evaluation
Deploy to test and demonstrate blocked connector usage and denied data access.
 - Authentication
 - Power Platform data policies
 - Solution deployment
 - Evaluation and regression cases
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MODULE 5 · 8 HOURS
Integrated engineering capstone
Demonstrate an authenticated agent handling a complete service request and defend its limitations.
 - Task success
 - Failure recovery
 - Telemetry
 - Support ownership

PREPARATION

Environment prerequisites

Isolated Power Platform environment with Dataverse Copilot Studio entitlement and consumption allowance where agents are used
Maker access; delegated administrator for policy labs Two or more test personas and approved publishing channel Delivery depends on environment and lab validation. This outline does not include step-by-step lab instructions.

CAPSTONE

Capstone

Demonstrate an authenticated agent handling a complete service request and defend its limitations. Assessed Copilot Studio engineering package Evidence of relevant access, quality and risk controls Demonstration and limitations record

ASSESSMENT

Assessment

Scenario-based practical assessment Implement the integrated employee-service agent workflow 30% Pass task, grounding, action-failure and regression cases 25% Prove authentication, scoped connections and data-policy behaviour 25% Provide a deployable solution package and operating handover 20% Proposed VNode outline-level assessment; no vendor accreditation or completed lab validation implied.

DELIVERABLES

Participant deliverables

- Assessed Copilot Studio engineering package
- Evidence of relevant access, quality and risk controls
- Demonstration and limitations record

SCOPE

Scope boundaries

Step-by-step lab instructions; Runnable solution code; Packaged source datasets; Executed environment validation

DELIVERY

Delivery options

Count teaching hours, not calendar days. Exclude breaks. Split into 4-hour or 8-hour teaching sessions; schedule complex project work in contiguous blocks. Proposed hours exclude breaks and are subject to pilot validation.

PRIVATE DELIVERY

Plan a private cohort for your team

Scope delivery format, role mix, and rollout timeline with our solutions team.

[Plan Private Delivery](#)
[Book advisory call](#)