

PROFESSIONAL COURSE OUTLINE

NVIDIA

Building RAG Agents With LLMs

Program aligned

This NVIDIA DLI course teaches teams how to design retrieval-augmented generation systems and bundle them into deliverable formats. It also explores advanced LLM composition techniques for internal reasoning, dialog management, and tooling.

AI

Advanced

LangChain, FAISS, NVIDIA AI Foundation endpoints

PROGRAM CODE

Program aligned

DELIVERY

Virtual, On-site, or Hybrid

DURATION

8 hours

CERTIFICATION

Available on request

AUDIENCE PROFILE

Who This Program Is For

Built for practitioners who want to move from general LLM usage into retrieval-grounded and agentic system design for production-facing solutions.

PROGRAM SUMMARY

What This Course Covers

Official NVIDIA DLI generative AI program focused on retrieval-augmented generation systems and agent-based LLM workflows.

TAILORED DELIVERY

Adapt the program around your team.

This outline can be adapted for virtual, on-site, or hybrid delivery, with emphasis adjusted for your team's platform priorities, role mix, and implementation goals.

Enterprise-ready delivery format

VNode ITeS can align labs, examples, delivery pace, and assessment checkpoints to the required audience profile while preserving the official program sequence where applicable.

COMPLETE MODULE SEQUENCE

Module Flow and Topic Coverage

The structure below presents the current delivery flow for this program, including the associated topics covered under each module.

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MODULE 1

Design retrieval-grounded LLM systems

Learn the foundations of retrieval-augmented generation systems and the decisions involved in building grounded, useful LLM solutions.

- RAG system fundamentals
- Dialog and reasoning patterns



Plan the next session

We can tune this outline around your delivery goals and team mix.

TALK TO US

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MODULE 2

Build agentic and tool-using workflows

Use orchestration and packaging patterns to create more capable LLM agents that can interact with tools and deliver measurable outcomes.

- Agent and tool orchestration
- Deliverable system packaging

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