

ENTERPRISE LEARNING PORTFOLIO

NVIDIA Course Catalog

Structured technical training programs across AI, data, cloud, security, automation, and modern software delivery — organized by vendor and category for enterprise planning.

PROGRAMS

85

VENDORS

1

CATEGORIES

2

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Catalog by vendor & category

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85 programs · 2 categories

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VENDOR PORTFOLIO

NVIDIA

85 programs across 2 categories

CATEGORY

AI

79

DEEP LEARNING

Getting Started with Deep Learning

This NVIDIA DLI course explores the fundamentals of deep learning by training neural networks and using results to improve performance and capabilities. It is a structured entry point for teams building AI skills before moving into more sp...

Beginner

8 hours

Beginner

8 hours

High Demand

GENERATIVE AI / LLM

Building RAG Agents with LLMs

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.

Intermediate

8 hours

Intermediate

8 hours

High Demand

GENERATIVE AI / LLM

Rapid Application Development Using Large Language Models

This NVIDIA DLI course gives teams applied knowledge of LLM application development by exploring the open-source ecosystem, including pretrained LLMs and frameworks that speed up solution delivery. It is well suited for organizations movin...

Intermediate

8 hours

Intermediate

8 hours

High Demand

DEEP LEARNING

Building a Brain in 10 Minutes

A brief introduction to AI and neural-network ideas for new learners.

Beginner

10 minutes

Beginner

10 minutes

DEEP LEARNING

Fundamentals of Deep Learning

Provides a applied deep-learning foundation for model development, training, and performance improvement.

Beginner

8 hours

Beginner

8 hours

GENERATIVE AI / LLM

Generative AI Explained

Introduces generative AI concepts, applications, and the major challenges and opportunities in the space.

Beginner

2 hours

Beginner

2 hours

GENERATIVE AI / LLM

Prompt Engineering with LLaMA-2

Covers how to interact with and prompt-engineer Llama 2 models for document analysis, text generation, and assistant use cases.

Beginner

2 hours

Beginner

2 hours

DEEP LEARNING

Getting Started With AI on NVIDIA Jetson Nano

Introduces AI project development on Jetson Nano through a applied deep learning classification workflow.

Beginner to Intermediate

3 hours

Beginner to Intermediate

3 hours

DEEP LEARNING

Applications of AI for Anomaly Detection

Teaches anomaly detection using accelerated XGBoost, autoencoders, and GAN-based techniques on large datasets.

Intermediate

8 hours

Intermediate

8 hours

DEEP LEARNING

Applications of AI for Predictive Maintenance

Covers anomaly and failure identification in time-series data and mapping those signals to predictive maintenance decisions.

Intermediate

8 hours

Intermediate

8 hours

GENERATIVE AI / LLM

Augment Your LLM Using Retrieval-Augmented Generation

Introduces the basics of using retrieval to ground LLM applications.

Intermediate

1 hour

Intermediate

1 hour

DEEP LEARNING

Building AI-Based Cybersecurity Pipelines

Approaches cybersecurity as a data science problem and uses NVIDIA Morpheus to create optimized AI pipelines for large volumes of real-time data.

Intermediate

8 hours

Intermediate

8 hours

GENERATIVE AI / LLM

Building RAG Agents for LLMs

Focuses on retrieval-grounded and agent-like LLM system patterns.

Intermediate

8 hours

Intermediate

8 hours

DEEP LEARNING

Building Real-Time Video AI Applications

Introduces patterns for building real-time video AI applications using NVIDIA tooling.

Intermediate

2 hours

Intermediate

2 hours

DEEP LEARNING

Computer Vision for Industrial Inspection

Covers AI-based computer vision patterns for industrial inspection and defect-oriented use cases.

Intermediate

8 hours

Intermediate

8 hours

DEEP LEARNING

Deploying a Model for Inference at Production Scale

This NVIDIA DLI course teaches teams how to deploy machine learning models on a GPU server using NVIDIA Triton Inference Server. It is especially useful for organizations that have moved beyond experimentation and need serving capability.

Intermediate

8 hours

Intermediate

8 hours

DEEP LEARNING

Digital Fingerprinting With Morpheus

Explores digital fingerprinting and behavior-based AI patterns using NVIDIA Morpheus.

Intermediate

2 hours

Intermediate

2 hours

DEEP LEARNING

Disaster Risk Monitoring Using Satellite Imagery

Introduces AI approaches for monitoring disaster risk with satellite imagery.

Intermediate

8 hours

Intermediate

8 hours

GENERATIVE AI / LLM

Generative AI with Diffusion Models

This NVIDIA DLI course helps teams get started with generative AI application development by building a text-to-image solution with diffusion models. It combines from-scratch understanding with enterprise use of pretrained approaches to ac...

Intermediate

8 hours

Intermediate

8 hours

DEEP LEARNING

Get Started With Highly Accurate, Customer ASR for Speech AI

Introduces applied ASR patterns for customer-oriented speech AI systems.

Intermediate

3 hours

Intermediate

3 hours

DEEP LEARNING

Getting Started With Image Segmentation

Introduces the basics of image segmentation and its applied application in vision workflows.

Intermediate

2 hours

Intermediate

2 hours

DEEP LEARNING

Integrating Sensors With NVIDIA DRIVE

Introduces the basics of integrating automotive sensors into NVIDIA DRIVE-based applications.

Intermediate

2 hours

Intermediate

2 hours

DEEP LEARNING

Introduction to Graph Neural Networks

This NVIDIA DLI course introduces the basic concepts, models, and applications of graph neural networks. It is a strong entry point for teams exploring graph-based representation learning and relational AI use cases.

Intermediate

8 hours

Intermediate

8 hours

GENERATIVE AI / LLM

Introduction to Transformer-Based Natural Language Processing

Introduces transformers as the building blocks of modern language models and applies them to common NLP tasks.

Intermediate

6 hours

Intermediate

6 hours

GENERATIVE AI / LLM

Synthetic Tabular Data Generation Using Transformers

Introduces transformer-based methods for generating synthetic tabular datasets.

Intermediate

2 hours

Intermediate

2 hours

DEEP LEARNING

Building Conversational AI Applications V2.0

Focuses on quickly building and deploying speech AI applications with real-time transcription and natural language capabilities.

Advanced

8 hours

Advanced

8 hours

DEEP LEARNING

Building Deep Learning-Based Anti-Fraud Applications

Focuses on building anti-fraud applications using deep-learning techniques for financial and transaction-oriented scenarios.

Advanced

8 hours

Advanced

8 hours

GENERATIVE AI / LLM

Building Transformer-Based Natural Language Processing

Covers transformer-based natural language processing patterns for modern language applications.

Advanced

8 hours

Advanced

8 hours

GENERATIVE AI / LLM

Building Transformer-Based Natural Language Processing Application

Covers application-building patterns using transformer-based NLP methods.

Advanced

8 hours

Advanced

8 hours

DEEP LEARNING

Data Parallelism: How to Train Deep Learning Models on Multiple GPUs

Explores how to train deep learning models across multiple GPUs using data-parallel training approaches.

Advanced

8 hours

Advanced

8 hours

GENERATIVE AI / LLM

Deploying RAG Pipelines for Production at Scale

Teaches production-level deployment of LLM applications, especially enterprise-grade RAG pipelines.

Advanced

3 hours

Advanced

3 hours

GENERATIVE AI / LLM

Efficient Large Language Model Customizations

Focuses on applied and efficient ways to customize LLMs for real use cases.

Advanced

8 hours

Advanced

8 hours

DEEP LEARNING

Exploring Adversarial Machine Learning

Introduces adversarial machine learning concepts, attacks, and applied robustness considerations.

Advanced

2 hours

Advanced

2 hours

DEEP LEARNING

Introduction to Physics-Informed Machine Learning With NVIDIA Modulus

Introduces Modulus and the basics of physics-informed deep learning for faster simulation-driven workflows.

Advanced

2 hours

Advanced

2 hours

DEEP LEARNING

Model Parallelism: Building and Deploying Large Neural Networks

Covers patterns for building and deploying large neural networks with model-parallel techniques.

Advanced

8 hours

Advanced

8 hours

GENERATIVE AI / LLM

Techniques for Improving the Effectiveness of RAG Systems

Covers techniques that help take RAG systems from proof of concept to more serious production assets.

Advanced

3 hours

Advanced

3 hours

DEEP LEARNING

AI Factory Fundamentals

NVIDIA training program: AI Factory Fundamentals.

Beginner

8 hours

Beginner

8 hours

DEEP LEARNING

AI Infrastructure and Operations Fundamentals

Official NVIDIA Deep Learning Institute program covering ai infrastructure with hands-on GPU-accelerated labs.

Beginner

8 hours

Beginner

8 hours

DEEP LEARNING

Fundamentals of Accelerated Computing with CUDA Python

Official NVIDIA Deep Learning Institute program covering cuda python with hands-on GPU-accelerated labs.

Beginner

8 hours

Beginner

8 hours

DEEP LEARNING

Getting Started with Accelerated Computing in Modern CUDA C++

Official NVIDIA Deep Learning Institute program covering cuda c++ with hands-on GPU-accelerated labs.

Beginner

8 hours

Beginner

8 hours

DEEP LEARNING

Learn OpenUSD: An Introduction to Strength Ordering

A primer for strength ordering, the governing principles for how stages are composed.

Beginner

Self-paced

Beginner

Self-paced

DEEP LEARNING

Learn OpenUSD: Learning About Stages, Prims, and Attributes

Foundations course in NVIDIA's free Learn OpenUSD path. Get introduced to fundamental terms in OpenUSD and practice them in Python. The path prepares learners for the OpenUSD Development Certification exam.

Beginner

Self-paced

Beginner

Self-paced

DEEP LEARNING

[Learn OpenUSD: Setting Up Basic Animations](#)

Go over basic animation concepts, including TimeCode and TimeSample.

Beginner

Self-paced

Beginner

Self-paced

DEEP LEARNING

[Learn OpenUSD: Traversing Stages](#)

Now that stages have multiple prims and attributes, explore the traversing functionality with these activities.

Beginner

Self-paced

Beginner

Self-paced

DEEP LEARNING

[Learn OpenUSD: Understanding Model Kinds](#)

Learn about what Model Kinds are, and how they can be leveraged in OpenUSD workflows.

Beginner

Self-paced

Beginner

Self-paced

DEEP LEARNING

[Learn OpenUSD: Using Attributes](#)

Explore how to add, retrieve, and leverage attributes with these lessons and activities.

Beginner

Self-paced

Beginner

Self-paced

DEEP LEARNING

[Learn OpenUSD: Working With Prims and Default Schemas](#)

Learn about what it means to create a prim without a schema, and review the pre-built, default schemas that ship with OpenUSD.

Beginner

Self-paced

Beginner

Self-paced

DEEP LEARNING

[Accelerated Networking for AI Infrastructure](#)

NVIDIA training program: Accelerated Networking for AI Infrastructure.

Intermediate

8 hours

Intermediate

8 hours

GENERATIVE AI / LLM

[Adding New Knowledge to LLMs](#)

Explore how to add domain knowledge to large language models through data preparation, fine-tuning, alignment, compression, decoding, and evaluation techniques.

Intermediate

8 hours

Intermediate

8 hours

GENERATIVE AI / LLM

Augmenting Your LLM with Retrieval-Augmented Generation

Official NVIDIA Deep Learning Institute program covering rag with hands-on GPU-accelerated labs.

Intermediate

2 hours

Intermediate

2 hours

DEEP LEARNING

Build Agent-First SimReady Pipelines for Smart Factory Digital Twins

NVIDIA training program: Build Agent-First SimReady Pipelines for Smart Factory Digital Twins.

Intermediate

8 hours

Intermediate

8 hours

GENERATIVE AI / LLM

Building Agentic AI Applications with LLMs

NVIDIA training program: Building Agentic AI Applications with LLMs.

Intermediate

8 hours

Intermediate

8 hours

DEEP LEARNING

Building Conversational AI Applications

Official NVIDIA Deep Learning Institute program covering conversational ai with hands-on GPU-accelerated labs.

Intermediate

8 hours

Intermediate

8 hours

GENERATIVE AI / LLM

Building LLM Applications With Prompt Engineering

Official NVIDIA Deep Learning Institute program covering prompt engineering with hands-on GPU-accelerated labs.

Intermediate

8 hours

Intermediate

8 hours

DEEP LEARNING

Building Observable & Scalable MultiAgent Workflows for Asset Lifecycle Management

NVIDIA training program: Building Observable & Scalable MultiAgent Workflows for Asset Lifecycle Management.

Intermediate

8 hours

Intermediate

8 hours

GENERATIVE AI / LLM

Building Transformer-Based Natural Language Processing Applications

Official NVIDIA Deep Learning Institute program covering transformers / nlp with hands-on GPU-accelerated labs.

Intermediate

8 hours

Intermediate

8 hours

DEEP LEARNING

Building Video AI Applications at the Edge

Official NVIDIA Deep Learning Institute program covering edge ai / video with hands-on GPU-accelerated labs.

Intermediate

8 hours

Intermediate

8 hours

DEEP LEARNING

Climate Change Mitigation with Machine Learning

Official NVIDIA Deep Learning Institute program covering climate ai with hands-on GPU-accelerated labs.

Intermediate

8 hours

Intermediate

8 hours

GENERATIVE AI / LLM

Developing Secure AI Agents with LLMs

NVIDIA training program: Developing Secure AI Agents with LLMs.

Intermediate

8 hours

Intermediate

8 hours

DEEP LEARNING

Essentials of Developing Omniverse Kit Applications

Official NVIDIA Deep Learning Institute program covering omniverse with hands-on GPU-accelerated labs.

Intermediate

8 hours

Intermediate

8 hours

DEEP LEARNING

Fundamentals of Deep Learning for Multi-GPUs

Official NVIDIA Deep Learning Institute program covering multi-gpu deep learning with hands-on GPU-accelerated labs.

Intermediate

8 hours

Intermediate

8 hours

DEEP LEARNING

How to Simulate, Train, Validate, and Deploy an End-to-End Robotics Workflow With NVIDIA Isaac

Intermediate

8 hours

NVIDIA training program: How to Simulate, Train, Validate, and Deploy an End-to-End Robotics Workflow With NVIDIA Isaac.

Intermediate

8 hours

DEEP LEARNING

Intelligent Video Analytics with NVIDIA DeepStream

Intermediate

8 hours

Official NVIDIA Deep Learning Institute program covering video analytics with hands-on GPU-accelerated labs.

Intermediate

8 hours

DEEP LEARNING

Introduction to Physics-informed Machine Learning with PhysicsNeMo

Intermediate

8 hours

Official NVIDIA Deep Learning Institute program covering physics-informed ml with hands-on GPU-accelerated labs.

Intermediate

8 hours

DEEP LEARNING

Learn OpenUSD: Creating Composition Arcs

Intermediate

Self-paced

Explore OpenUSD's composition capabilities to build modular and efficient 3D scenes. Learn about composition arcs, layer stacks, references, and debugging.

Intermediate

Self-paced

DEEP LEARNING

Learn OpenUSD: Developing Data Exchange Pipelines

Intermediate

Self-paced

Explore data exchange between OpenUSD and other 3D formats. Learn about conceptual data mapping, create Python conversion scripts, and implement asset validation processes.

Intermediate

Self-paced

DEEP LEARNING

Networking for AI Factories with Ethernet

Intermediate

8 hours

Official NVIDIA Deep Learning Institute program covering ai infrastructure with hands-on GPU-accelerated labs.

Intermediate

8 hours

DEEP LEARNING

Optimizing CUDA Machine Learning Codes With Nsight Profiling Tools

Official NVIDIA Deep Learning Institute program covering cuda optimization with hands-on GPU-accelerated labs.

Intermediate

2 hours

Intermediate

2 hours

GENERATIVE AI / LLM

Ray Trace Your Way to a Better Life: Omniverse Libraries, OpenUSD, Agents, and You

A free course in the NVIDIA Physical AI Agent Bootcamp. Build an RTX viewport app that loads and renders OpenUSD scenes. Direct an AI agent against NVIDIA SDKs while you focus on the scene.

Intermediate

Self-paced

Intermediate

Self-paced

GENERATIVE AI / LLM

SimReady or Not, Here Comes Gravity: OpenUSD for Simulation

A free course in the NVIDIA Physical AI Agent Bootcamp. Build a physics scene with validated, simulation-ready assets.

Intermediate

Self-paced

Intermediate

Self-paced

DEEP LEARNING

Synthetic Data Generation for Training AI Models

Official NVIDIA Deep Learning Institute program covering synthetic data with hands-on GPU-accelerated labs.

Intermediate

8 hours

Intermediate

8 hours

DEEP LEARNING

Transform Your Organization Into an AI Powerhouse

NVIDIA training program: Transform Your Organization Into an AI Powerhouse.

Intermediate

8 hours

Intermediate

8 hours

DEEP LEARNING

Using CUDA for High-Performance Computing

Official NVIDIA Deep Learning Institute program covering hpc / cuda with hands-on GPU-accelerated labs.

Intermediate

8 hours

Intermediate

8 hours

DEEP LEARNING

Accelerating Inference Performance with TensorRT

Official NVIDIA Deep Learning Institute program covering inference optimization with hands-on GPU-accelerated labs.

Advanced

8 hours

Advanced

8 hours

DEEP LEARNING

Building AI Agents with Multimodal Models

Official NVIDIA Deep Learning Institute program covering multimodal agents with hands-on GPU-accelerated labs.

Advanced

8 hours

Advanced

8 hours

DEEP LEARNING

Building AI-Enabled Robots with Isaac ROS

Official NVIDIA Deep Learning Institute program covering robotics with hands-on GPU-accelerated labs.

Advanced

8 hours

Advanced

8 hours

DEEP LEARNING

Deploying and Optimizing AI Inference at Scale

NVIDIA training program: Deploying and Optimizing AI Inference at Scale.

Advanced

8 hours

Advanced

8 hours

GENERATIVE AI / LLM

Efficient Large Language Model (LLM) Customization

Official NVIDIA Deep Learning Institute program covering llm customization with hands-on GPU-accelerated labs.

Advanced

8 hours

Advanced

8 hours

DEEP LEARNING

Scaling CUDA C++ Applications to Multiple NVIDIA GPUs

Official NVIDIA Deep Learning Institute program covering multi-gpu cuda with hands-on GPU-accelerated labs.

Advanced

8 hours

Advanced

8 hours

CATEGORY

Data

6

DATA SCIENCE

Fundamentals of Accelerated Data Science

This NVIDIA DLI program teaches teams how to perform multiple analysis tasks on large datasets using RAPIDS, NVIDIA's collection of accelerated data science libraries. It provides a strong delivery foundation for modern GPU-accelerated dat...

Beginner

8 hours

High Demand

Beginner

8 hours

DATA SCIENCE

Accelerate Data Science Workflows with Zero Code Changes

Introduces structured ways to speed up existing data science workflows with minimal code change using NVIDIA acceleration capabilities.

Beginner

2 hours

Beginner

2 hours

DEEP LEARNING

Accelerating Data Engineering Pipelines

This NVIDIA DLI program explores how to employ advanced data engineering tools and techniques with GPUs to improve pipeline performance. It is well suited for teams that want stronger pipeline efficiency before scaling more complex data an...

Intermediate

8 hours

Intermediate

8 hours

DATA SCIENCE

Accelerating End-to-End Data Science Workflows

Covers applied acceleration patterns across the end-to-end data science lifecycle using NVIDIA tooling.

Intermediate

8 hours

Intermediate

8 hours

DATA SCIENCE

Enhancing Data Science Outcomes with Efficient Workflows

This NVIDIA DLI program teaches teams how to create an end-to-end, hardware-accelerated machine learning pipeline for large datasets. It emphasizes diagnostics, workflow analysis, and mitigation of common performance pitfalls across the de...

Intermediate

8 hours

Intermediate

8 hours

DATA SCIENCE

RAPIDS Accelerator for Apache Spark

Introduces the RAPIDS Accelerator for Apache Spark and the patterns teams can use to improve Spark workload performance.

Intermediate

8 hours

Intermediate

8 hours



MICROSOFT CERTIFIED TRAINER
Enterprise Training Programs
Cloud · AI · Data · Modern Work

COURSE CATALOG

NVIDIA

PRIVATE DELIVERY

Build a cohort plan from this catalog

Share priority vendors, roles, and timelines with our solutions team. We will map a private delivery plan from these programs.

Plan Private Delivery

Book advisory call

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