NVIDIA ACADEMY COURSE CATALOG

NVIDIA Academy offers courses and workshops in AI infrastructure, data-center operations, networking, and compute technologies - essential skills for building and managing modern accelerated computing environments with NVIDIA solutions.

All training is designed by expert instructional designers and delivered by professionals with hands-on, real-world experience to ensure learning is practical, relevant, and impactful.

How to Order?

Instructor-led courses: *NVIDIA Academy Instructor-Led Training Interest Form*

Self-paced online courses: https://academy.nvidia.com/en

Certifications: https://www.nvidia.com/en-us/learn/certification/

Private Customized Training
Instructor-Led Courses

DGX Onboarding for AI Practitioners

This course introduces users to NVIDIA DGX systems and NVIDIA AI Enterprise software. Participants will learn how these two technologies can be combined to accelerate the development and deployment of AI applications. Learn more

Delivery Format: Private remote / onsite training
Target Audience: AI practitioners
Duration: 2 sessions of up to 4 hours

DGX BasePOD Administration

 The course dives deep into the NVIDIA DGX BasePOD infrastructure and revolves around InfiniBand and Ethernet networking to get an understanding of the BasePOD storage, compute, and management fabrics. Learn more

Delivery Format: Private remote / onsite training
Target Audience: IT Professionals, Network and System Admins/Engineers
SKU: 789-SPDIV4
Duration: 4 sessions of 4 hours

DGX System Administration

This course provides an overview of the NVIDIA DGX System, tools for in-band and out-of-band management, NGC, the basics of running workloads, and specific management tools and CLI commands. In addition, this course includes content on multi-instance GPU, managing storage, performance validation, and other system management tools and concepts. Learn more

Delivery Format: Private remote / onsite training
Target Audience: IT Professionals, Network and System Admins/Engineers
SKU: 789-PODIV4
Duration: 4 sessions of 4 hours

DGX SuperPOD Administration

The course dives into the NVIDIA DGX SuperPOD infrastructure and revolves around InfiniBand and Ethernet networking to get an understanding of the DGX SuperPOD storage, compute, and management fabrics. Learn more

Delivery Format: Private remote / onsite training
Target Audience: IT Professionals, Network and System Admins/Engineers
SKU: 789-PODIV4
Duration: 4 sessions of 4 hours

Run:ai for AI Practitioners

NVIDIA Run:ai is a comprehensive platform that brings advanced, AI-native scheduling and resource management to GPU infrastructure, enabling enterprises to accelerate and scale AI operations efficiently, reduce costs, and accelerate innovation. In this course, you will learn the basics of NVIDIA Run:ai and how to create AI workloads. Designed for AI practitioners, this course guides you through the practical steps of creating, deploying, and monitoring interactive, inference, and training workloads using NVIDIA Run:ai. Learn more

Delivery Format: Private remote / onsite training
Target Audience: AI practitioners who want to gain the knowledge and skills necessary to run AI workloads on the NVIDIA Run:ai platform.
Duration: 2 sessions of 4 hours

Run:ai Platform Administration

This course provides a comprehensive introduction to managing, optimizing, and troubleshooting AI/ML workloads using the Run:ai platform. Designed for system administrators, DevOps engineers, and platform owners, this course offers both conceptual understanding and practical guidance for effective cluster and resource management. Learn more

Delivery Format: Private remote / onsite training
Target Audience: System and Platform Administrators, DevOps and Infrastructure Engineers, Cloud and Platform Architects, IT professionals responsible for managing, scaling, or optimizing AI/ML compute environments
Duration: 2 sessions of 3 hours

Base Command Manager Administration

The NVIDIA Base Command Manager (BCM) administration course provides an overview of Base Command Manager including managing nodes and software images, monitoring devices and jobs, users management, and configuring workload managers. This course also covers using Base Command Manager with cloud based nodes, configuring Base Command Auto Scaler, and configuring Bright for use with GPUs including NVIDIA multi-instance GPUs. Learn more

Delivery Format: Private remote / onsite training
Target Audience: IT Professionals, Network and System Admins/Engineers
SKU: 723-BCAIO3
Duration: 3 sessions of 4 hours

Cumulus Linux Administration

The course provides practical skills for deploying and managing Cumulus Linux-based data center networks. Through interactive sessions and extensive hands-on labs, participants will configure switches VLANs, routing protocols, and advanced features like VXLAN and EVPN. The curriculum covers topics including network automation, troubleshooting, and monitoring, ensuring learners gain real-world experience. Learn more

Delivery Format: Private remote / onsite training

Target Audience: IT Professionals, Network and System Admins/Engineers
SKU: 789-CUMIV5
Duration: 3 sessions of 5-hours

InfiniBand Network Administration

In this course, you'll learn the fundamentals of InfiniBand architecture and fabric components and gain hands-on experience in managing, monitoring, and troubleshooting InfiniBand networks using tools like UFM and SHARP. Learn more

Delivery Format: Private remote / onsite training

Target Audience: IT Professionals, Network and System Admins/Engineers
SKU: 789-IBPIV4
Duration: 4 sessions of 4.5 hours

NVIDIA AI Enterprise Deployment on Bare-Metal Kubernetes

In this course, you'll learn to deploy and manage NVIDIA AI Enterprise on Bare-Metal Kubernetes environments. The training follows a scenario-based approach, starting with Kubernetes deployment on bare-metal infrastructure, followed by NVIDIA AI Enterprise implementation, comprehensive GPU validation to ensure readiness for accelerated AI workloads, and concluding with a deployment of a standard Retrieval Augmented Generation (RAG) use case. Learn more

Delivery Format: Private remote / onsite training

Target Audience: IT Professionals, Network and System Admins/Engineers
SKU: 789-IBPIV4
Duration: 4 sessions of 4.5 hours

Spectrum-X Networking Platform Administration

In this course, participants will gain essential skills to deploy and manage AI clusters using the NVIDIA Spectrum-X networking platform. Through instructor-led sessions and hands-on labs in the NVIDIA Air environment, participants will learn to provision and manage AI clusters. Key topics include advanced networking for AI, Spectrum-X deployment, and real-time network monitoring using NetQ and Cumulus Linux. Learn more

Delivery Format: Private remote / onsite training

Target Audience: IT Professionals, Network and System Admins/Engineers
SKU: 789-SXILT3
Duration: 3 sessions of 4 hours

Public Remote Training
Instructor-Led Courses

AI Infrastructure Professional

This course specializes in optimizing efficiency, reliability, and scalability for deploying AI environments. It covers various infrastructure aspects, including compute platforms, networking, storage, and the setup and maintenance of AI infrastructure. Learn more

Delivery Format: Public remote training
Target Audience: administrators, DevOps professionals, and IT-related roles who want to gain the knowledge and skills necessary to deploy and maintain AI data centers.
SKU and Price: 723-ADCIV6, $3000 per seat
Duration: 5 sessions of 5 hours

AI Operations Professional

This course covers essential aspects of operating AI data centers, including provisioning and management, running AI workloads, and implementing AI virtualization. Participants will acquire expertise in operating essential AI building blocks such as GPUs, CPUs, and DPUs, empowering them to effectively operate an AI data center while ensuring optimal performance and uninterrupted operation. Learn more

Delivery Format: Public remote training
Target Audience: administrators, DevOps professionals, and IT-related roles who want to gain the knowledge and skills necessary to deploy and maintain AI data centers.
SKU and Price: 723-DCOIV6, $2500 per seat
Duration: 4 sessions of 5 hours

AI Infrastructure and Operations Professional

This specialized course is designed to equip professionals with the skills and knowledge necessary to optimize efficiency, reliability, and scalability in deploying AI environments within data centers. Covering various infrastructure and operation aspects like compute platforms, networking, and storage, the course focuses on key AI components such as GPUs, CPUs, and DPUs. Learn more

Delivery Format: Public remote training
Target Audience: administrators, DevOps professionals, and IT-related roles who want to gain the knowledge and skills necessary to deploy and maintain AI data centers.
SKU and Price: 723-AOIIV3, $5000 per seat
Duration: 6 sessions of 5 hours

DGX System Administration

This course provides an overview of the DGX System and DGX Stations' tools for in-band and out-of-band management, the basics of running workloads, specific management tools and CLI commands. Learn more

Delivery Format: Public remote training
Target Audience: IT Professionals, Network and System Admins/Engineers
SKU and Price: 789-DGXIV5, $1500 per seat
Duration: 3 sessions of 4 hours

Cumulus Linux Administration

The course provides network and system professionals with practical skills for deploying and managing Cumulus Linux-based data center networks. Through interactive sessions and extensive hands-on labs, participants will configure switches VLANs, routing protocols, and advanced features like VXLAN and EVPN. The curriculum covers topics including network automation, troubleshooting, and monitoring, ensuring learners gain real-world experience. Learn more

Delivery Format: Public remote training
Target Audience: IT Professionals, Network and System Admins/Engineers
SKU: 789-CUMBVA (APAC and Europe) / 789-CUMBVU (US and Europe), $1500 per seat
Duration: 3 sessions of 5.5 hours

NVIDIA AI Enterprise Deployment on Bare-Metal Kubernetes

This course provides a comprehensive, hands-on experience designed to equip BareMetal IT professionals with the skills needed to deploy, manage, and validate AI workloads in production environments using the NVIDIA AI Enterprise solution. Learn more

Delivery Format: Private remote / onsite training
Target Audience: IT Professionals, Network and System Admins/Engineers
SKU and Price: 789-ONAIV3, $1500 per seat
Duration: 3 sessions of 4 hours

Spectrum-X Networking Platform Administration

In this course, participants will gain essential skills to deploy and manage AI clusters using the NVIDIA Spectrum-X networking platform. Through instructor-led sessions and hands-on labs in the NVIDIA Air environment, participants will learn to provision and manage AI clusters. Key topics include advanced networking for AI, Spectrum-X deployment, and real-time network monitoring using NetQ and Cumulus Linux. Learn more

Delivery Format: Private remote / onsite training
Target Audience: IT Professionals, Network and System Admins/Engineers
SKU and Price: 789-SXILT3, $1500 per seat
Duration: 3 sessions of 4 hours

Partner Technical Training

AI Factory Deployment Hybrid Training

This hybrid program blends self-paced online modules with instructor-led workshops to guide professionals through real-world deployment of NVIDIA AI infrastructure, with an emphasis on networking and compute systems. You'll develop hands-on expertise in cluster bring-up, system configuration, and system validation - all aligned to reduce Time to First Train (TTFT).

Outline: For a detailed breakdown of topics and sessions, see the full outline *here*
For more information, reach out to us at *NVIDIA Academy Instructor-Led Training Interest Form*

Delivery Format: Hybrid - self-paced and private remote sessions
Target Audience: This course is designed for NVIDIA partners that plan to deploy and validate AI Factories.

NCP GB200/300 Administration Hybrid Training

This course provides a comprehensive deep dive into the NVIDIA Cloud Partner NVL72 GB200/300 cluster reference architecture, focusing on the infrastructure and operational best practices required to manage next-generation AI supercomputing environments. Participants will explore the unique networking, storage, and system orchestration elements that power GB200-based deployments, with emphasis on high-bandwidth interconnects, secure multi-tenant design, and large-scale workload optimization. Drawing from NVIDIA's field-proven expertise, the training equips learners with the knowledge and practical skills to efficiently administer, monitor, and troubleshoot GB200 cluster environments, while mastering advanced capabilities such as authentication and access control, provisioning and scaling, performance monitoring, and containerized workload management across AI and HPC applications.

Outline: For a detailed breakdown of topics and sessions, see the full outline *here*
For more information, reach out to us at *NVIDIA Academy Instructor-Led Training Interest Form*

Delivery Format: Hybrid - self-paced and private remote sessions
Target Audience: Data Center professionals, Network administrators, and System administrators
SKU: 723-NCPION
Duration: 7 Sessions of 3.5-4 hours

NCP HGX 8-Way Administration Hybrid Training

The NVIDIA Cloud Partners (NCP) HGX Infrastructure Workshop is designed for OEM solution architects, data center engineers, and system administrators responsible for deploying and operating NVIDIA-Certified HGX 8-GPU systems based on the NCP reference architecture. This focused, hands-on course builds practical expertise in designing, configuring, and validating HGX-based clusters, including GPU platform bring-up, NVLink and networking integration, and alignment with NCP best practices for scalable, secured, production-grade AI infrastructure.

Outline: For a detailed breakdown of topics and sessions, see the full outline *here*
For more information, reach out to us at *NVIDIA Academy Instructor-Led Training Interest Form*

Delivery Format: Hybrid - self-paced and private remote sessions
Target Audience: Data Center professionals, Network administrators, and System administrators
SKU: 723-NCPION
Duration: 3 Sessions of 4-4.5 hours

SELF-PACED ONLINE COURSES

Platinum Membership ☼

This membership plan provides full access to all NVIDIA Academy self-paced courses (view full course list below), and free video library access. Learn more

SKU and Price: 789-ACPMSP, $250 Annual

AI and Data Science

AI Infrastructure & Operations Fundamentals Course and Certification

A special price for the AI Infrastructure and Operations Fundamentals Self-Paced course and NVIDIA-Certified Associate: AI Infrastructure and Operations Certification Exam. Your exam voucher will be emailed to you within 24 business hours after purchse. Learn more

Target Audience: IT Professionals, Network and System Admins/Engineers, DevOps Engineers
Price: $150 course and certification | Included with Platinum membership
SKU: 723-AIECS7

AI For All: From Basics to GenAI Practice

This introductory course provides invaluable insights into the evolving landscape of AI. Whether you're a seasoned professional or just beginning your journey into AI, this course is essential for staying ahead in today's rapidly evolving technological landscape. Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: Free course

DGX Cloud Create Onboarding

In this course, you will learn the basics of DGX Cloud Create and how to use DGX Cloud Create and the Run:ai platform to develop and create AI workloads. The training includes dedicated demonstrations to quickly help users and admins learn how to complete tasks that deploy and manage AI systems and tools in DGX Cloud Create. Learn more

Target Audience: DGX Cloud Create Platform administrators and DGX Cloud Create Users
Price: $50 single course | Included with Platinum membership
SKU: 789-IBPCSE

Networking

InfiniBand

InfiniBand Essentials

This self-paced course covers the fundamental first steps into the world of InfiniBand. If you are looking to become more familiar with InfiniBand's benefits, uses, architecture layers, and management concepts, this is the best place to start. Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: Free course

InfiniBand Network Administration

This course covers the fundamentals of the InfiniBand technology from a usability point of view and builds on the details of the InfiniBand architecture specification. You will learn how to install, configure, manage, troubleshoot, and monitor your InfiniBand network. Learn more

Target Audience: IT Professionals, Network and System Admins/Engineers
Price: $200 single course I Included with Platinum membership
SKU: 789-IBPCSE

The Fundamentals of RDMA Programming

This course allows C programmers to dive into the RDMA programming world without requiring previous experience in networking or RDMA programming. We have also added tips and tricks, as well as do's and don'ts so that the skills you acquire will truly serve you when you need them. Learn more

Target Audience: Developers, IT Professionals
Price: $50 single course I Included with Platinum membership
SKU: 789-RDMCSP

MLXlink and MLXcables Debug Tools

In this course, you'll learn about the MLXlink and MLXcables debug tools. These debug tools are used for both basic link troubleshooting and for analyzing the more complex link characteristics.
Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: Free course

Networking
Ethernet

Introduction to Networking

In this course we will cover the basics of networking, introduce some of the most used TCP/IP protocols and cover the fundamentals of an Ethernet network. In addition, you'll be equipped with the basic knowledge to understand the main data center requirements and how they can be fulfilled. Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: Free course

NVIDIA Cumulus Linux Essentials

This introductory course provides invaluable insights into the basics of Cumulus Linux, how to get started in setting up the software and fundamental configurations. Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: Free course

Cumulus Linux Administration

This course introduces the fundamentals of Cumulus Linux, covering its architecture, configuration, and management tools. Learners will explore key Layer 2 features (VLANs, trunking, STP, bonds, MLAG) and Layer 3 features (SVIs, VRR, VFR), before advancing to how BGP, VXLAN, and EVPN enable scalable, modern data center networks. Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: $100 single course I Included with Platinum membership

Network Administration with NVIDIA ONYX Switch System

This course provides the required set of skills to configure and manage NVIDIA ethernet switch systems. You will learn in depth layer 2 configurations such as VLAN, STP, LAG and MLAG, as well as how to configure layer 3 features such as BGP. Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: $100 single course I Included with Platinum membership
SKU: 789-ONXCSP

RDMA over Converged Ethernet (RoCE) from A to Z

In this course you will learn what is RoCE, how it works, get familiar with the different network types RoCE can run over and also learn how to configure RoCE for each network type. Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: Free course

SONiC Essentials by NVIDIA

This introductory course provides an introduction to SONiC and its fundamental configurations. We also walk through a step-by-step, hands-on lab that demonstrates how to provision an EVPN VXLAN fabric using SONiC switches in a controlled environment. Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: Free course

Networking
Software

Ansible Essentials for Network Engineers

In this course, you will explore a variety of Ansible modules, and write playbooks specifically adapted to modern data centers. This course includes an exclusive hands-on lab environment and exercises to practice real-world scenarios in real cloud environments. Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: $50 single course I Included with Platinum membership
SKU: 789-ANECSP

Data Center Management Made Easy with NVIDIA UFM

In this course you will learn about UFM Enterprise, how to automate network discovery and provisioning, how to perform traffic monitoring and congestion discovery with UFM. In addition, you will discover how to enable job schedule provisioning and how to integrate with industry-leading job schedulers and cloud and cluster managers, including Slurm and Platform Load Sharing Facility (LSF). Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: $50 single course I Included with Platinum membership
SKU: 789-UFMCSP

Networking
DPUs and SuperNICs

BlueField DPU Administration

In this self-paced course, you will learn the basic concepts of BlueField DPUs as a platform for accelerated data center computing. Upon completion, you will be equipped with a set of introductory knowledge and skills that will enable you to bring-up the BlueField DPUs and begin using them to develop applications that accelerate your data centers services. Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: $50 single course I Included with Platinum membership
SKU: 723-BFDCSP

Software

Run:ai Platform Deployment

The Run:ai Platform Deployment course provides a practical, end-to-end introduction to deploying and configuring the Run:ai platform. This course covers both conceptual understanding and hands-on guidance for installing, configuring, and verifying Run:ai deployments. Learners will complete an interactive installation lab, perform post-installation setup and gain practical experience with deployment workflows. Learn more

Target Audience: IT professionals, including system administrators and DevOps /MLOps Engineers. Anyone responsible for deploying and managing AI infrastructure on BareMetal.
Price: $50 single course I Included with Platinum membership
SKU: 723-NAICSP

NVIDIA AI Enterprise Deployment on Bare-Metal Kubernetes

This course provides a comprehensive, hands-on experience designed to equip BareMetal IT professionals with the skills needed to deploy, manage, and validate AI workloads in production environments using the NVIDIA AI Enterprise solution. The training follows a scenario-based approach, starting with Kubernetes deployment on BareMetal infrastructure, followed by NVIDIA AI Enterprise implementation, and concluding with the deployment of a standard Retrieval-Augmented Generation (RAG) use case. Learn more

Target Audience: IT professionals, including system administrators and DevOps /MLOps Engineers. Anyone responsible for deploying and managing AI infrastructure on BareMetal.
Price: $100 single course I Included with Platinum membership

NVIDIA AI Enterprise for Azure Professionals

In this course, you will learn how to deploy and manage the NVIDIA AI Enterprise Solution in both development and production environments. You will use the NVIDIA Enterprise VMI with Docker containers in development, and Azure Kubernetes Service (AKS) in production. The training is scenario-based, focusing on a canonical Retrieval Augmented Generation (RAG) use case, and will guide participants through the entire process, from development to production deployment.
Learn more

Target Audience: Azure IT professionals, Azure Cloud administrators, Azure DevOps/MLOps engineers
Price: $100 single course I Included with Platinum membership
SKU: 723-NVAZSP

Base Command Manager Administration

This course provides an overview of the Base Command Manager solution. For those that are going to be managing and working with HPC or AI clusters, this course will give you a head start on understanding a powerful tool for cluster and workload management. Learn more

Target Audience: IT professionals, including system administrators and DevOps, who are expected to successfully deploy and administer the Base Command Manager solution.
Price: Free course

NVIDIA License System

NVIDIA License System (NLS) is a new licensing solution to support the continued expansion of the NVIDIA enterprise software portfolio. This course will help you to learn about NLS and how you can move from your existing licensing solution to NLS. Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: Free course

CERTIFICATIONS 🎗

The NVIDIA Certification Program enables partners, customers, and other professionals to demonstrate their skills and expertise. Further your career options by successfully completing an NVIDIA certification. Learn more

NVIDIA Certified Associate - AI Infrastructure and Operations

This is an entry-level certification that validates foundational concepts of adopting artificial intelligence computing by NVIDIA in a data center environment. Learn more

Price: $135
SKU: NCA-AIIO
Prerequisites: A basic understanding of data center infrastructure
Validity: two years

NVIDIA Certified Associate - AI Infrastructure

The NCP-AI Infrastructure certification is an intermediate-level credential that validates a candidate's ability to deploy, manage, and maintain AI infrastructure by NVIDIA. Learn more

Price: $400
SKU: NCP-AII
Prerequisites: Two to three years of operational experience working in a data center with NVIDIA hardware solutions.
The candidate should be able to deploy all the parts of a data center infrastructure in support of AI workloads.
Validity: two years

NVIDIA Certified Associate - AI Operations

The NCP-AI Operations certification is an intermediate-level credential that validates a candidate's ability to monitor, troubleshoot, and optimize AI infrastructure by NVIDIA. Learn more

Price: $400
SKU: NCP-AIO
Prerequisites: Two to three years of operational experience working in a data center with NVIDIA hardware solutions.
The candidate should be able to monitor and manage all the parts of a data center infrastructure in support of AI workloads.
Validity: two years

NVIDIA Certified Professional - InfiniBand

This is an intermediate level certification that validates core concepts for designing, deploying, and managing NVIDIA InfiniBand Fabrics. Learn more

Price: $220
SKU: NCP-IB
Prerequisites: A thorough understanding of data center infrastructure and networking.
Validity: two years