

NVIDIA Learning Paths by Role and Topic

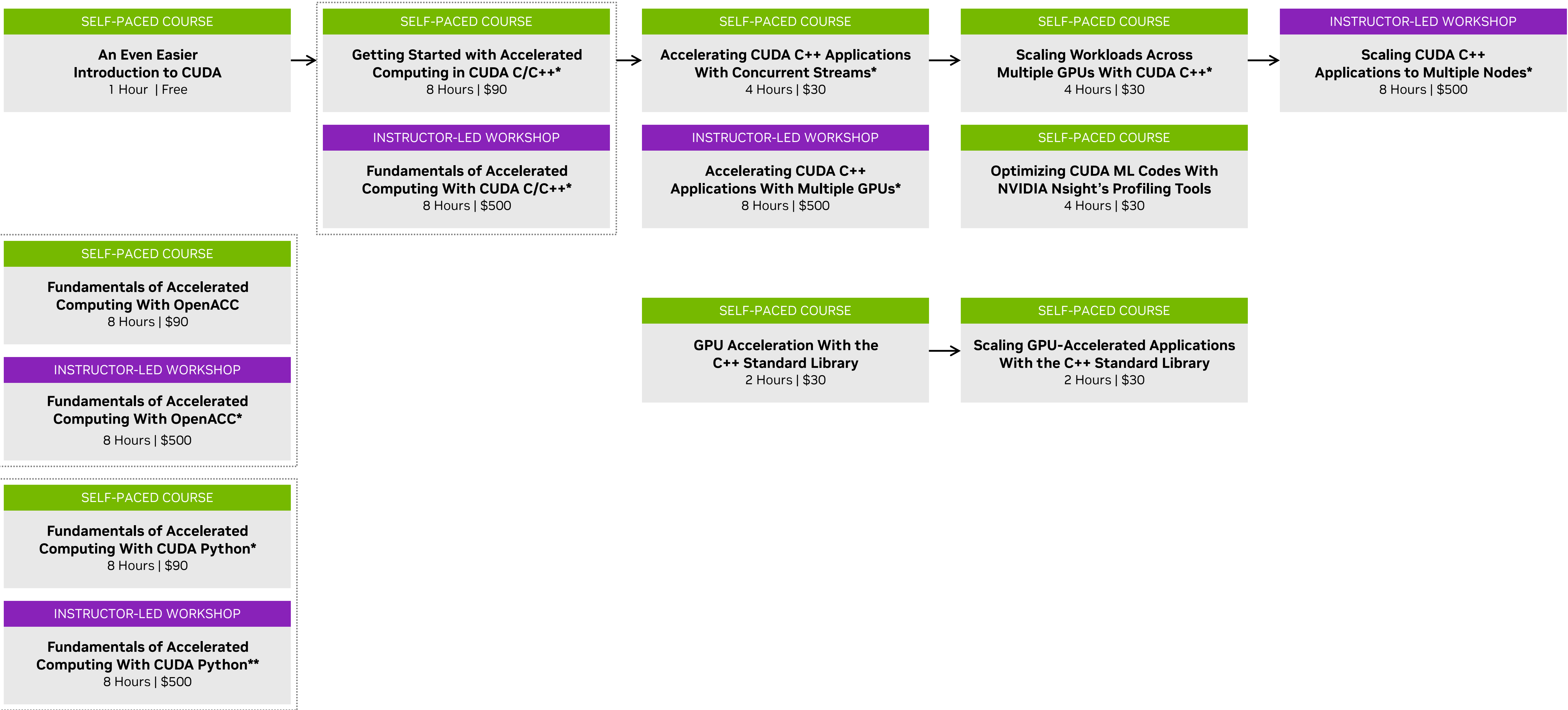
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Edge Computing	Networking
Generative AI and Large Language Models (LLMs)	Simulation, Modeling, and Design
Industry-Related Training	
NVIDIA AI Enterprise	
Robotics	
Simulation, Modeling, and Design	

To develop a customized training plan for your organization, connect with one of our [training advisors](#).

Accelerated Computing Training

For developers



COURSE LEGEND

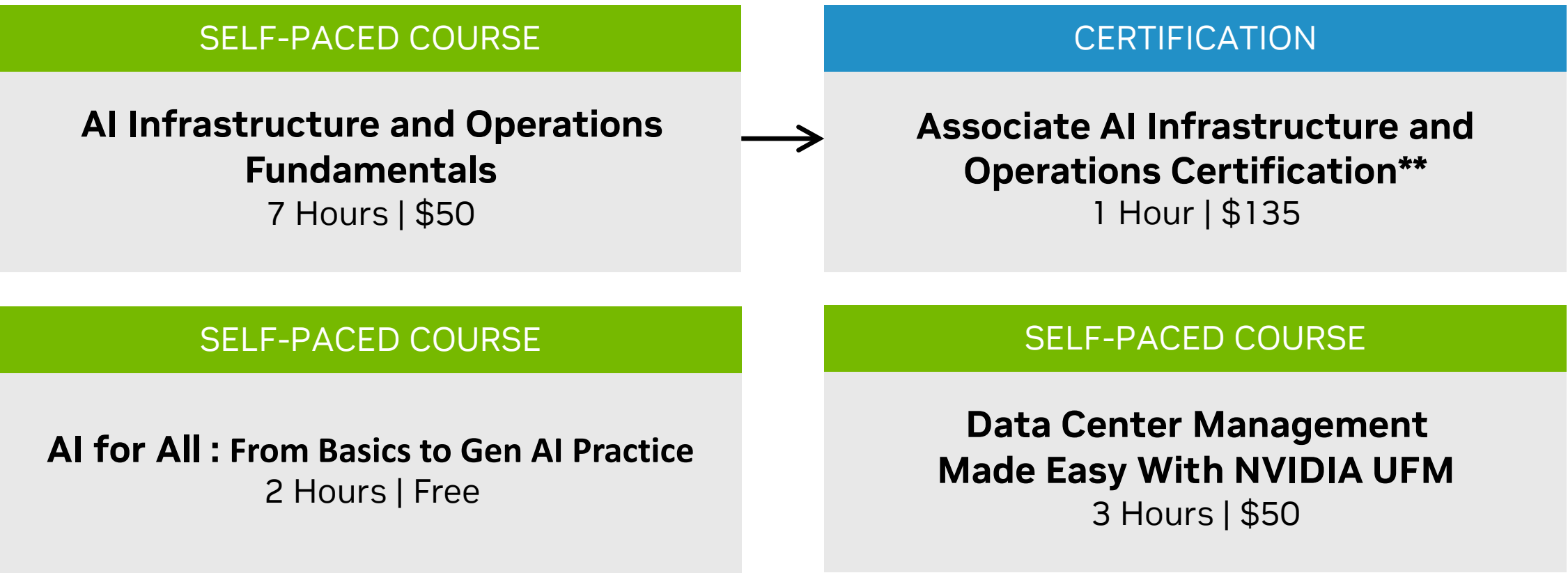
- * NVIDIA Certificate of Competency
- ** Digital Badge Available
- { } Braces Indicate Alternate Paths



Accelerated Computing Training

For administrators

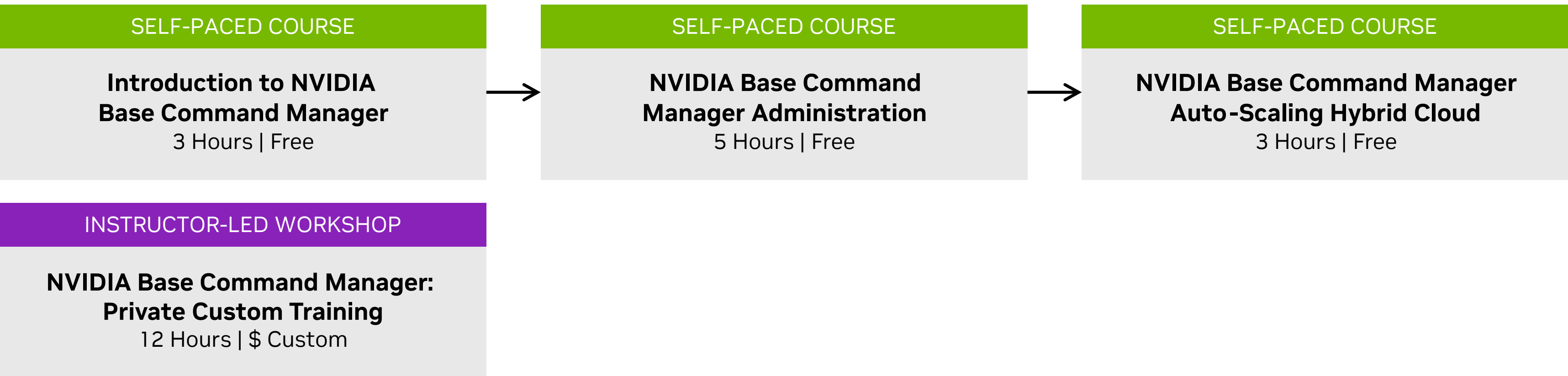
Overview



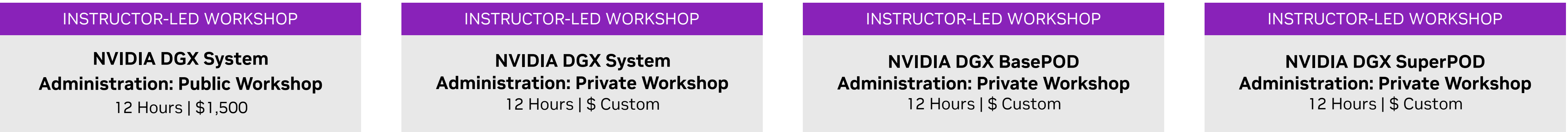
NVIDIA AI Enterprise Choose the courses that best match your learning needs.



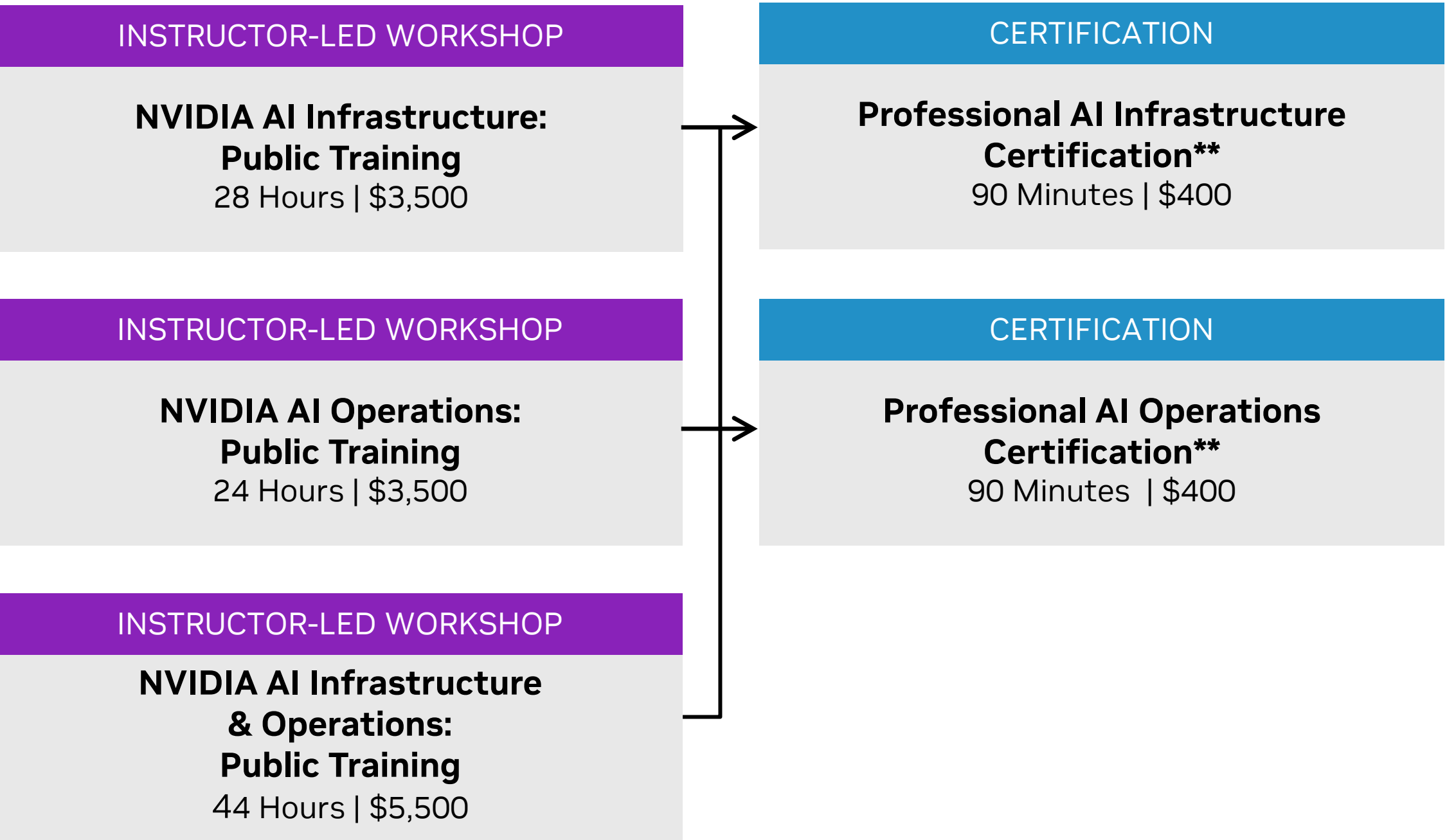
NVIDIA Base Command Manager Choose the courses that best match your learning needs.



NVIDIA DGX Choose the courses that best match your learning needs.



AI Infrastructure and Operations



COURSE LEGEND

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NVIDIA Certificate of Competency

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Digital Badge Available

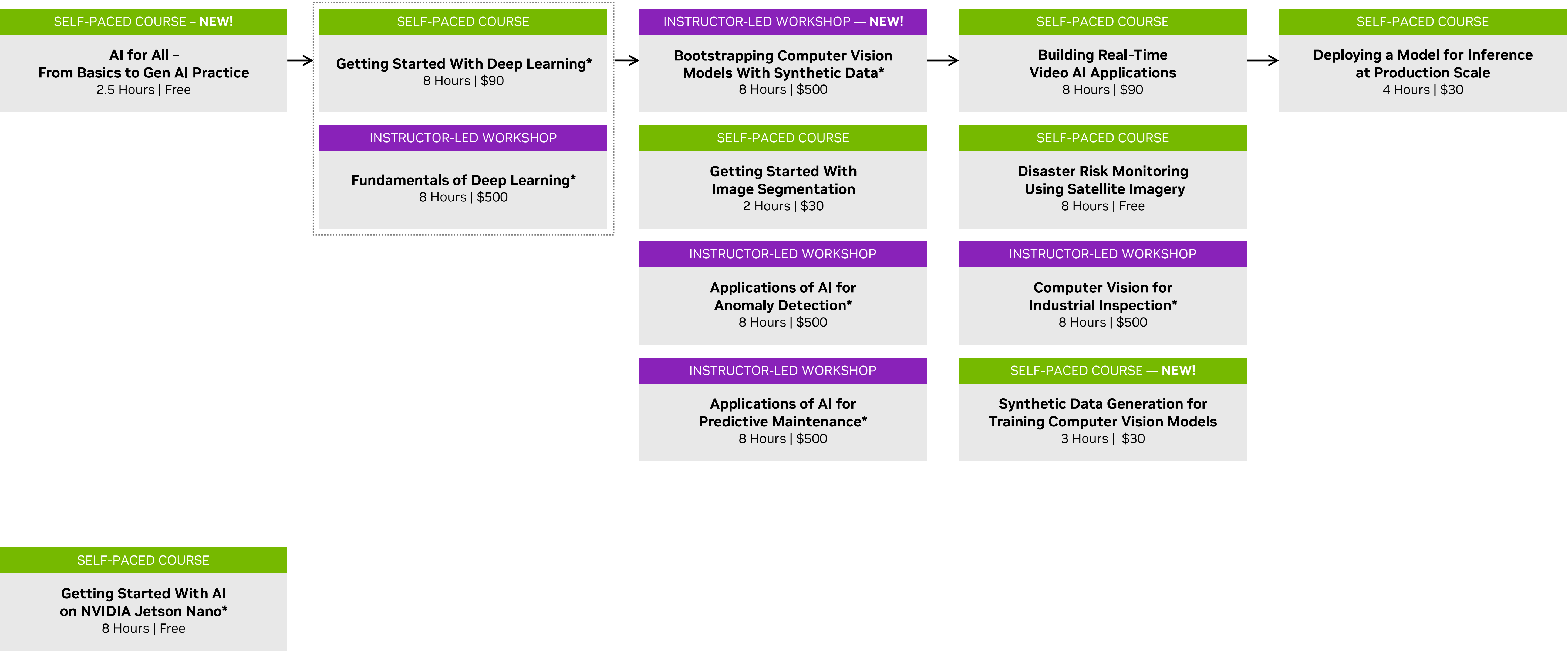
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Braces Indicate Alternate Paths



Computer Vision and Video Analytics Training

For developers



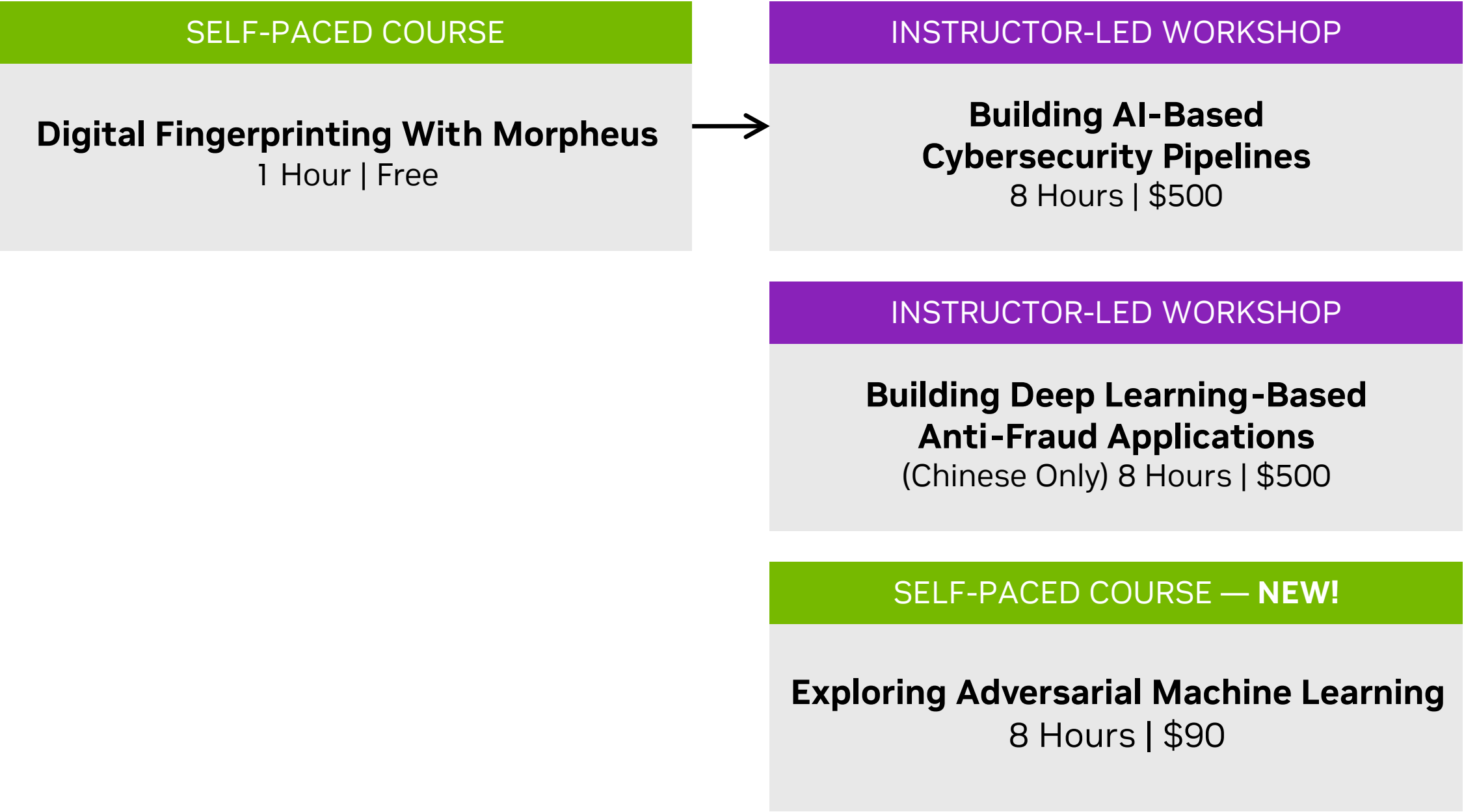
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Cybersecurity and Fraud Detection Training

For developers



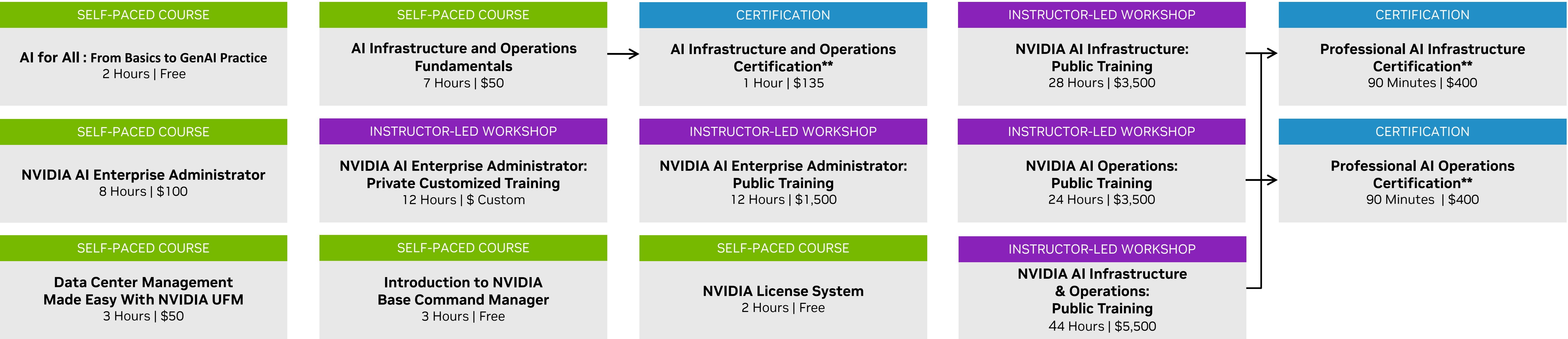
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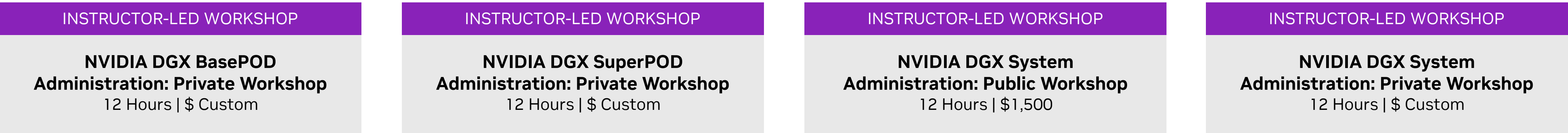
Data Center Overview Training

For administrators

Platform Overview Choose the courses that best match your learning needs.



Compute Choose the courses that best match your learning needs.



Networking Choose the courses that best match your learning needs.



Networking Software Choose the courses that best match your learning needs.



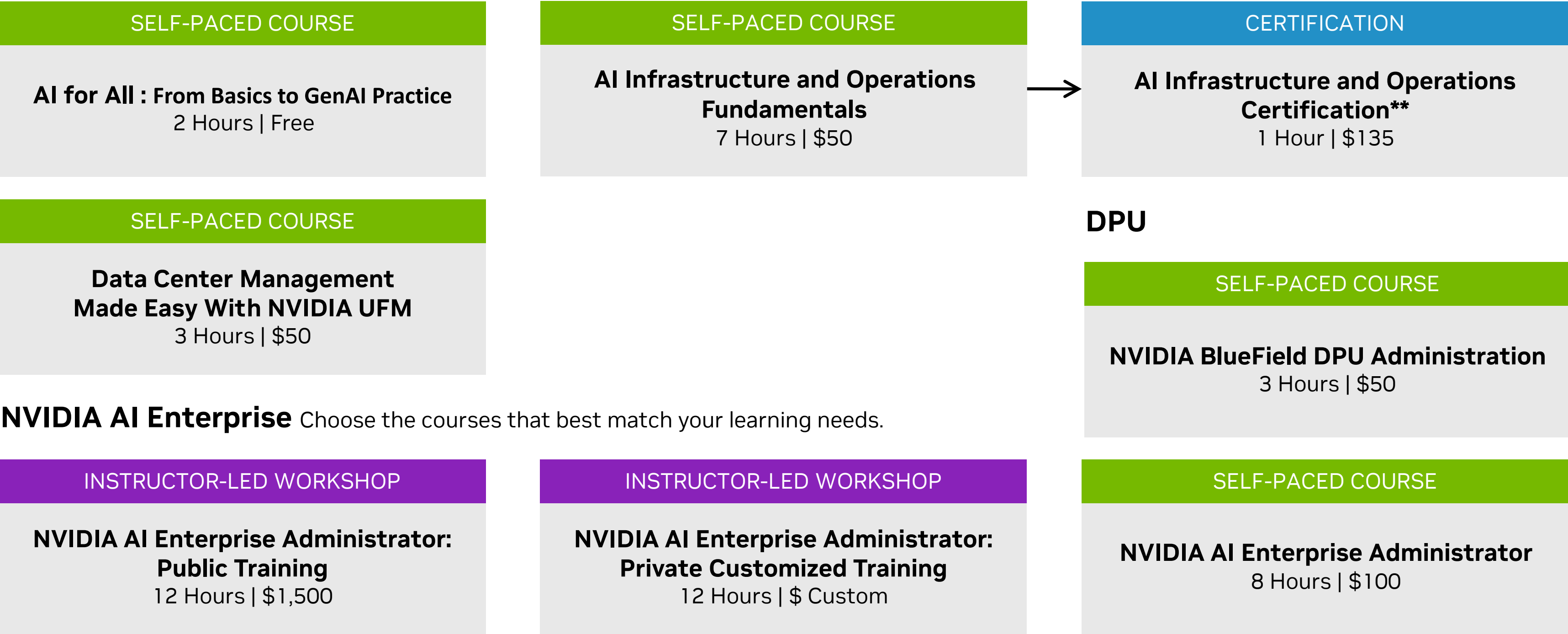
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Data Center and Cloud Training

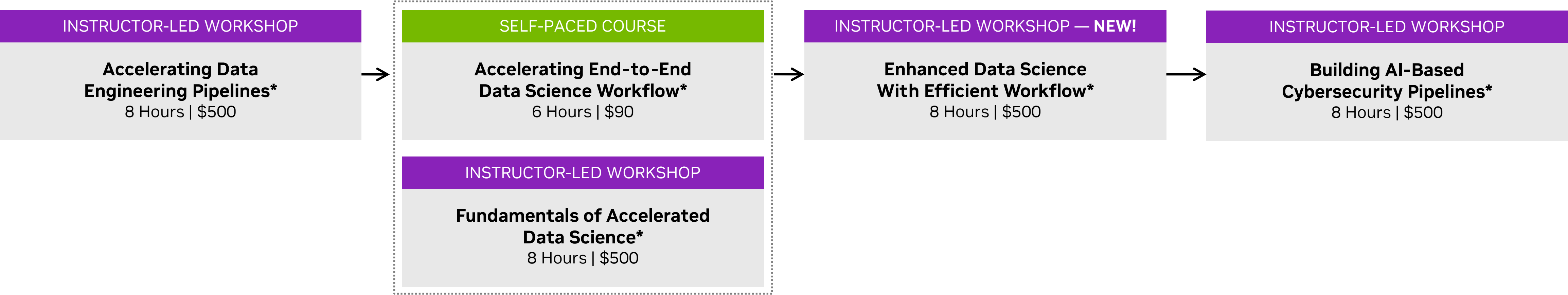
For administrators

Overview



Data Science Training

For developers



SELF-PACED COURSE — NEW!

RAPIDS Accelerator for Apache Spark
2 Hours | \$30

SELF-PACED COURSE — NEW!

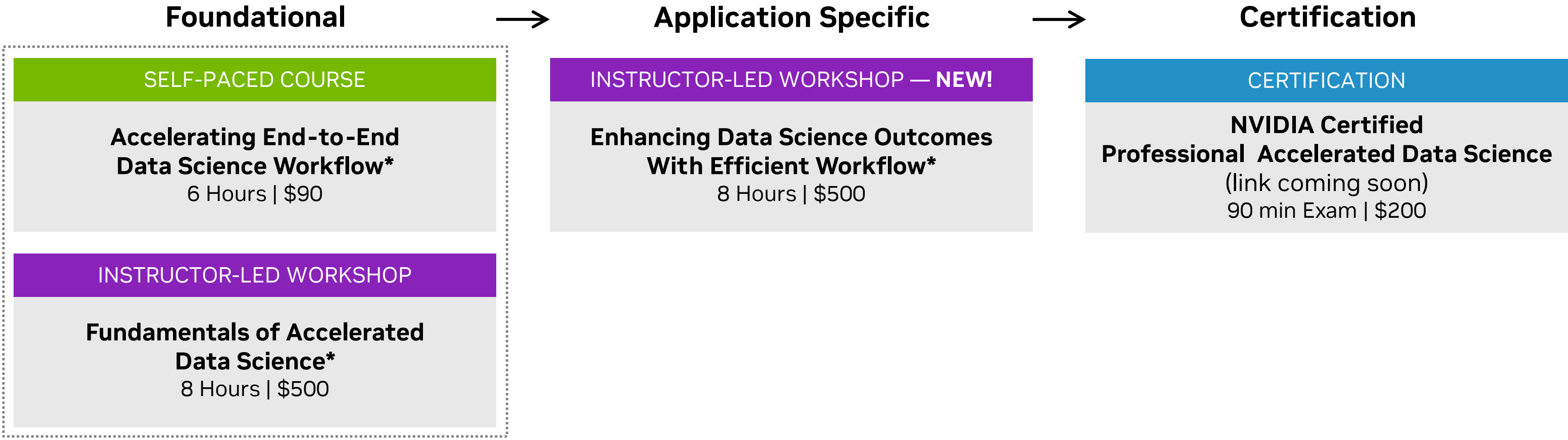
Accelerate Data Science Workflows with Zero Code Changes
1 Hour | Free

COURSE LEGEND

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- { } Braces Indicate Alternate Paths

Data Science Recommended Training for Certification

For developers

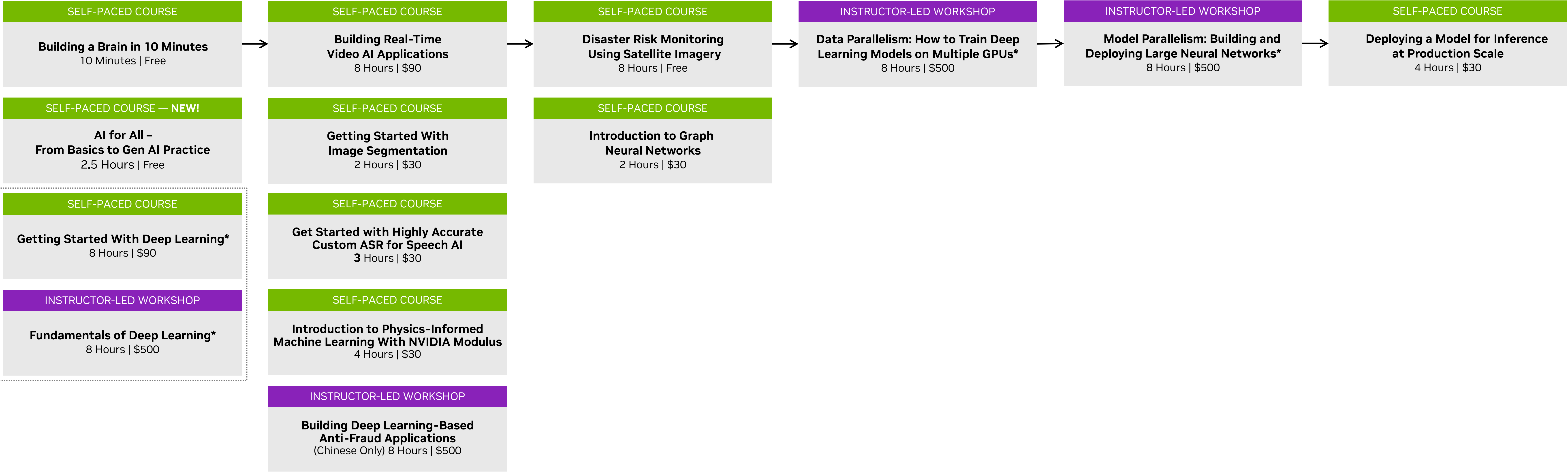


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Deep Learning Training

For developers

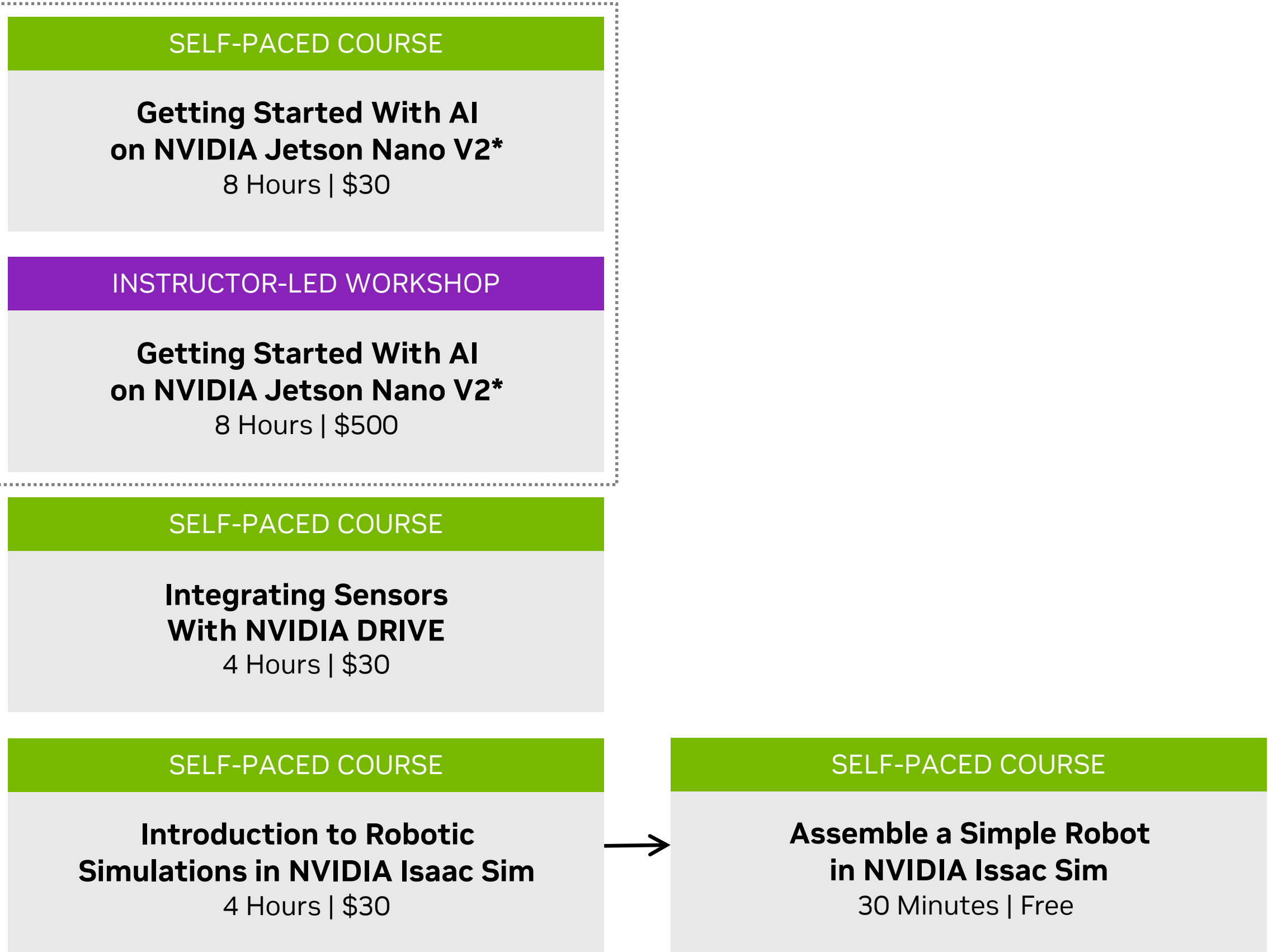


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Edge Computing Training

For developers



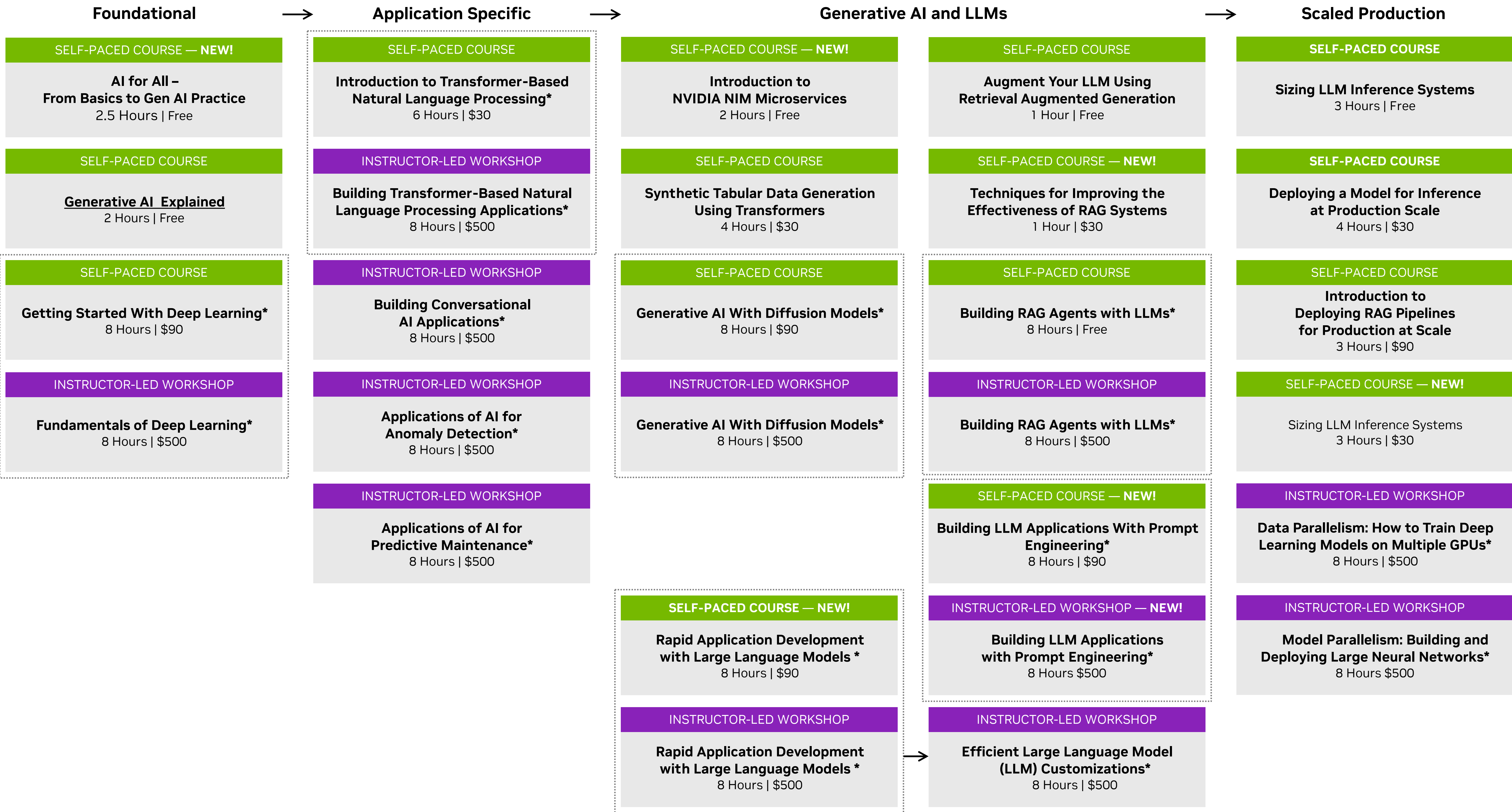
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Generative AI and Large Language Models Training

For developers



COURSE LEGEND

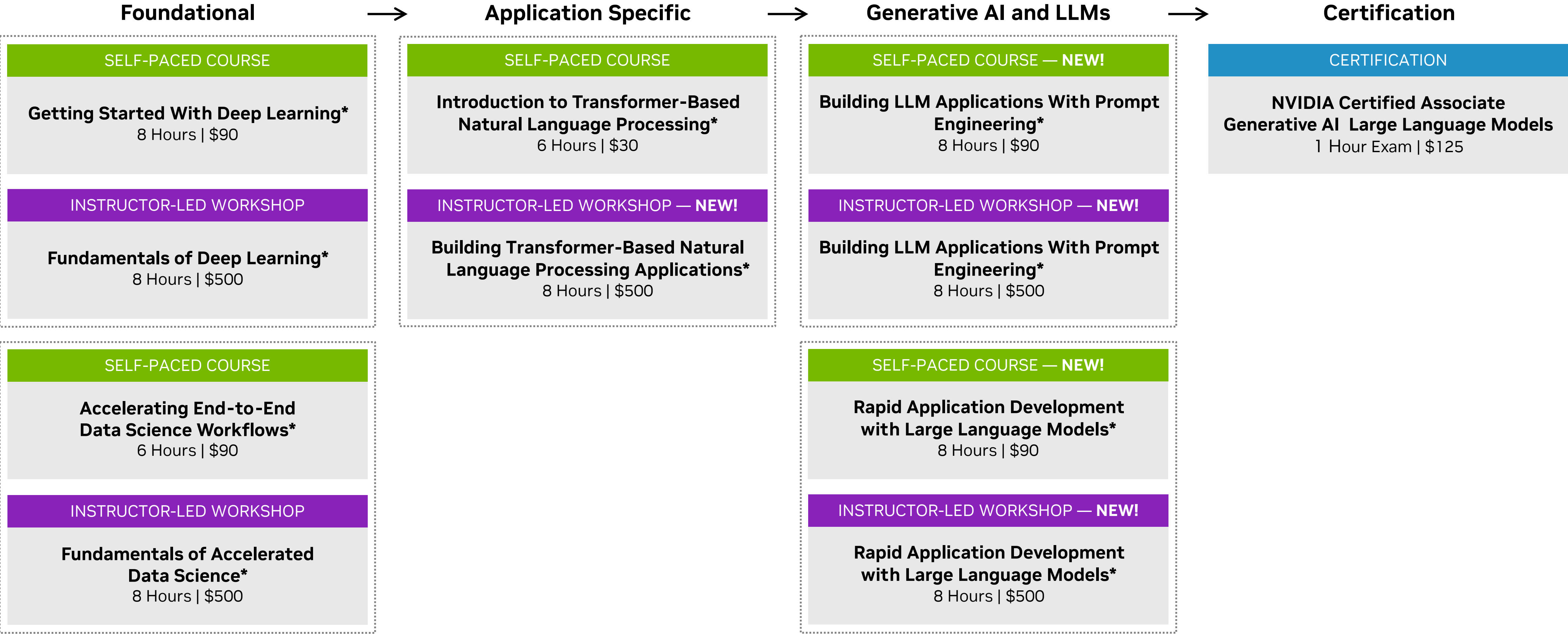
* NVIDIA Certificate of Competency

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Recommended Training for Gen AI LLM Certification



Additional resources to prepare for the exam:

- [Getting Started with Large Language Models for Enterprise Solutions](#) (blog, 20 minutes)
- [The Fast Path to Developing With LLMs](#) (Video on demand, 50 minutes)
- [Running Your Own LLM](#) (Video on demand, 40 minutes)
- [What Is Retrieval-Augmented Generation aka RAG?](#) (Blog, 15 minutes)
- [Trustworthy AI](#) (Webpage)

COURSE LEGEND

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NVIDIA Certificate of Competency

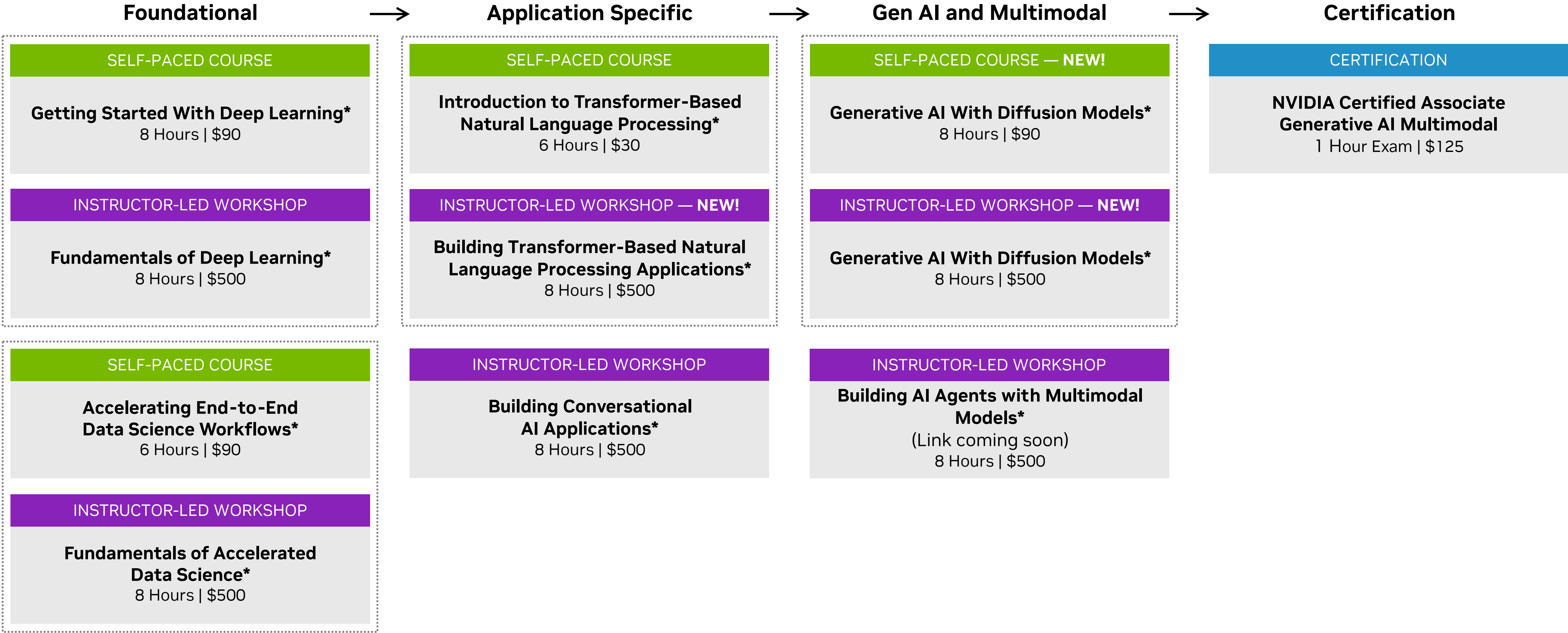
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Digital Badge Available

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Recommended Training for Gen AI Multimodal Certification



Additional resources to prepare for the exam:

- [High-Resolution Image Synthesis via Two-Stage Generative Models](#) (Video on demand, 35 minutes)
- [Accelerated Creative AI –Using NVIDIA-optimized image generation for Media and Entertainment](#) (Webinar on demand, 1 hour)
- [Building Lifelike Digital Avatars with NVIDIA ACE Microservices](#) (Blog, 15 minutes)
- [The Future of Generative AI for Content Creation](#) (Video on demand, 35 minutes)

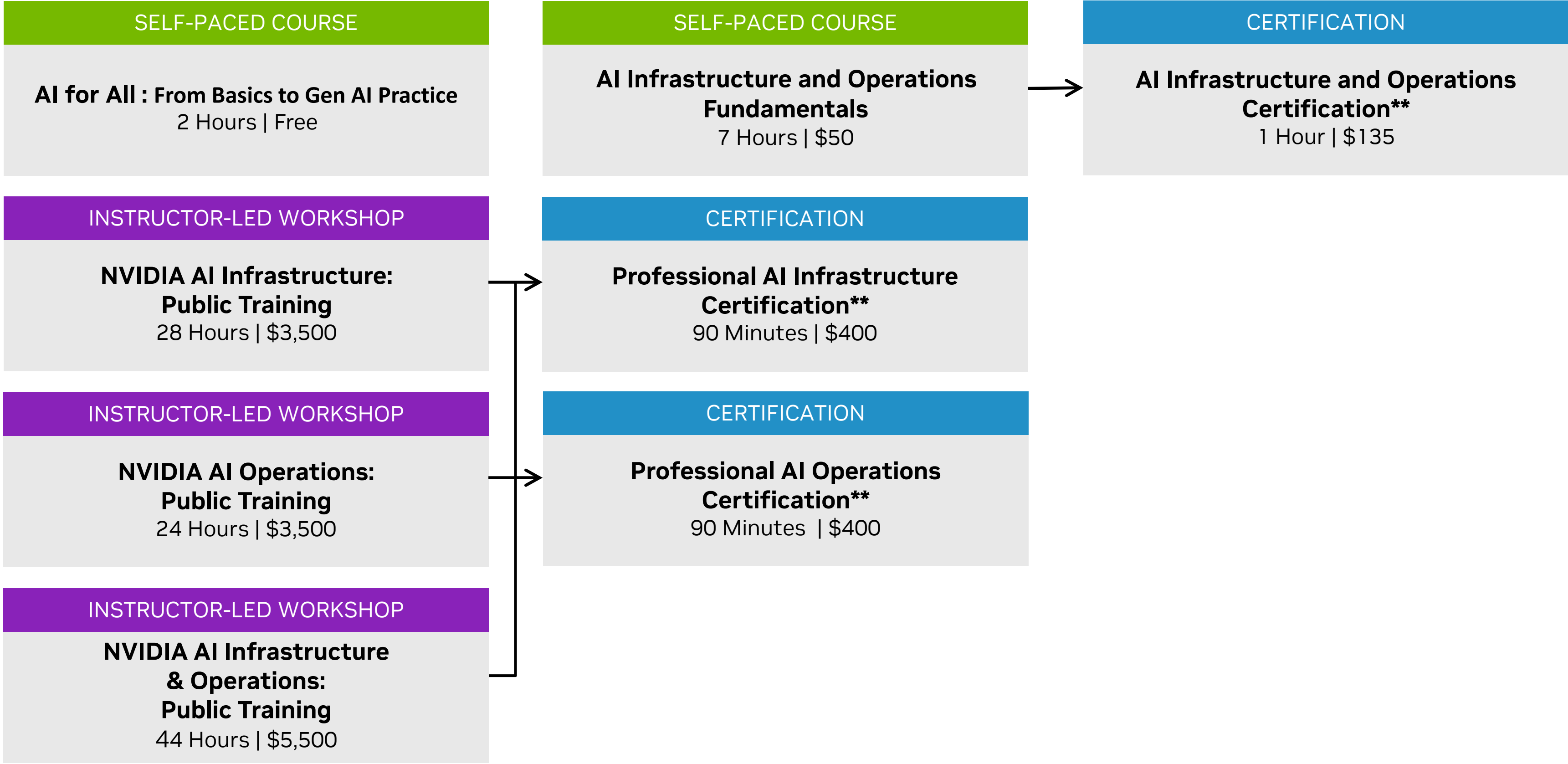
COURSE LEGEND

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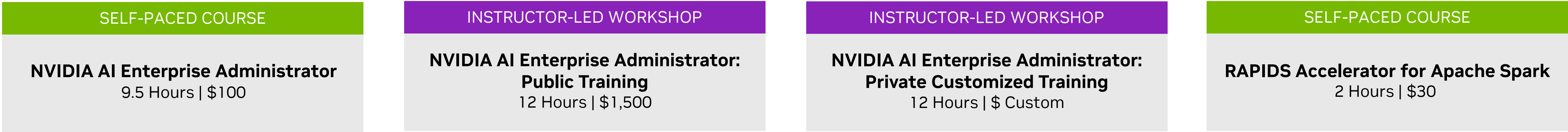
Infrastructure for Generative AI and Large Language Models Training

For administrators

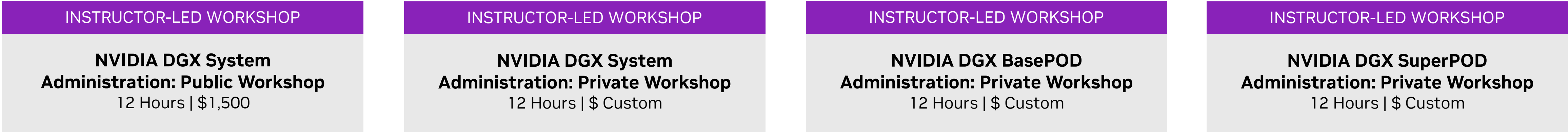
Overview



NVIDIA AI Enterprise



NVIDIA DGX



Introduction to Networking



Additional Recommended Training



COURSE LEGEND

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Industry-Related Training

For developers

Energy

INSTRUCTOR-LED WORKSHOP

Computer Vision for Industrial Inspection*
8 Hours | \$500

INSTRUCTOR-LED WORKSHOP

Applications of AI for Predictive Maintenance*
8 Hours | \$500

Financial Services

SELF-PACED COURSE

Digital Fingerprinting With NVIDIA Morpheus
1 Hour | Free

INSTRUCTOR-LED WORKSHOP

Building AI-Based Cybersecurity Pipelines
8 Hours | \$500

INSTRUCTOR-LED WORKSHOP

Applications of AI for Anomaly Detection*
8 Hours | \$500

Manufacturing

INSTRUCTOR-LED WORKSHOP

Computer Vision for Industrial Inspection*
8 Hours | \$500

INSTRUCTOR-LED WORKSHOP

Applications of AI for Predictive Maintenance*
8 Hours | \$500

Transportation

SELF-PACED COURSE

Integrating Sensors With NVIDIA DRIVE
4 Hours | \$30

Healthcare and Life Sciences

SELF-PACED COURSE – NEW!

AI for All – From Basics to Gen AI Practice
2.5 Hours | Free

SELF-PACED COURSE

Getting Started With Deep Learning*
8 Hours | \$90

INSTRUCTOR-LED WORKSHOP

Fundamentals of Deep Learning*
8 Hours | \$500

INSTRUCTOR-LED WORKSHOP

Data Parallelism: How to Train Deep Learning Models on Multiple GPUs*
8 Hours | \$500

INSTRUCTOR-LED WORKSHOP

Model Parallelism: Building and Deploying Large Neural Networks*
8 Hours | \$500

COURSE LEGEND

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NVIDIA Certificate of Competency

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Digital Badge Available

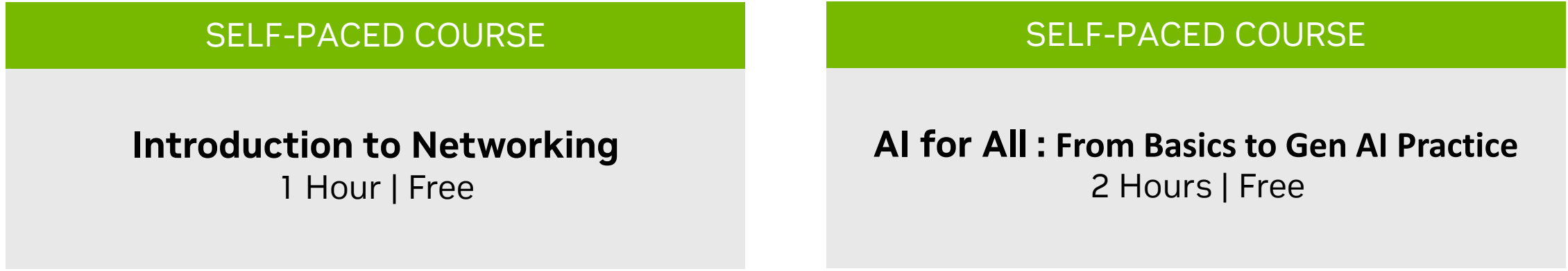
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Braces Indicate Alternate Paths

Networking Training

For administrators

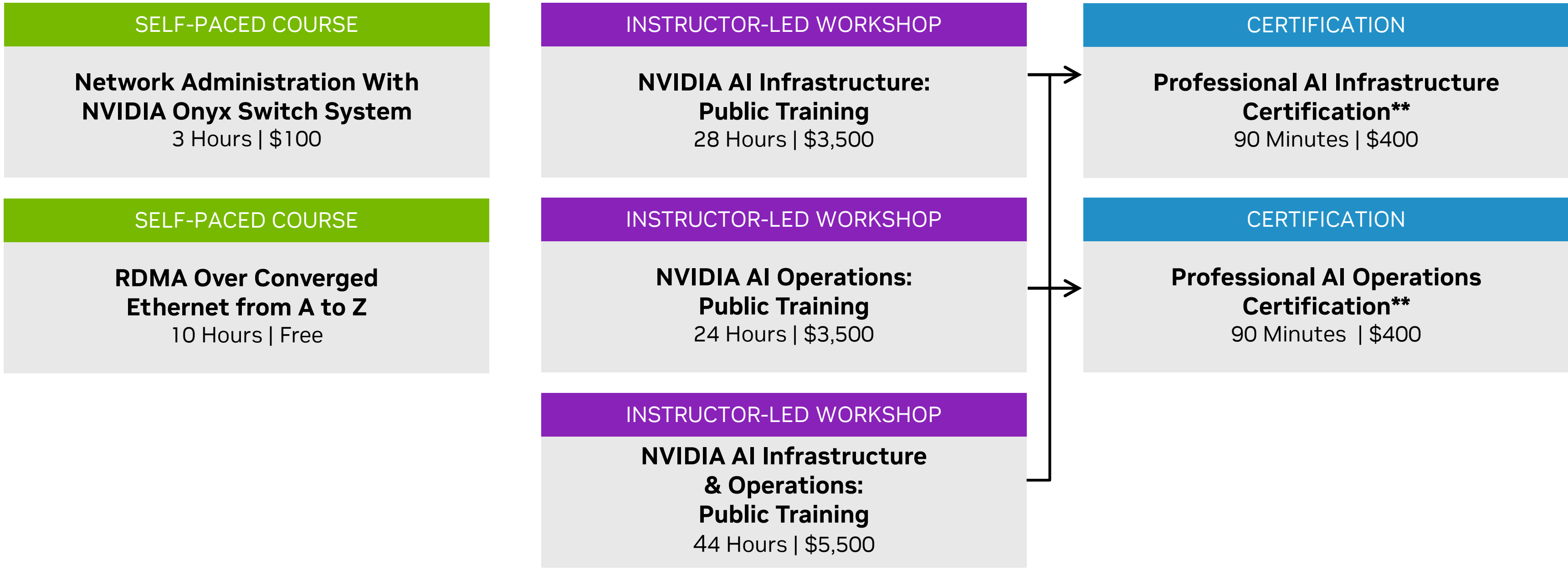
Overview



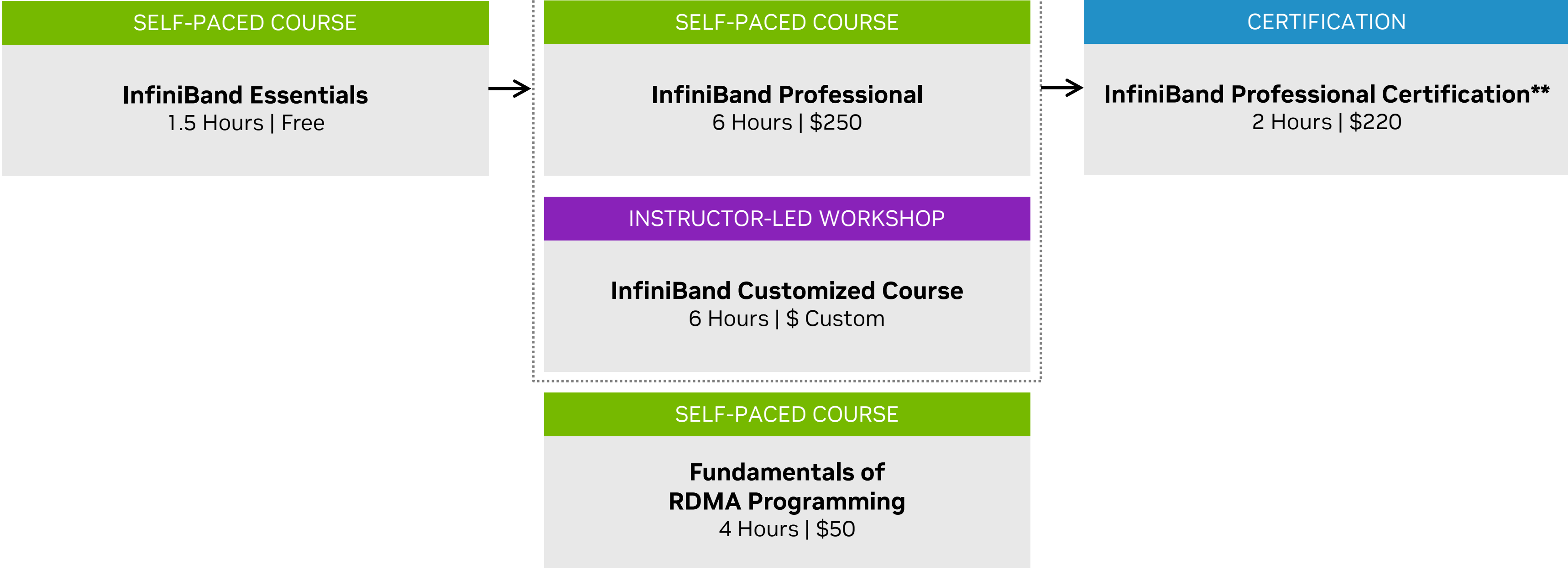
NVIDIA Cumulus



Other



InfiniBand



COURSE LEGEND

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- { } Braces Indicate Alternate Paths

Robotics

For developers

SELF-PACED COURSE

Getting Started with AI on Jetson Nano
8 Hours | \$90

INSTRUCTOR-LED WORKSHOP

Getting Started with AI on Jetson Nano
6 Hours | \$ 500

SELF-PACED COURSE

Getting Started: Simulating Your First Robot in Isaac Sim
1.5 Hours | Free

SELF-PACED COURSE

Transferring Robot Learning Policies from Simulation to Reality
1 Hour | Free

SELF-PACED COURSE

Ingesting Robot Assets and Simulating Your Robot in Isaac Sim
1 Hour | Free

SELF-PACED COURSE

Synthetic Data Generation for Perception Model Training in Isaac Sim
1 Hour | Free

SELF-PACED COURSE

Developing Robots with Software-in-the-Loop (SIL) in Isaac Sim
1 Hour | Free

COURSE LEGEND

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 NVIDIA Certificate of Competency

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 Digital Badge Available

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 Braces Indicate Alternate Paths

Simulation, Modeling, and Design Training

For developers and administrators

Omniverse Kit-Based Development

SELF-PACED COURSE

Developing an Omniverse Kit-Based Application
2 Hours | Free

SELF-PACED COURSE

How to Build OpenUSD Applications for Industrial Digital Twins
2 Hours | Free

SELF-PACED COURSE

Building a 3D Product Configurator with OpenUSD and Omniverse
2 Hours | Free

SELF-PACED COURSE

How to Build a Native OpenUSD XR Application
2 Hours | Free

SELF-PACED COURSE

Develop, Customize, and Publish in NVIDIA Omniverse With Extensions
8 Hours | Free

Simulation and Synthetic Data

SELF-PACED COURSE

Introduction to Robotic Simulations in NVIDIA Isaac Sim
4 Hours | \$30

INSTRUCTOR-LED WORKSHOP

Bootstrapping Computer Vision Models With Synthetic Data*
8 Hours | \$500

SELF-PACED COURSE

Assemble a Simple Robot in NVIDIA Issac Sim
30 Minutes | Free

SELF-PACED COURSE

Synthetic Data Generation for Training Computer Vision Models
3 Hours | \$30

SELF-PACED COURSE!

Synthetic Tabular Data Generation Using Transformers
4 Hours | \$30

INSTRUCTOR-LED WORKSHOP

Building Digital Avatar Pipelines With Omniverse Audio2Face and Riva*
(Chinese) 8 Hours | \$500

SELF-PACED COURSE

Synthetic Data Generation for Perception Model Training in Isaac Sim
1 Hour | Free

Generative AI

SELF-PACED COURSE — NEW!

Generative AI Explained
2 Hours | Free

SELF-PACED COURSE

Developing an AI Background Generator With NIM
2 Hours | Free

OpenUSD Fundamentals

SELF-PACED COURSE

Learn OpenUSD: Learning About Stages, Prims, and Attributes
90 Minutes | Free

SELF-PACED COURSE

Learn OpenUSD: Working With Prims and Default Schemas
30 Minutes | Free

SELF-PACED COURSE

Learn OpenUSD: Using Attributes
45 Minutes | Free

SELF-PACED COURSE

Learn OpenUSD: Traversing Stages
20 Minutes | Free

SELF-PACED COURSE

Learn OpenUSD: Understanding Model Kinds
15 Minutes | Free

SELF-PACED COURSE

Learn OpenUSD: Setting Up Basic Animations
15 Minutes | Free

SELF-PACED COURSE

Learn OpenUSD: An Introduction to Strength Ordering
45 Minutes | Free

SELF-PACED COURSE

Learn OpenUSD: Creating Composition Arcs
3 Hours | Free

SELF-PACED COURSE

Learn OpenUSD: Asset Structure Principles and Content Aggregation
3 Hours | Free

SELF-PACED COURSE

Learn OpenUSD: Developing Data Exchange Pipelines
1.5 Hours | Free

COURSE LEGEND

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NVIDIA Certificate of Competency

**

Digital Badge Available

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Braces Indicate Alternate Paths

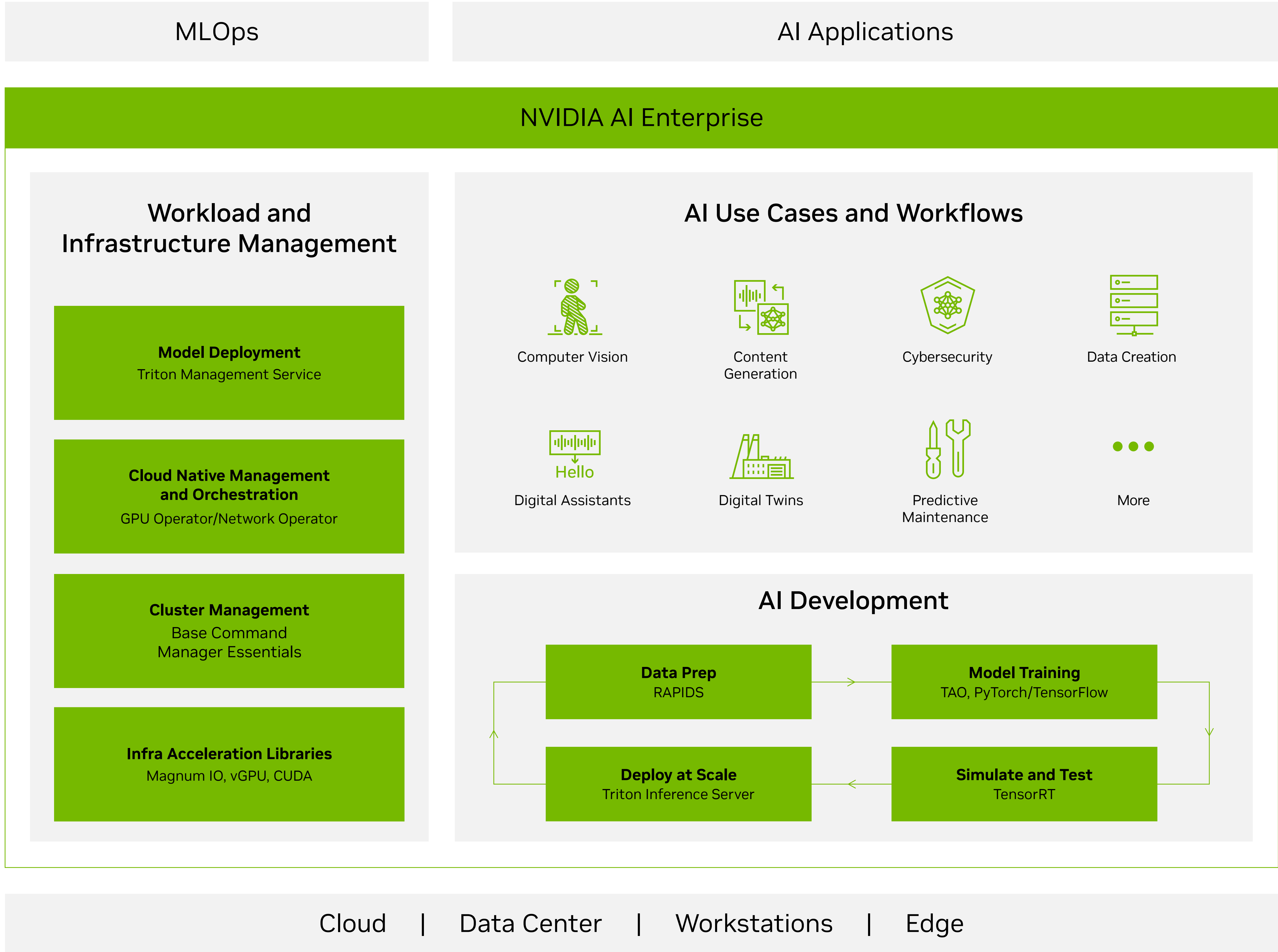


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NVIDIA AI Enterprise Learning Paths

NVIDIA AI Enterprise Training and Certification

Training in three key areas



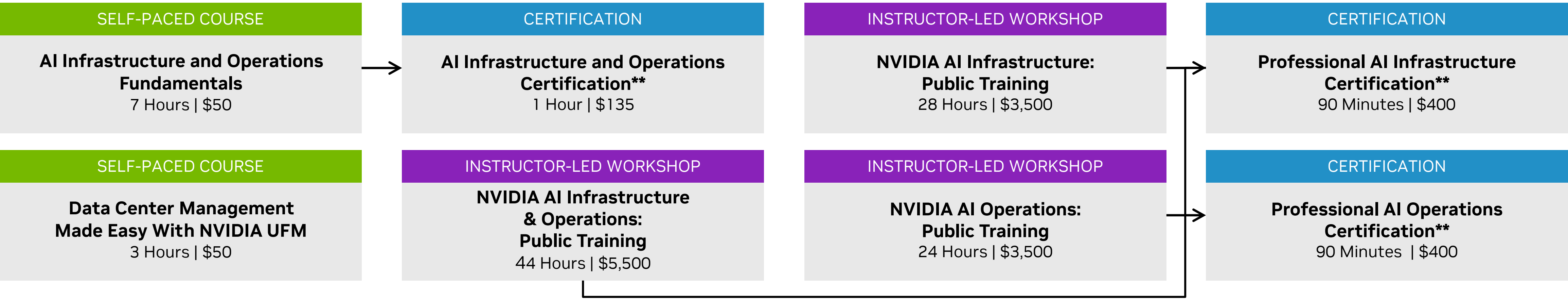


NVIDIA AI Enterprise Workload and Infrastructure Management

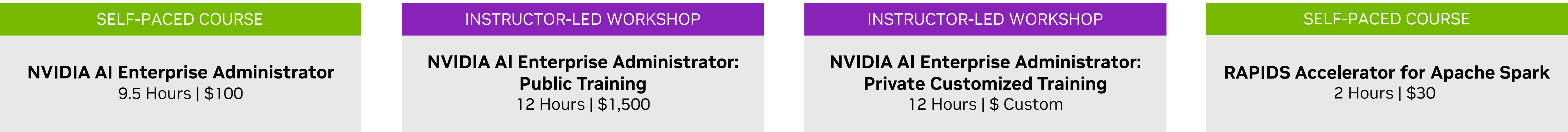
NVIDIA AI Enterprise Training

Workload and infrastructure management

Fundamentals

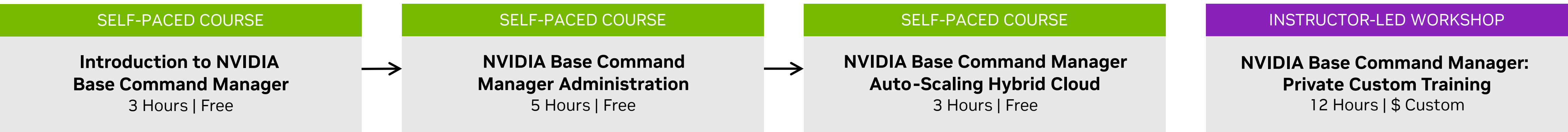


NVIDIA AI Enterprise



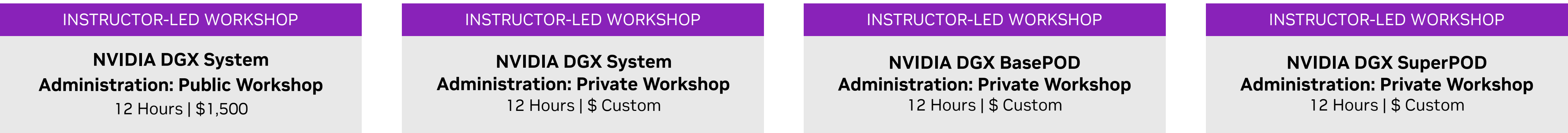
NVIDIA Base Command Manager

Choose the courses that best match your learning needs.



NVIDIA DGX

Choose the courses that best match your learning needs.



COURSE LEGEND

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NVIDIA AI Enterprise AI Use Cases & Workflows

NVIDIA AI Enterprise Training

AI use cases and workflows

Computer Vision and Video Analytics

SELF-PACED COURSE — NEW!

AI for All – From Basics to Gen AI Practice
2.5 Hours | Free

SELF-PACED COURSE

Getting Started With Deep Learning*
8 Hours | \$90

INSTRUCTOR-LED WORKSHOP

Fundamentals of Deep Learning*
8 Hours | \$500

INSTRUCTOR-LED WORKSHOP — NEW!

Bootstrapping Computer Vision Models With Synthetic Data*
8 Hours | \$500

SELF-PACED COURSE

Getting Started With Image Segmentation
2 Hours | \$30

INSTRUCTOR-LED WORKSHOP

Applications of AI for Anomaly Detection*
8 Hours | \$500

INSTRUCTOR-LED WORKSHOP

Applications of AI for Predictive Maintenance*
8 Hours | \$500

SELF-PACED COURSE

Building Real-Time Video AI Applications
8 Hours | \$90

SELF-PACED COURSE

Disaster Risk Monitoring Using Satellite Imagery
8 Hours | Free

INSTRUCTOR-LED WORKSHOP

Computer Vision for Industrial Inspection*
8 Hours | \$500

SELF-PACED COURSE — NEW!

Synthetic Data Generation for Training Computer Vision Models
3 Hours | \$30

SELF-PACED COURSE

Deploying a Model for Inference at Production Scale
4 Hours | \$30

SELF-PACED COURSE

Getting Started With AI on NVIDIA Jetson Nano*
8 Hours | Free

COURSE LEGEND

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NVIDIA Certificate of Competency

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Digital Badge Available

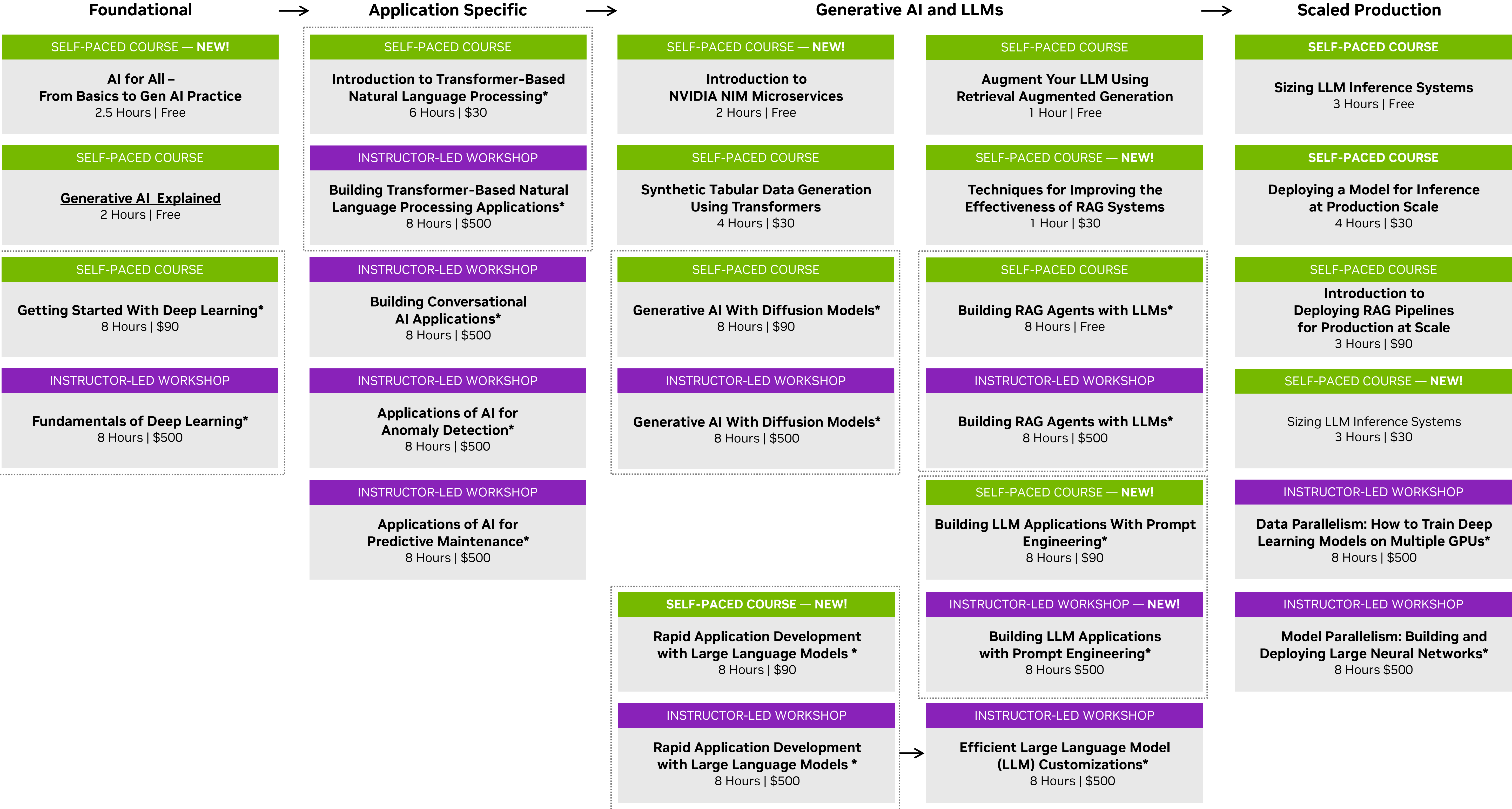
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Braces Indicate Alternate Paths

NVIDIA AI Enterprise Training

AI use cases and workflows

Content Generation



COURSE LEGEND

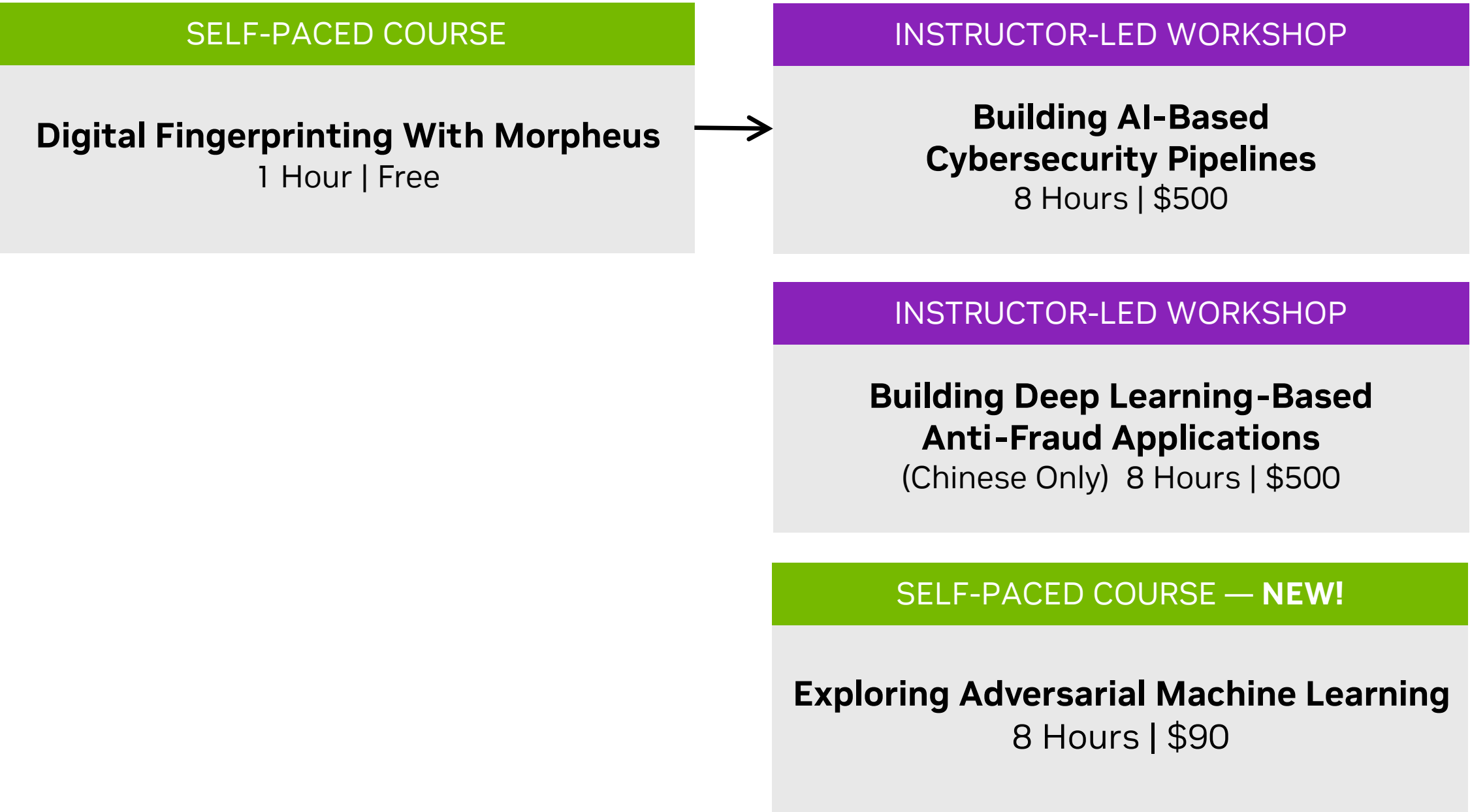
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NVIDIA AI Enterprise Training

AI use cases and workflows

Cybersecurity & Fraud Detection



COURSE LEGEND

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NVIDIA AI Enterprise Training

AI use cases and workflows

Data Creation

INSTRUCTOR-LED WORKSHOP	SELF-PACED COURSE — NEW!
Bootstrapping Computer Vision Models With Synthetic Data* 8 Hours \$500	Synthetic Tabular Data Generation Using Transformers 4 Hours \$30

Digital Assistants

SELF-PACED COURSE — NEW!	SELF-PACED COURSE	
AI for All – From Basics to Gen AI Practice 2.5 Hours Free	Introduction to Transformer-Based Natural Language Processing* 6 Hours \$30	
SELF-PACED COURSE	INSTRUCTOR-LED WORKSHOP	INSTRUCTOR-LED WORKSHOP
<u>Generative AI Explained</u> 2 Hours Free	Building Transformer-Based Natural Language Processing Applications* 8 Hours \$500	Data Parallelism: How to Train Deep Learning Models on Multiple GPUs* 8 Hours \$500
SELF-PACED COURSE	INSTRUCTOR-LED WORKSHOP	INSTRUCTOR-LED WORKSHOP
Getting Started With Deep Learning* 8 Hours \$90	Building Conversational AI Applications* 8 Hours \$500	Model Parallelism: Building and Deploying Large Neural Networks* 8 Hours \$500
INSTRUCTOR-LED WORKSHOP		
Fundamentals of Deep Learning* 8 Hours \$500		

COURSE LEGEND	
*	NVIDIA Certificate of Competency
**	Digital Badge Available
{ }	Braces Indicate Alternate Paths

NVIDIA AI Enterprise Training

AI use cases and workflows

Digital Twins

OpenUSD Fundamentals

SELF-PACED COURSE	SELF-PACED COURSE	SELF-PACED COURSE	SELF-PACED COURSE
Learn OpenUSD: Learning About Stages, Prims, and Attributes 90 Minutes Free	Learn OpenUSD: Working With Prims and Default Schemas 30 Minutes Free	Learn OpenUSD: Using Attributes 45 Minutes Free	Learn OpenUSD: Traversing Stages 20 Minutes Free
SELF-PACED COURSE	SELF-PACED COURSE	SELF-PACED COURSE	
Learn OpenUSD: Understanding Model Kinds 15 Minutes Free	Learn OpenUSD: Setting Up Basic Animations 15 Minutes Free	Learn OpenUSD: An Introduction to Strength Ordering 45 Minutes Free	
SELF-PACED COURSE — NEW!	SELF-PACED COURSE — NEW!	SELF-PACED COURSE — NEW!	
Building a 3D Product Configurator with OpenUSD And Omniverse 2 Hours Free	How to Build Native OpenUSD XR Applications 2 Hours Free	How to Build OpenUSD Applications for Industrial Digital Twins 2 Hours Free	

Predictive Maintenance

INSTRUCTOR-LED WORKSHOP	INSTRUCTOR-LED WORKSHOP
Computer Vision for Industrial Inspection* 8 Hours \$500	Applications of AI for Predictive Maintenance* 8 Hours \$500

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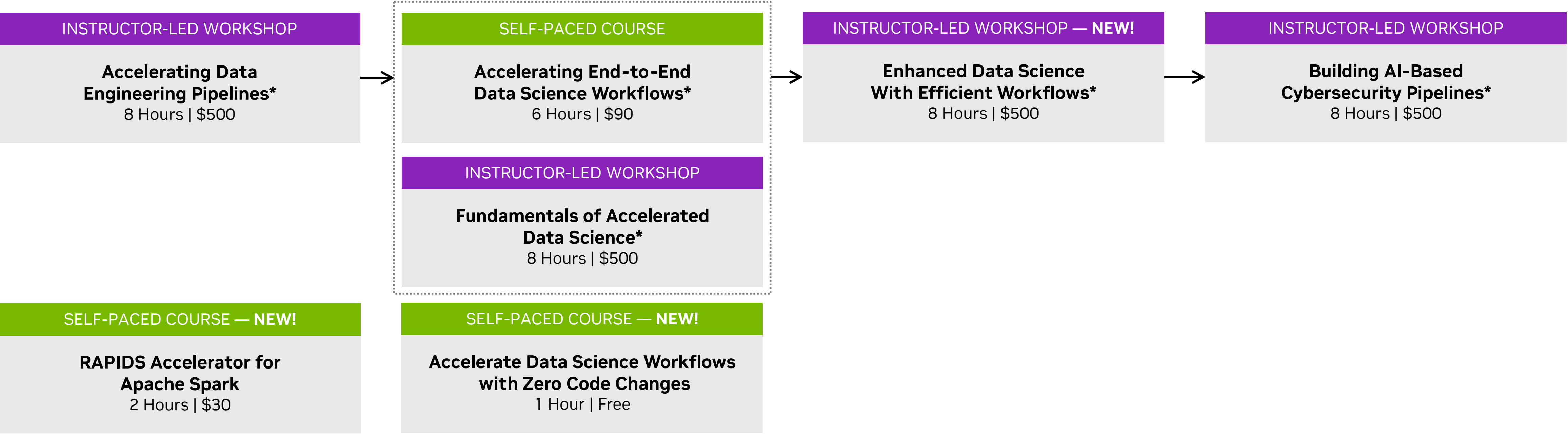
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NVIDIA AI Enterprise AI Development

NVIDIA AI Enterprise Training

AI development

Data Prep (Rapids)



COURSE LEGEND

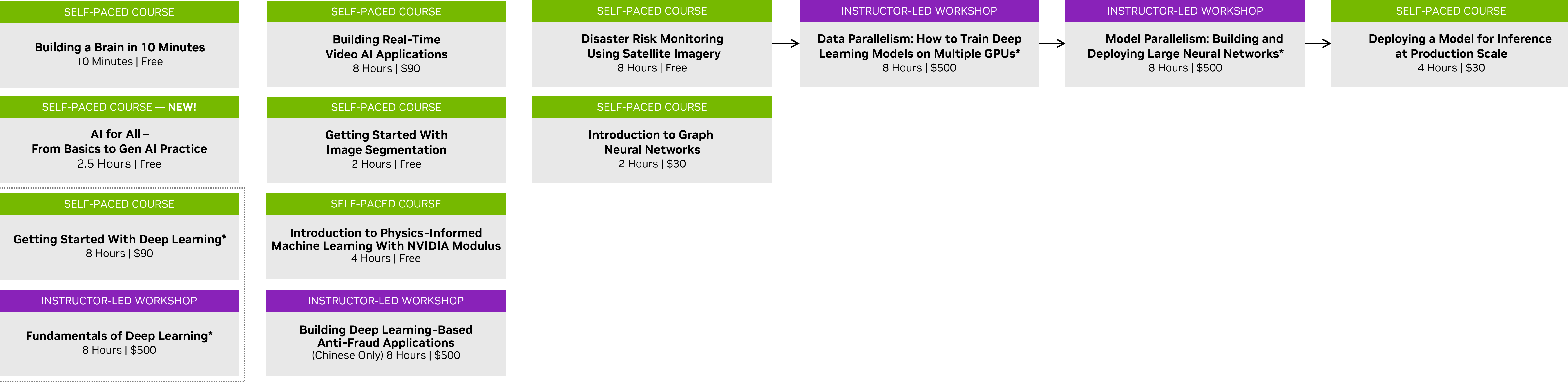
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NVIDIA AI Enterprise Training

AI development

Model Training (TAO PyTorch/Tensor Flow)



COURSE LEGEND

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NVIDIA AI Enterprise Training

AI development

Simulation & Test (TensorRT)

SELF-PACED COURSE	SELF-PACED COURSE
Building Real-Time Video AI Applications 8 Hours \$90	Deploying a Model for Inference at Production Scale 4 Hours \$30
SELF-PACED COURSE	
Disaster Risk Monitoring Using Satellite Imagery 8 Hours Free	
INSTRUCTOR-LED WORKSHOP	
Computer Vision for Industrial Inspection* 8 Hours \$500	
SELF-PACED COURSE — NEW!	
Synthetic Data Generation for Training Computer Vision Models 3 Hours \$30	

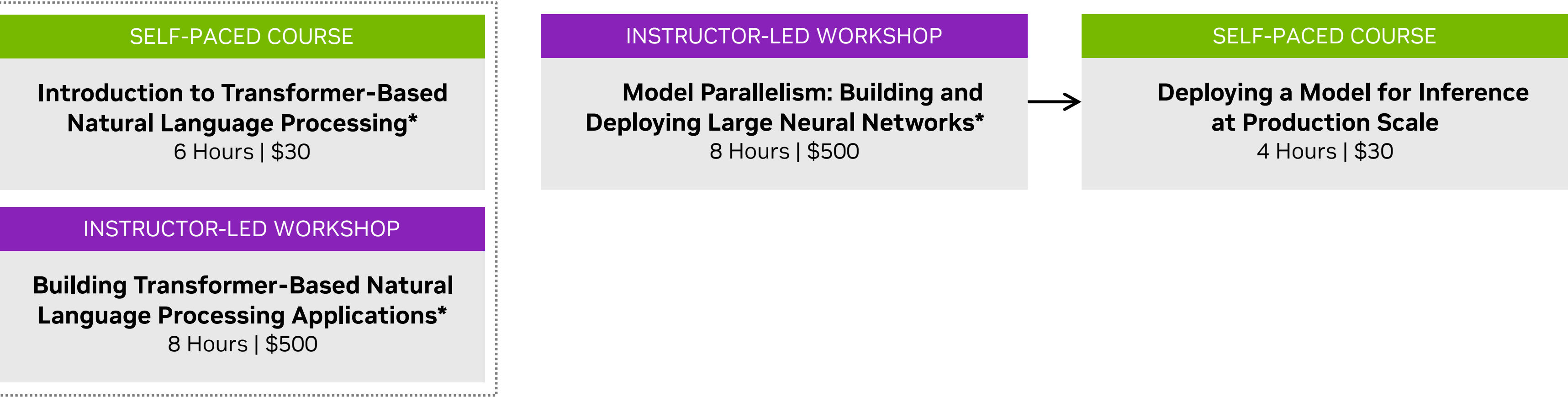
COURSE LEGEND

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NVIDIA AI Enterprise Training

AI development

Deploy & Scale (Triton)



COURSE LEGEND

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