

# NVIDIA Learning Paths by Role and Topic

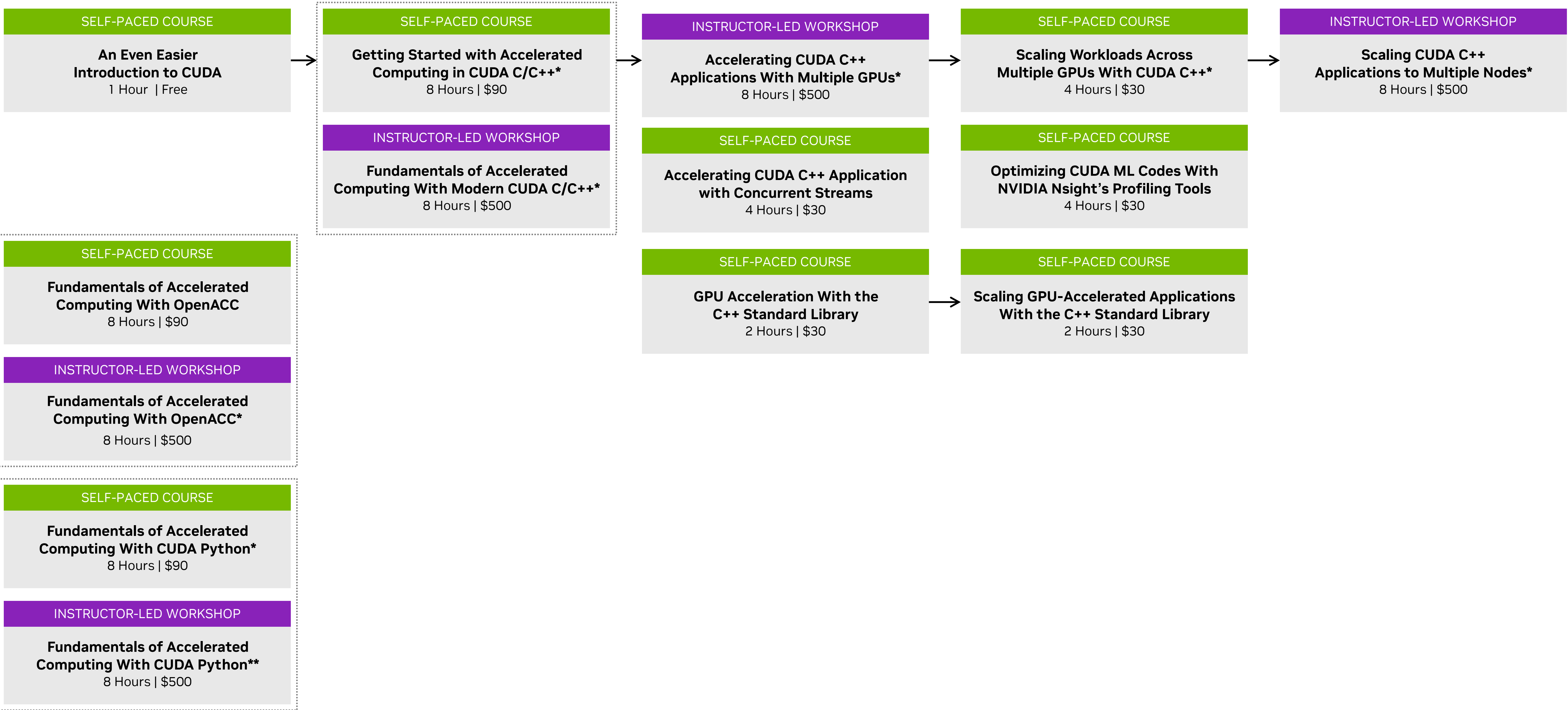
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To develop a customized training plan for your organization, connect with one of our [training advisors](#).

# Accelerated Computing Training

For developers



**COURSE LEGEND**

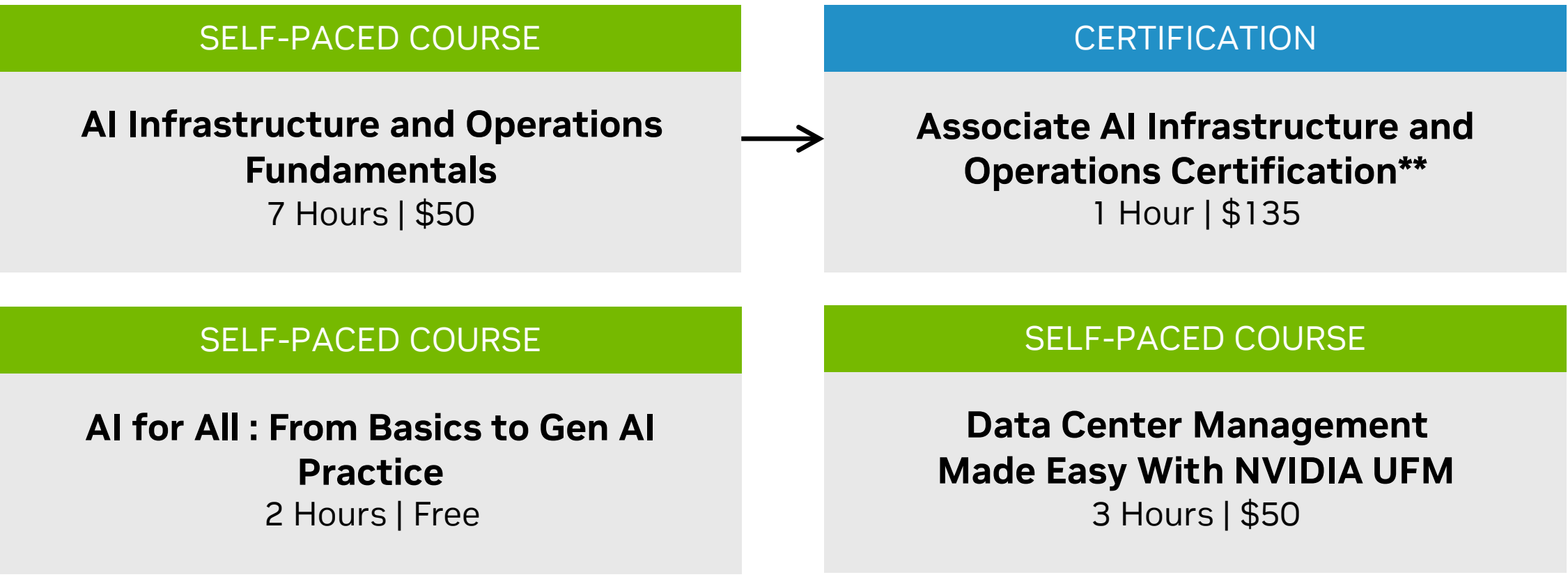
- \* NVIDIA Certificate of Competency
- \*\* Digital Badge Available
- { } Braces Indicate Alternate Paths



# Accelerated Computing Training

For administrators

### Overview



### NVIDIA AI Enterprise

Choose the courses that best match your learning needs.



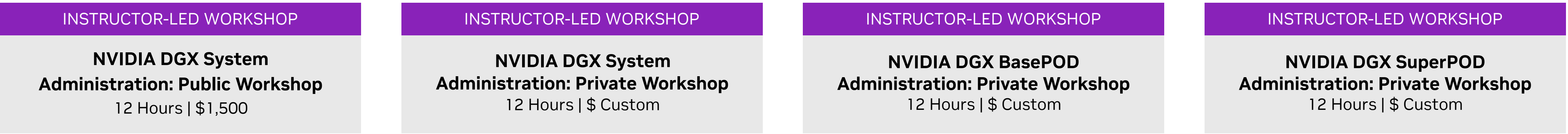
### NVIDIA Base Command Manager

Choose the courses that best match your learning needs.

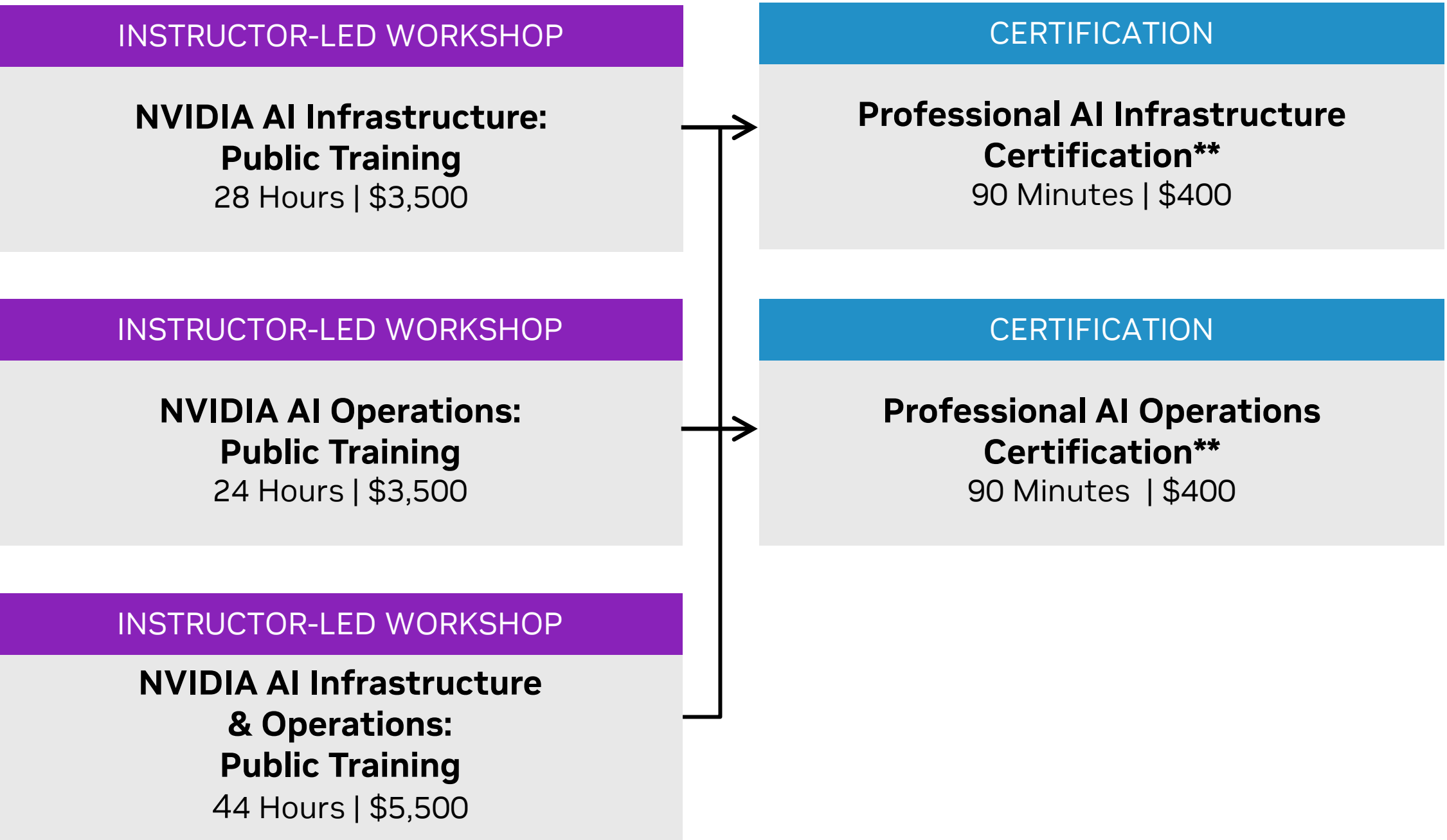


### NVIDIA DGX

Choose the courses that best match your learning needs.



### AI Infrastructure and Operations



**COURSE LEGEND**

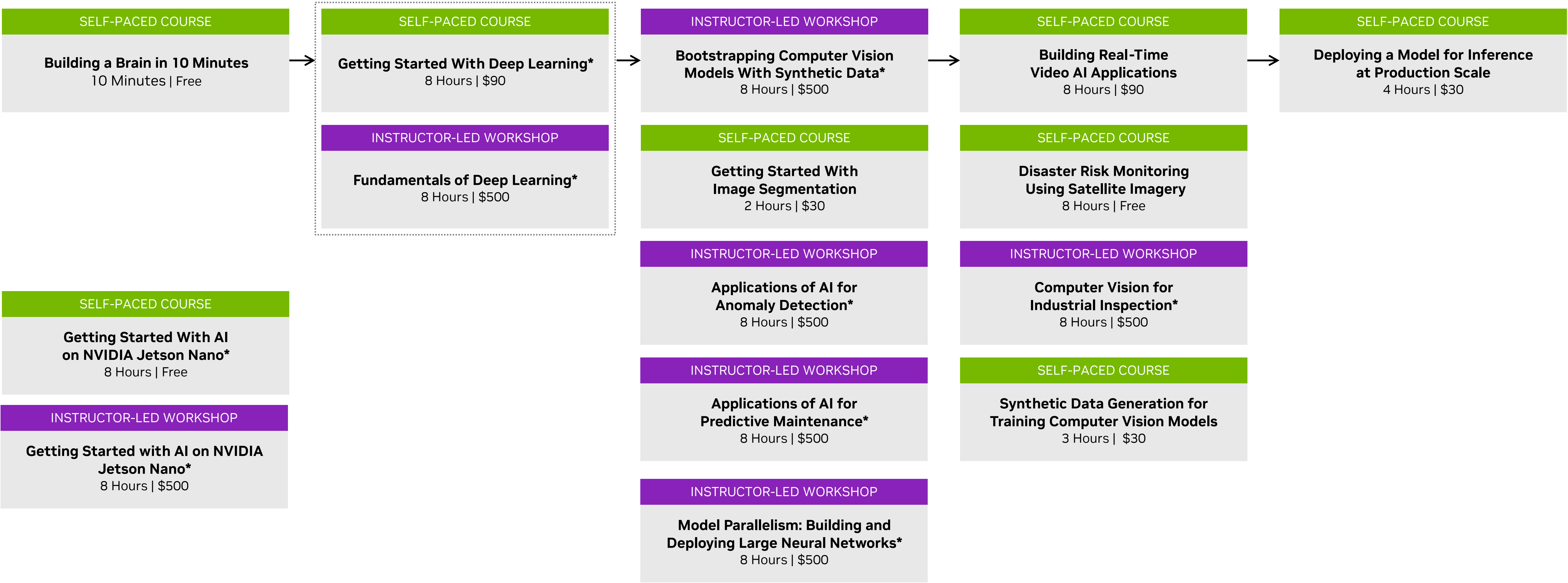
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# Computer Vision and Video Analytics Training

For developers



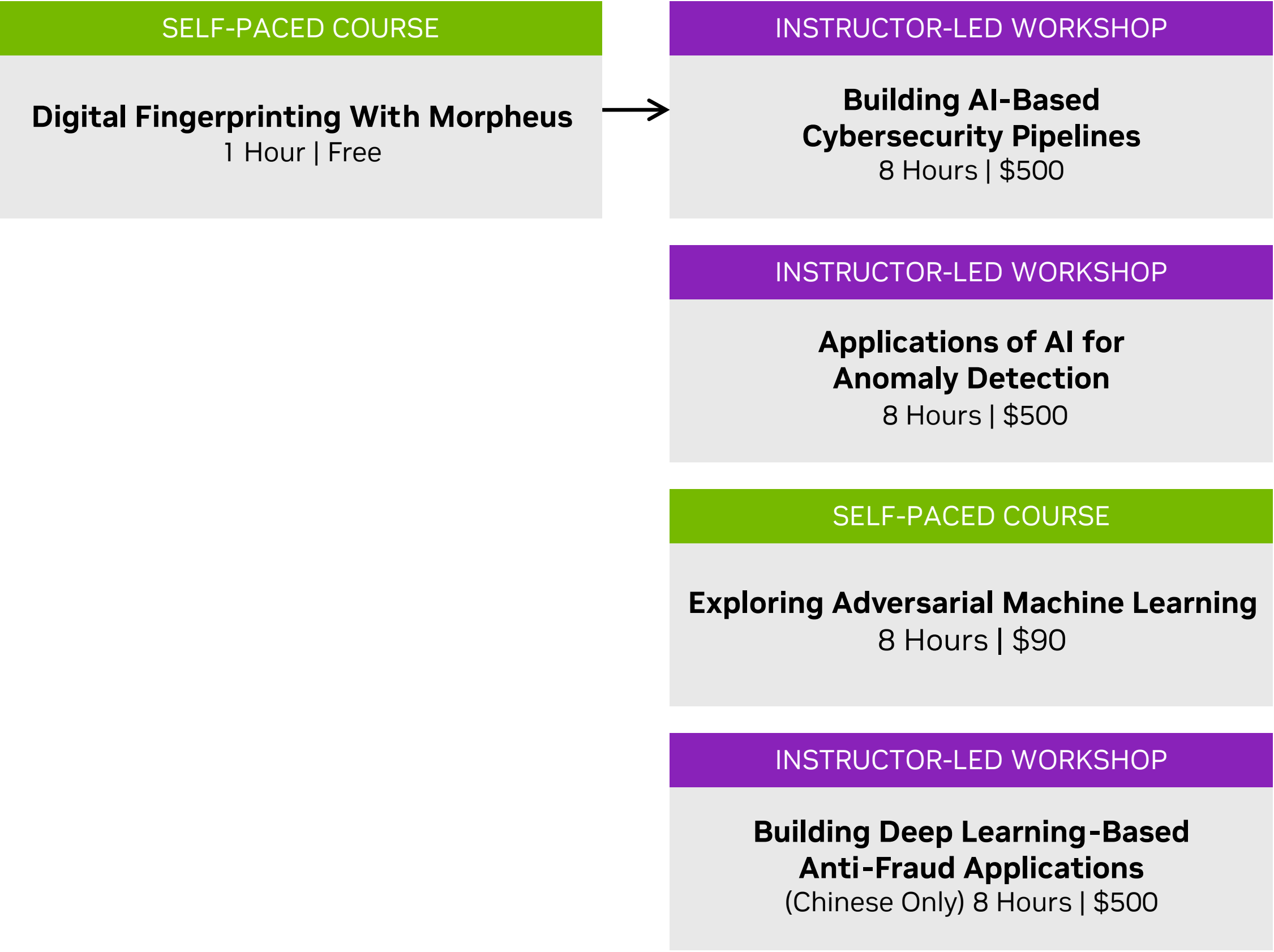
**COURSE LEGEND**

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# Cybersecurity and Fraud Detection Training

For developers



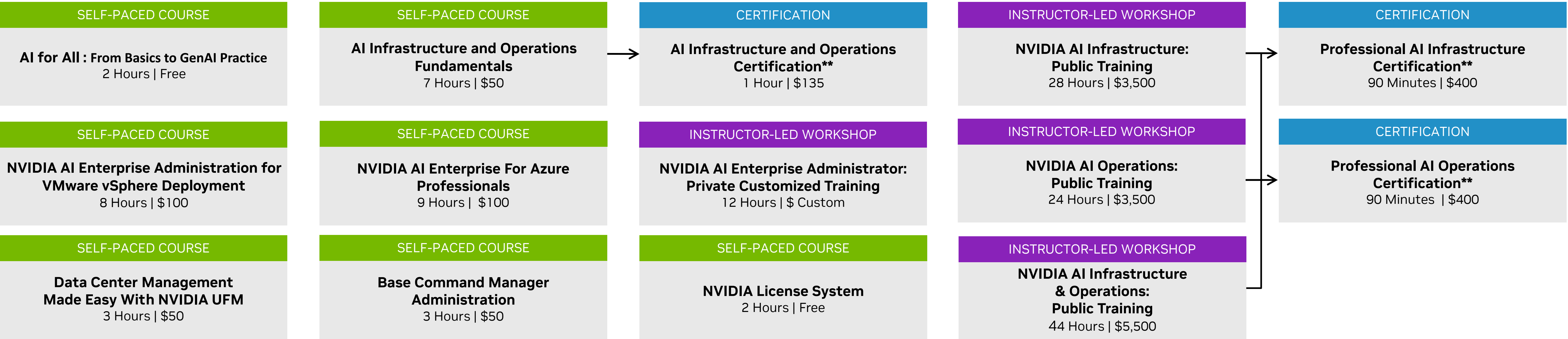
**COURSE LEGEND**

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# Data Center Overview Training

For administrators

Platform Overview.



Compute.

INSTRUCTOR-LED WORKSHOP	INSTRUCTOR-LED WORKSHOP	INSTRUCTOR-LED WORKSHOP	INSTRUCTOR-LED WORKSHOP
<b>NVIDIA DGX BasePOD Administration: Private Workshop</b> 12 Hours   \$ Custom	<b>NVIDIA DGX SuperPOD Administration: Private Workshop</b> 12 Hours   \$ Custom	<b>NVIDIA DGX System Administration: Public Workshop</b> 12 Hours   \$1,500	<b>NVIDIA DGX System Administration: Private Workshop</b> 12 Hours   \$ Custom

Networking

SELF-PACED COURSE	SELF-PACED COURSE	SELF-PACED COURSE
<b>Introduction to Networking</b> 1 Hour   Free	<b>NVIDIA BlueField DPU Administration</b> 3 Hours   \$50	<b>InfiniBand Essentials</b> 1.5 Hours   Free

Networking Software

SELF-PACED COURSE	SELF-PACED COURSE	SELF-PACED COURSE
<b>Network Administration With NVIDIA Onyx Switch System</b> 3 Hours   \$100	<b>Fundamentals of RDMA Programming</b> 4 Hours   \$50	<b>Ansible Essentials for Network Engineers</b> 3 Hours   \$50

**COURSE LEGEND**

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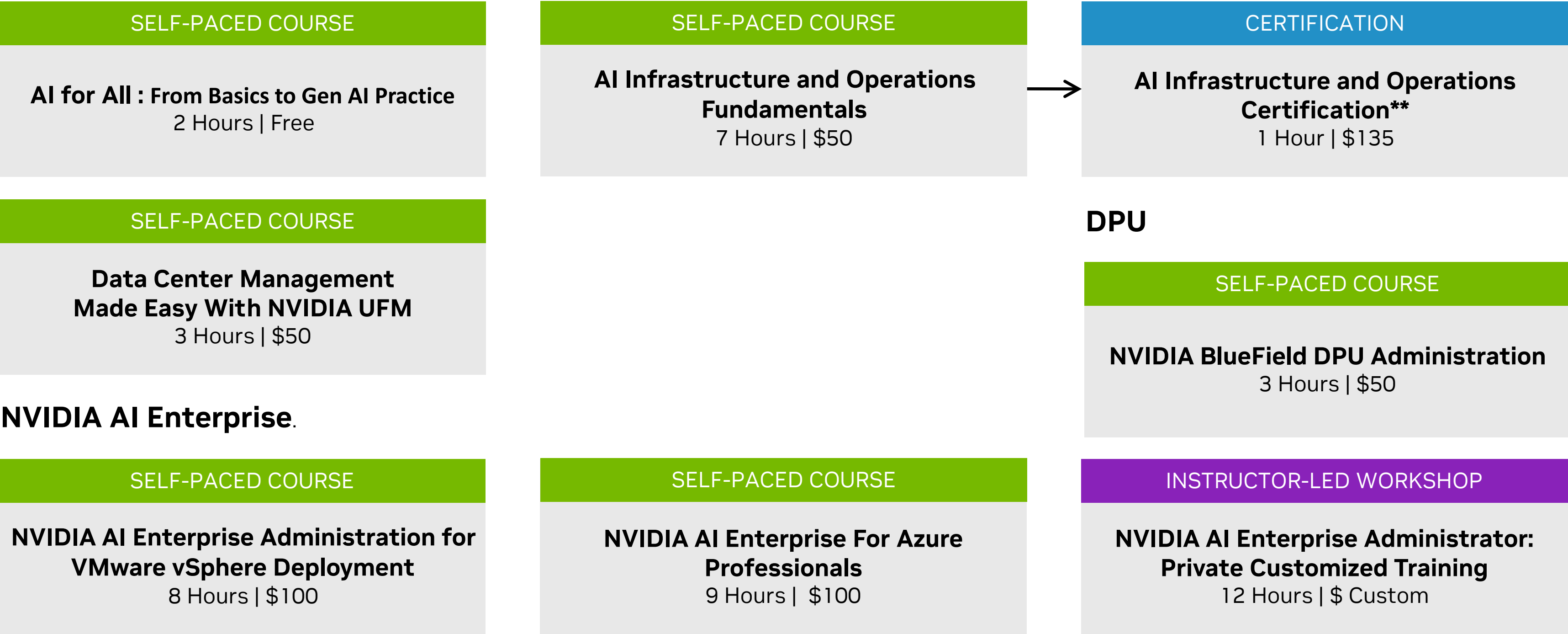




# Data Center and Cloud Training

For administrators

## Overview



## Cluster Administration

SELF-PACED COURSE

**Base Command Manager Administration**  
3 Hours | \$50

## NVIDIA DGX

INSTRUCTOR-LED WORKSHOP	INSTRUCTOR-LED WORKSHOP	INSTRUCTOR-LED WORKSHOP	INSTRUCTOR-LED WORKSHOP
<b>NVIDIA DGX System Administration: Public Workshop</b> 12 Hours   \$1,500	<b>NVIDIA DGX System Administration: Private Workshop</b> 12 Hours   \$ Custom	<b>NVIDIA DGX BasePOD Administration: Private Workshop</b> 12 Hours   \$ Custom	<b>NVIDIA DGX SuperPOD Administration: Private Workshop</b> 12 Hours   \$ Custom

## AI Infrastructure and Operations



**COURSE LEGEND**

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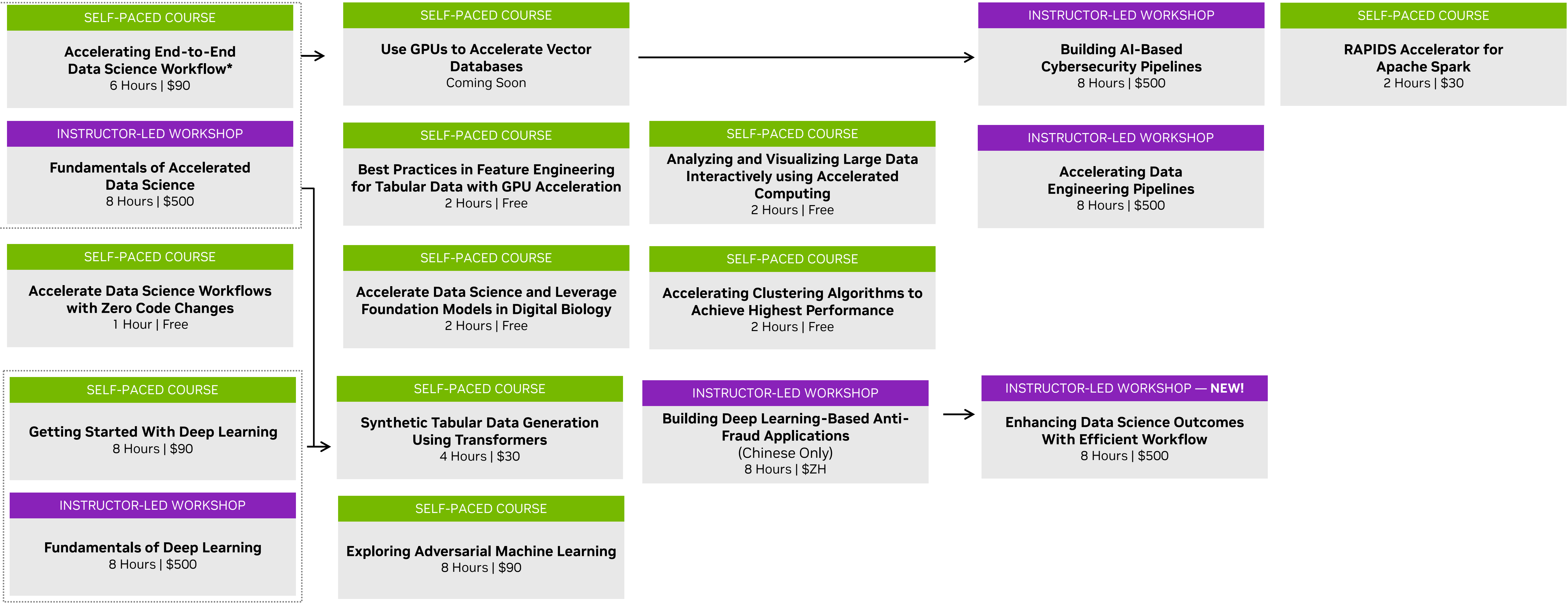
# Data Science Training

For developers

## Foundational

## Task-Specific

## Application Specific



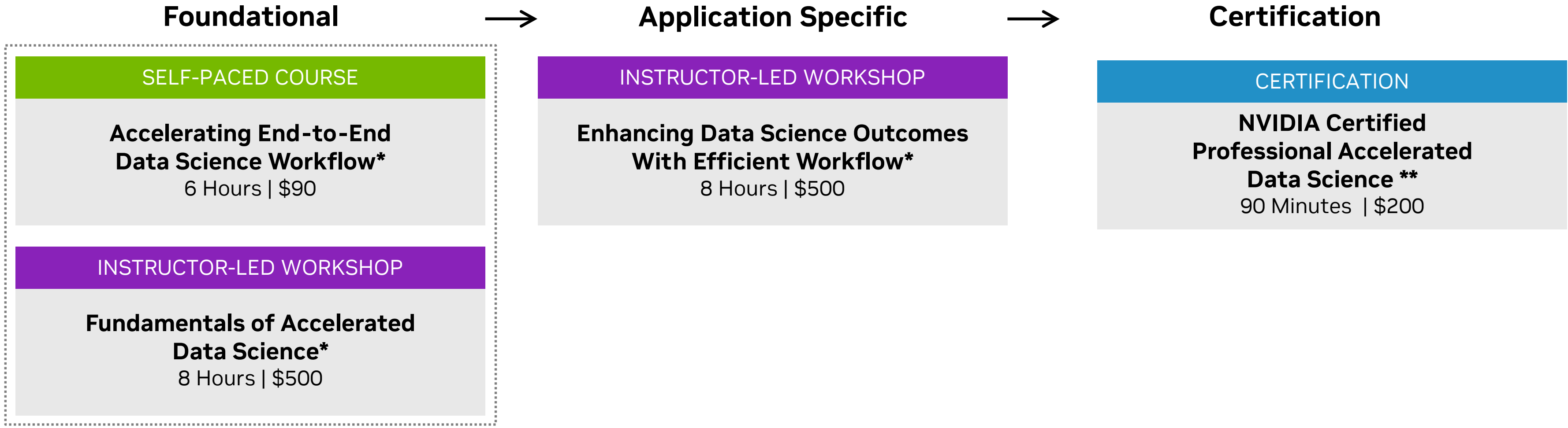
### COURSE LEGEND

- \* NVIDIA Certificate of Competency
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# Data Science Recommended Training for Certification

For developers



#### COURSE LEGEND

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# Deep Learning Training

For developers



View the full catalog of courses [here](#). For questions, contact us at [nvdli@nvidia.com](mailto:nvdli@nvidia.com). These paths are suggestions and might be modified based on skill levels and desired outcomes.  
© 2025 NVIDIA Corporation and affiliates. All rights reserved. NVIDIA constantly develops new courses and updates current content. Courses may be added and/or removed. Hyperlinks may change. 3626433 July25



# Edge Computing Training

For developers



**COURSE LEGEND**

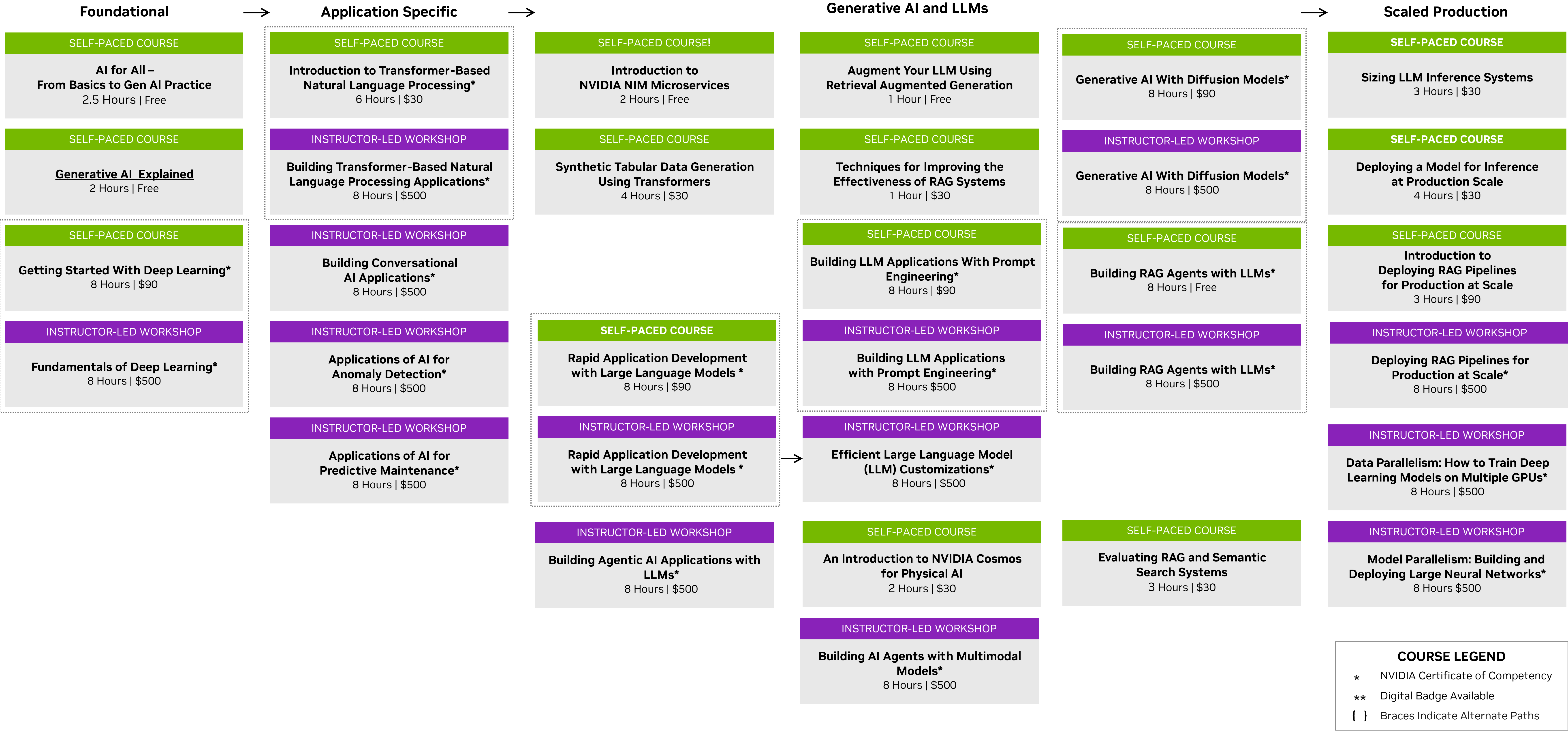
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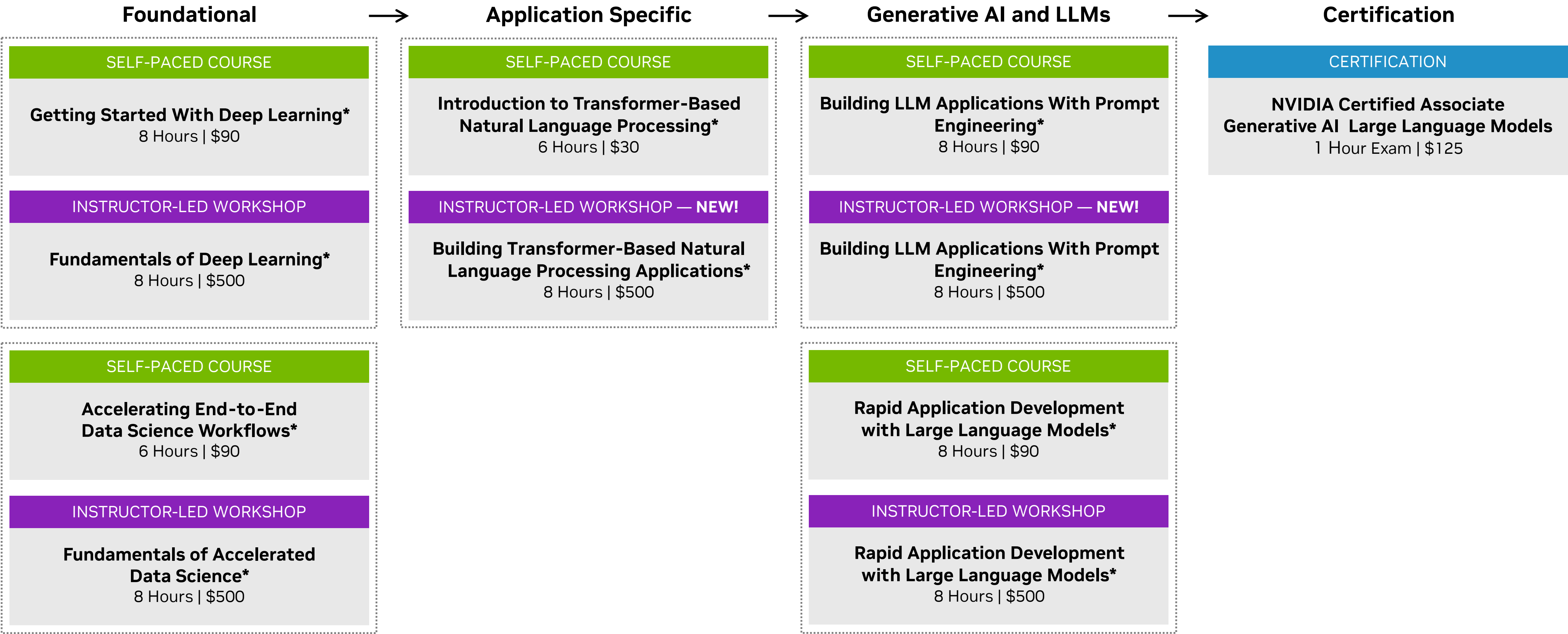


# Generative AI and Large Language Models Training

For developers



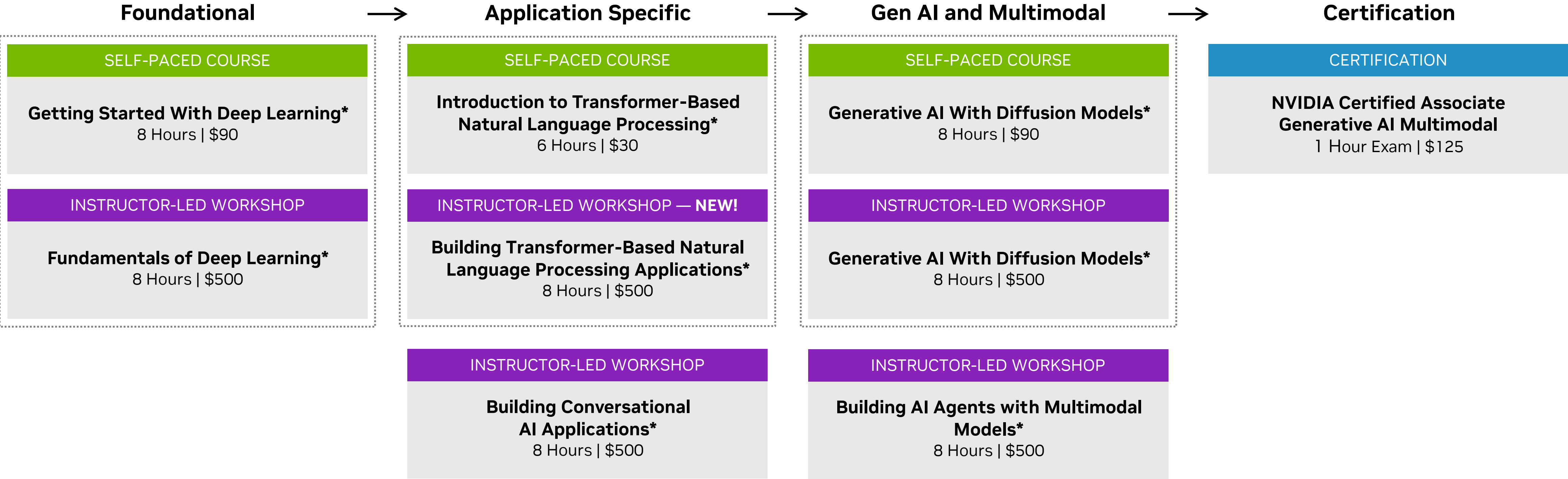
# Recommended Training for Gen AI LLM Certification



## COURSE LEGEND

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

# Recommended Training for Gen AI Multimodal Certification



## COURSE LEGEND

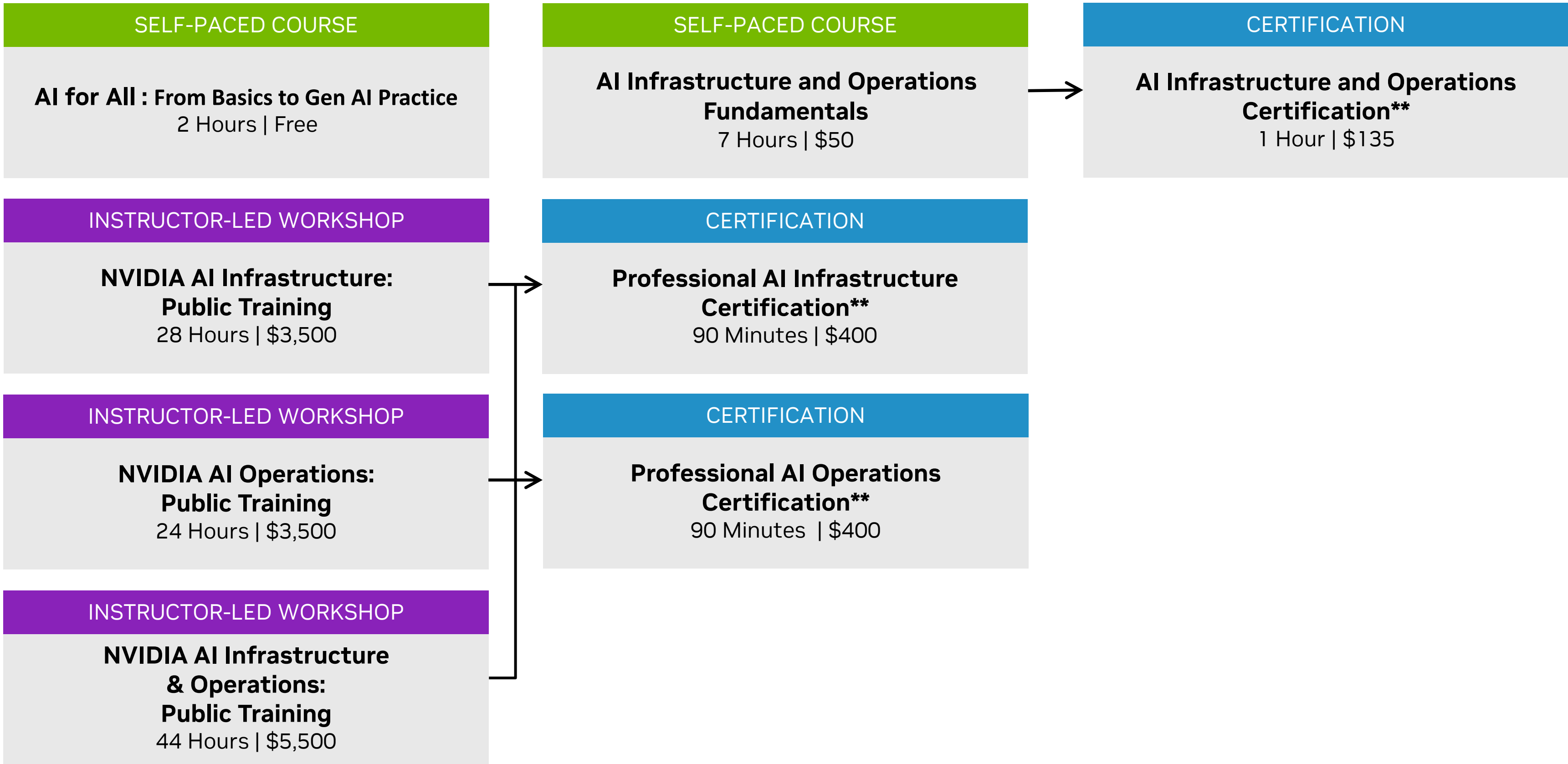
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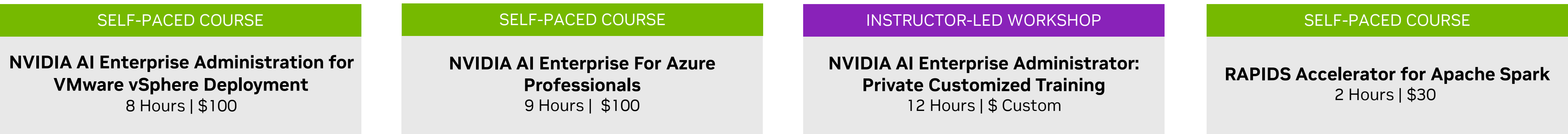
# Infrastructure for Generative AI and Large Language Models Training

For administrators

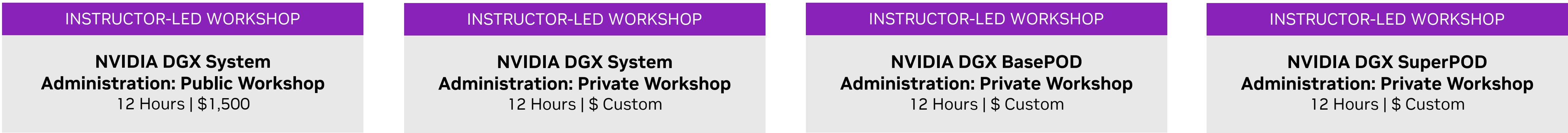
## Overview



## NVIDIA AI Enterprise



## NVIDIA DGX



## Introduction to Networking



## Additional Recommended Training



### COURSE LEGEND

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

# 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

### Manufacturing

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

### Healthcare and Life Sciences

SELF-PACED COURSE

**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

**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

INSTRUCTOR-LED WORKSHOP

**Fundamentals of Deep Learning\***  
8 Hours | \$500

SELF-PACED COURSE

**Accelerate Data Science and Leverage Foundation Models in Digital Biology**  
2 Hours | Free

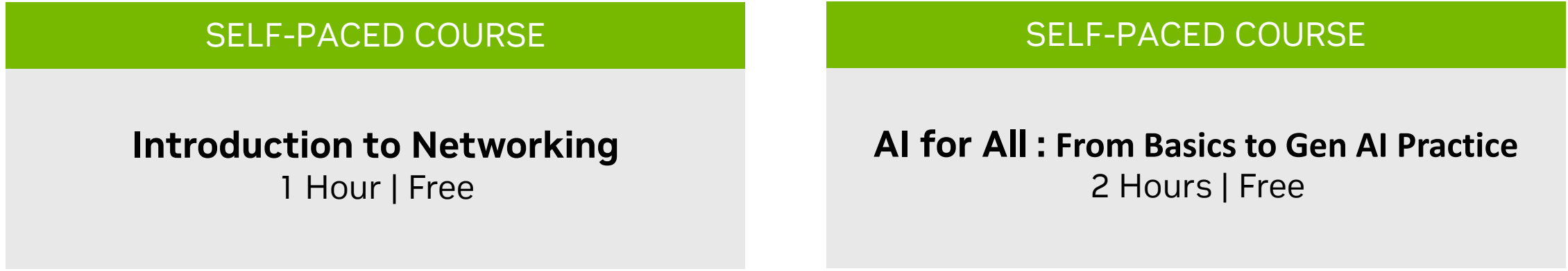
#### COURSE LEGEND

- \* NVIDIA Certificate of Competency
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# Networking Training

## For administrators

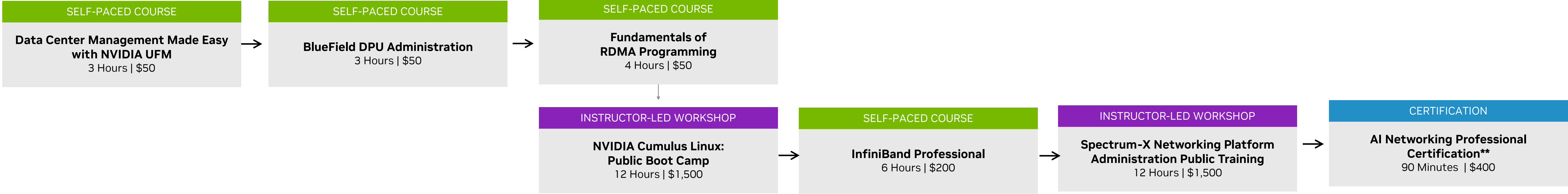
### Overview



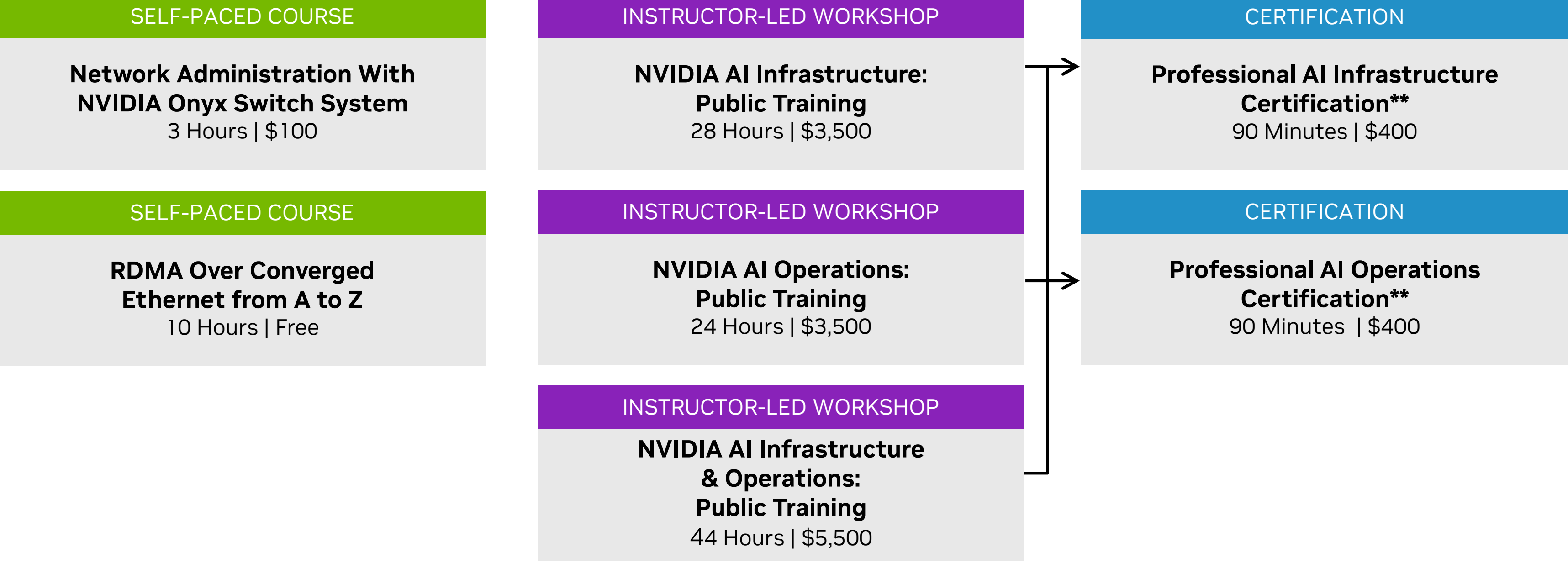
### NVIDIA Cumulus



### AI Networking



### Other



#### COURSE LEGEND

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



# Robotics

For developers

## Robotics Foundations

SELF-PACED COURSE

**A Beginner's Guide to Autonomous Robots**  
1 Hour | Free

## Synthetic Data Generation

SELF-PACED COURSE

**An Introduction to NVIDIA Cosmos for Physical AI**  
2 Hours | \$30

SELF-PACED COURSE

**Generating High-Quality Motion Data for Robotics with MobilityGen**  
1.5 Hours | Free

## Isaac ROS

SELF-PACED COURSE

**An Introduction to AI-Based Robot Development With Isaac ROS**  
1/2 Hour | Free

SELF-PACED COURSE

**Accelerating ROS 2 with NVIDIA GPU-Powered Libraries and AI Models**  
3 Hours | \$30

## Isaac Sim

SELF-PACED COURSE

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

SELF-PACED COURSE

**Developing Robots with Software-in-the-Loop (SIL) in Isaac Sim**  
2 Hours | Free

SELF-PACED COURSE

**Leveraging ROS 2 and Hardware-in-the-Loop (HIL) in Isaac Sim**  
2 Hour | Free

SELF-PACED COURSE

**Software-in-the-loop Testing for Robots with OpenUSD, Isaac SIM, and ROS**  
2 Hours | Free

SELF-PACED COURSE

**Develop, Simulate, and Deploy Robot Intelligence with Scaled Foundations**  
1 Hour | Free

## Isaac Lab

SELF-PACED COURSE

**An Introduction to Robot Learning and Isaac Lab**  
3 Hours | Free

SELF-PACED COURSE

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

SELF-PACED COURSE

**Train Your First Robot in Isaac Lab**  
2 Hours | Free

SELF-PACED COURSE

**Train Your Second Robot in Isaac Lab**  
2 Hours | Free

## Jetson Nano

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

COURSE LEGEND

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 NVIDIA Certificate of Competency

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 Digital Badge Available

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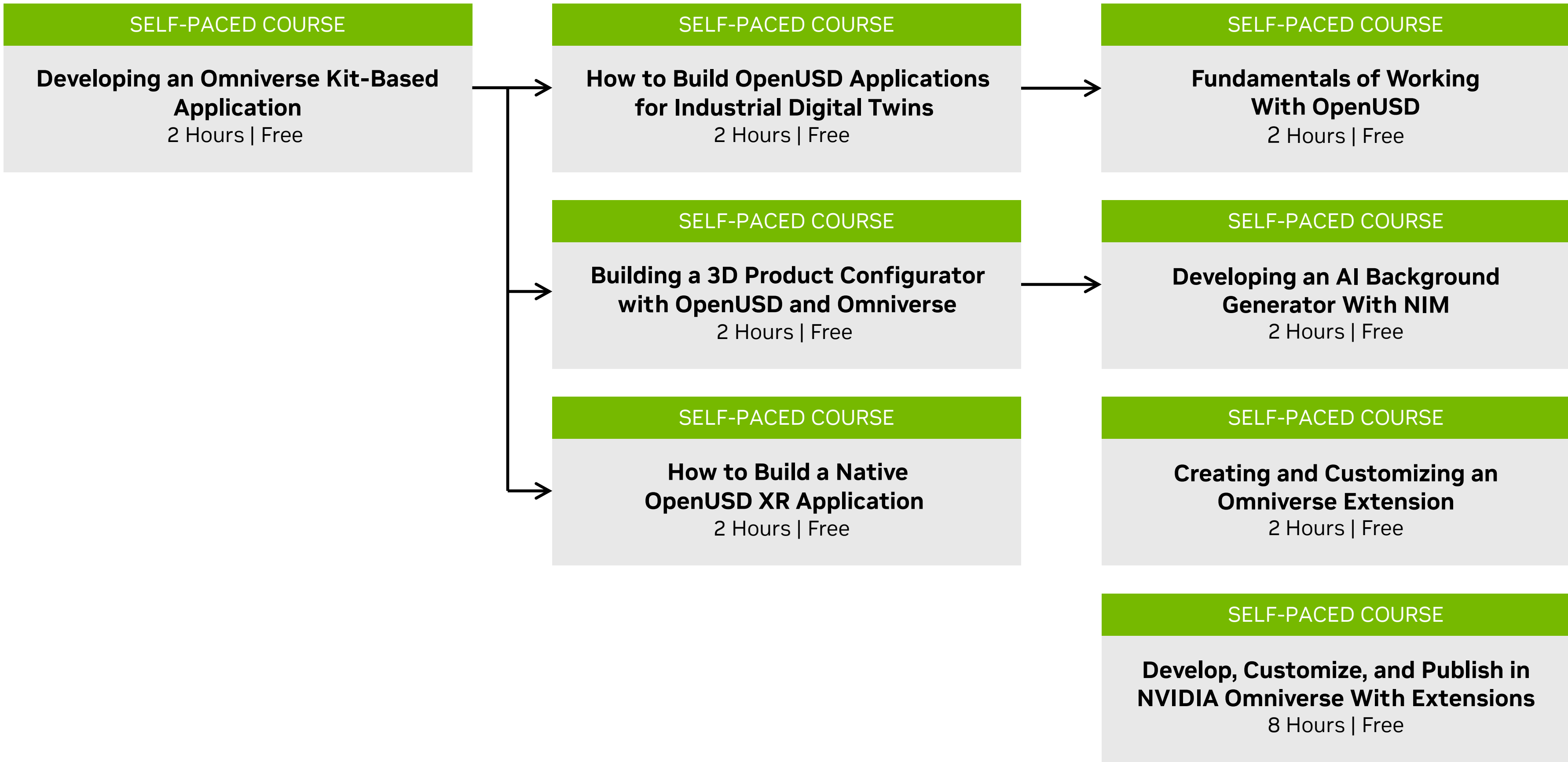
 Braces Indicate Alternate Paths



# Simulation, Modeling, and Design Training

For developers and administrators

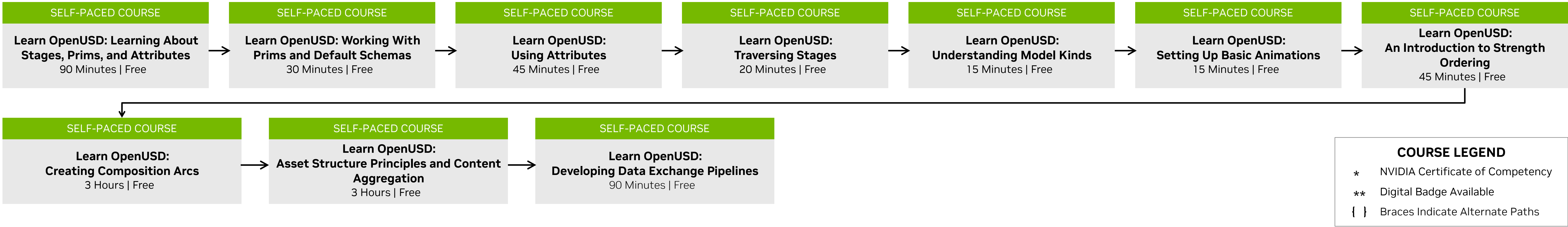
## Omniverse Kit-Based Development



## Simulation and Synthetic Data



## OpenUSD



**COURSE LEGEND**

- \* NVIDIA Certificate of Competency
- \*\* Digital Badge Available
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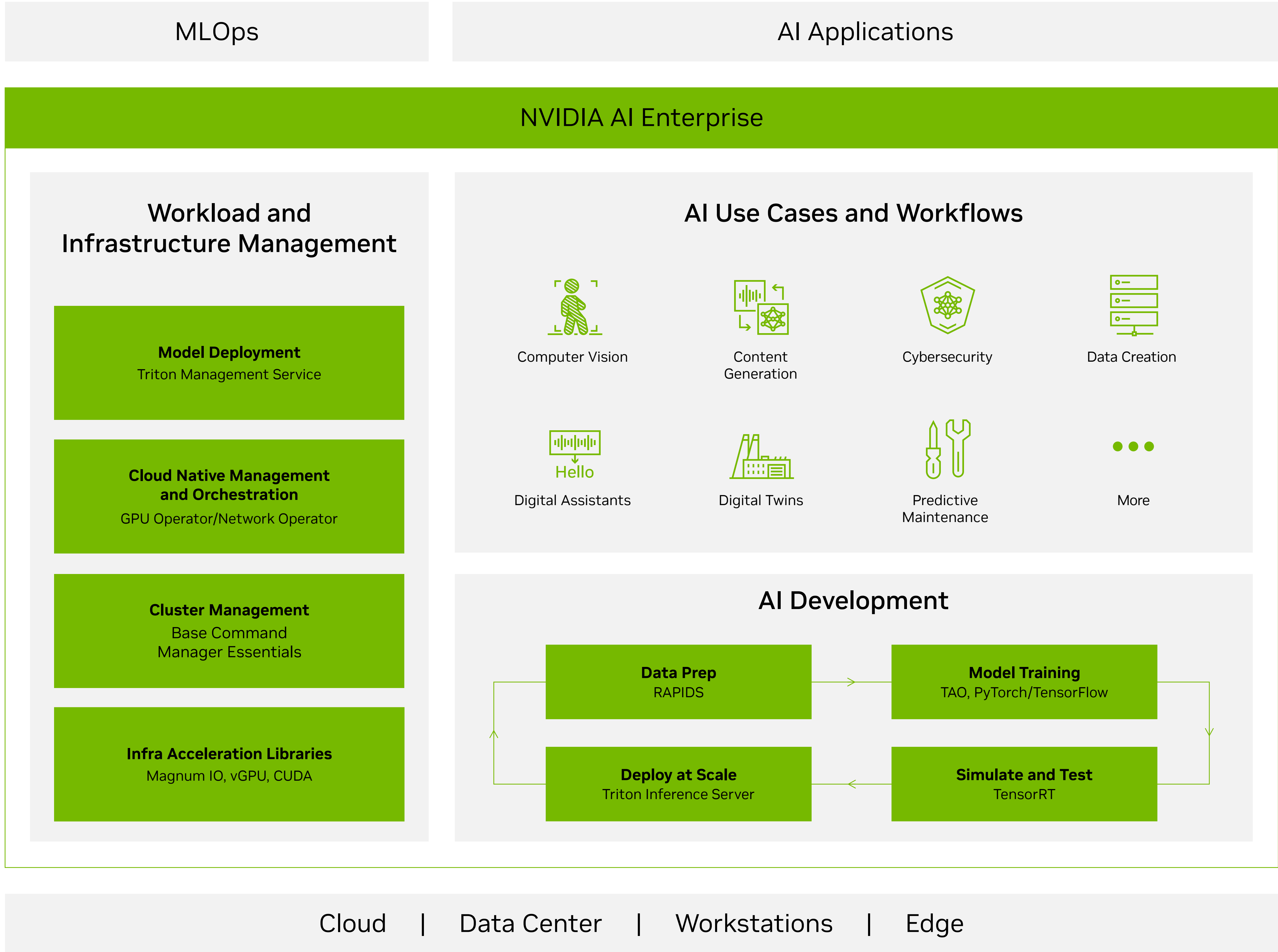


# **NVIDIA AI Enterprise Training and Certification**



# NVIDIA AI Enterprise Training and Certification

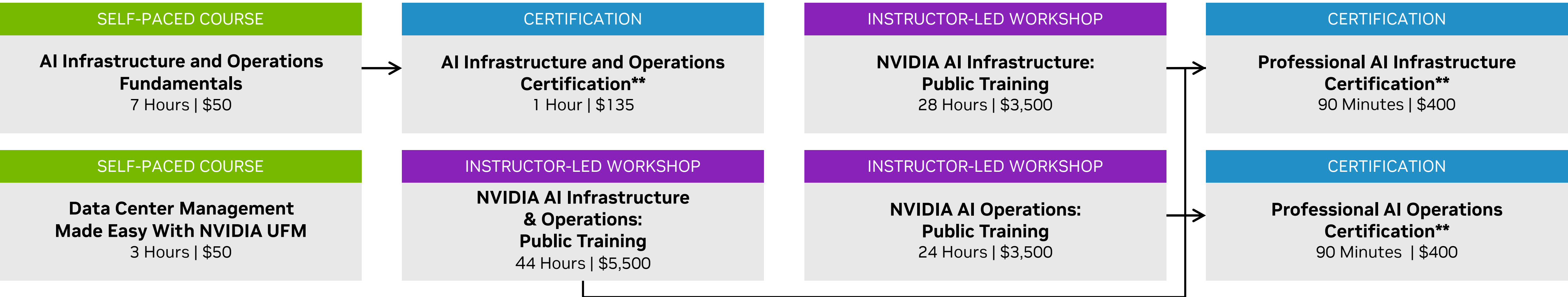
Training in three key areas



# NVIDIA AI Enterprise Training

## Workload and infrastructure management

### Fundamentals



### NVIDIA Base Command Manager

Choose the courses that best match your learning needs.

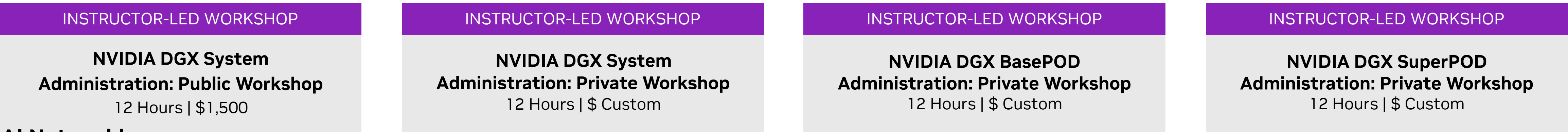


### NVIDIA AI Enterprise



### NVIDIA DGX

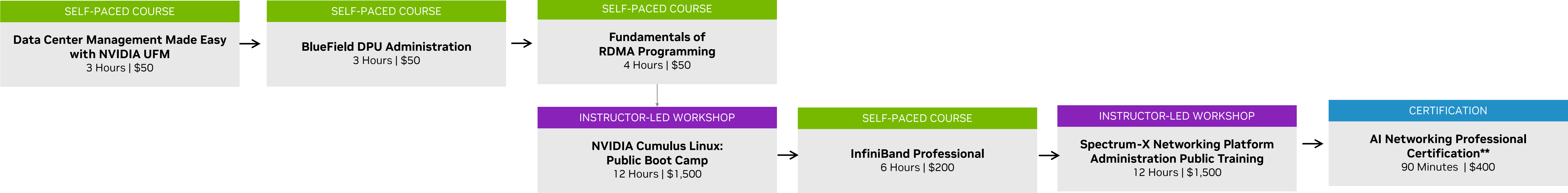
Choose the courses that best match your learning needs.



**COURSE LEGEND**

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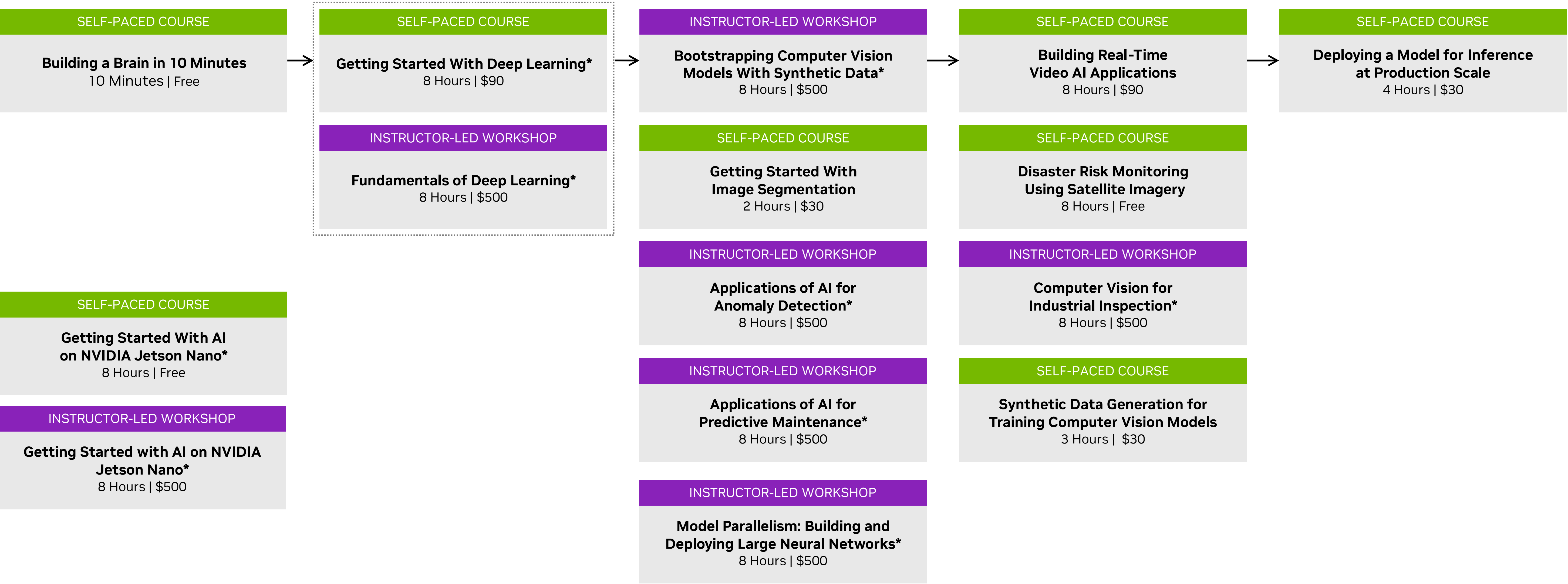
### AI Networking



# NVIDIA AI Enterprise Training

AI use cases and workflows

## Computer Vision and Video Analytics



**COURSE LEGEND**

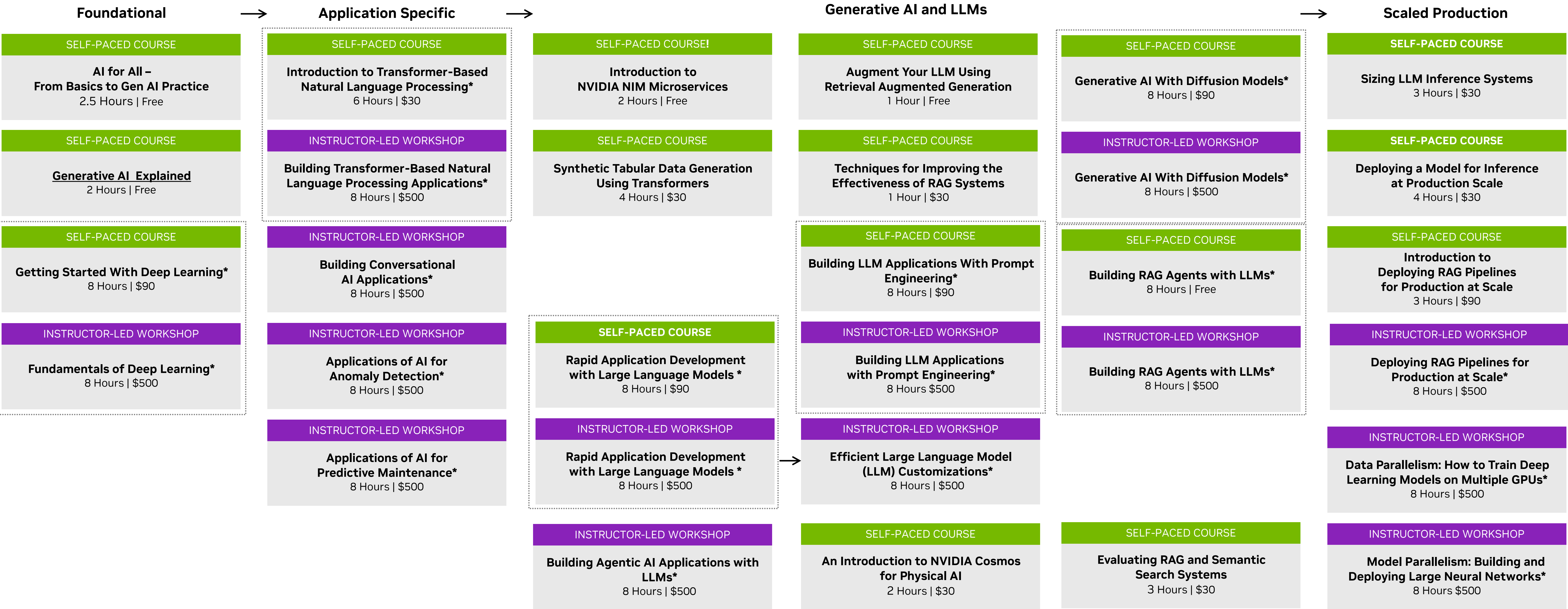
- \* NVIDIA Certificate of Competency
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# NVIDIA AI Enterprise Training

AI use cases and workflows

## Content Generation



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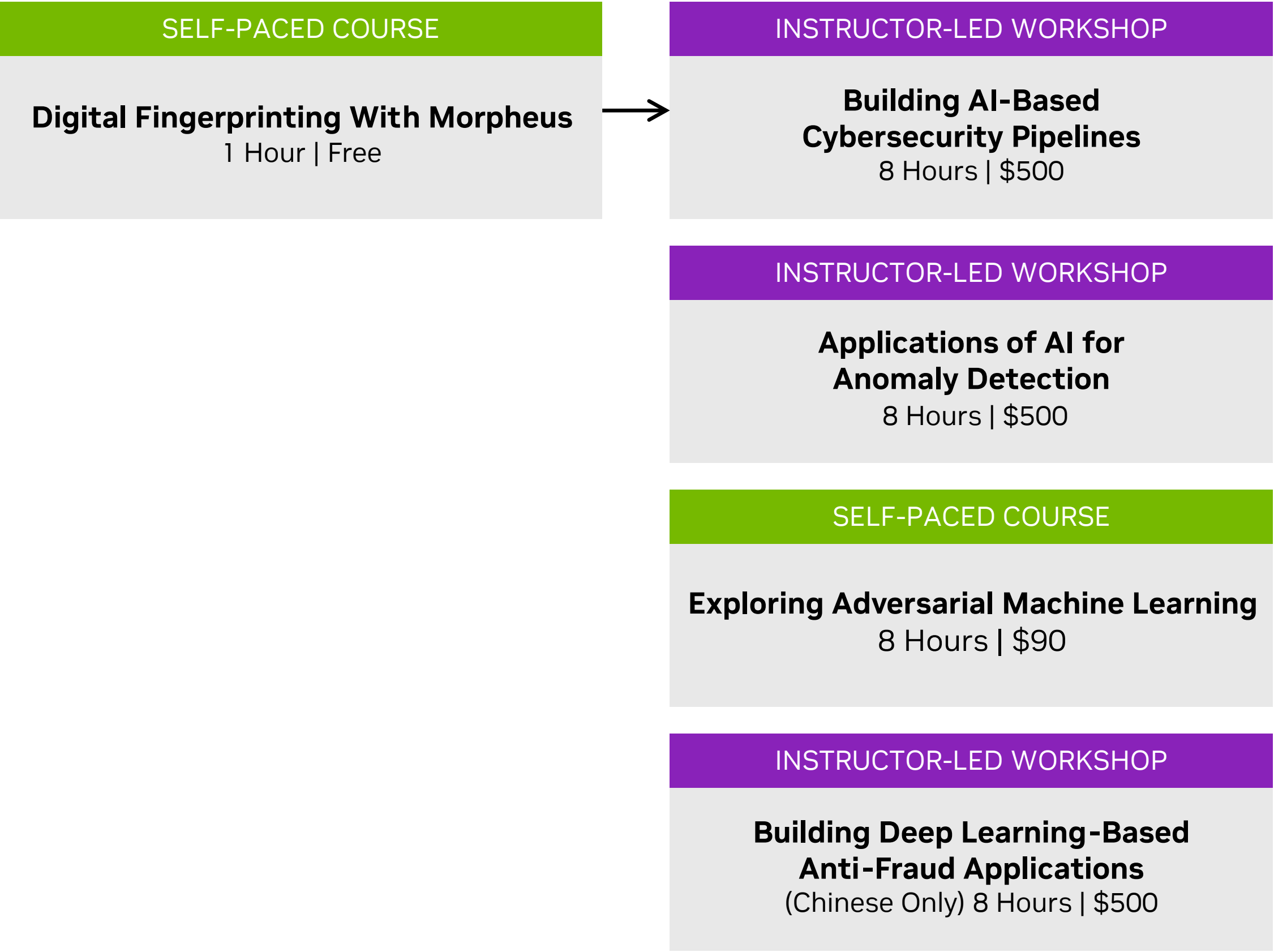
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# NVIDIA AI Enterprise Training

AI use cases and workflows

## Cybersecurity & Fraud Detection



**COURSE LEGEND**

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

# NVIDIA AI Enterprise Training

## AI use cases and workflows

### Data Creation

INSTRUCTOR-LED WORKSHOP	SELF-PACED COURSE	SELF-PACED COURSE	SELF-PACED COURSE	SELF-PACED COURSE
<b>Bootstrapping Computer Vision Models With Synthetic Data*</b> 8 Hours   \$500	<b>Analyzing and Visualizing Large Data Interactively using Accelerated Computing</b> 2 Hours   Free	<b>Synthetic Tabular Data Generation Using Transformers</b> 4 Hours   \$30	<b>Synthetic Data Generation for Perception Model Training in Isaac Sim</b> 1 Hour   Free	<b>Synthetic Data Generation for Training Computer Vision Models</b> 3 Hours   \$30

### Digital Assistants

SELF-PACED COURSE	SELF-PACED COURSE		
<b>AI for All – From Basics to Gen AI Practice</b> 2.5 Hours   Free	<b>Introduction to Transformer-Based Natural Language Processing*</b> 6 Hours   \$30		
SELF-PACED COURSE	INSTRUCTOR-LED WORKSHOP	INSTRUCTOR-LED WORKSHOP	INSTRUCTOR-LED WORKSHOP
<b><u>Generative AI Explained</u></b> 2 Hours   Free	<b>Building Transformer-Based Natural Language Processing Applications*</b> 8 Hours   \$500	<b>Data Parallelism: How to Train Deep Learning Models on Multiple GPUs*</b> 8 Hours   \$500	<b>Building Digital Avatar Pipelines With Omniverse Audio2Face and Riva*</b> (Chinese) 8 Hours   \$500
SELF-PACED COURSE	INSTRUCTOR-LED WORKSHOP	INSTRUCTOR-LED WORKSHOP	
<b>Getting Started With Deep Learning*</b> 8 Hours   \$90	<b>Building Conversational AI Applications*</b> 8 Hours   \$500	<b>Model Parallelism: Building and Deploying Large Neural Networks*</b> 8 Hours   \$500	
INSTRUCTOR-LED WORKSHOP			
<b>Fundamentals of Deep Learning*</b> 8 Hours   \$500			

**COURSE LEGEND**

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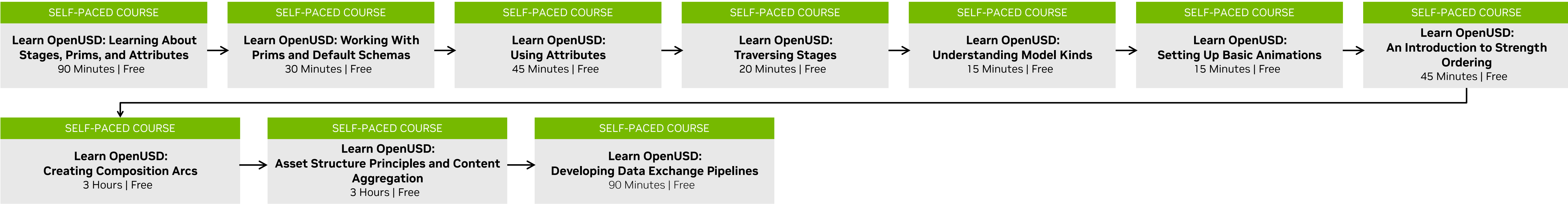


# NVIDIA AI Enterprise Training

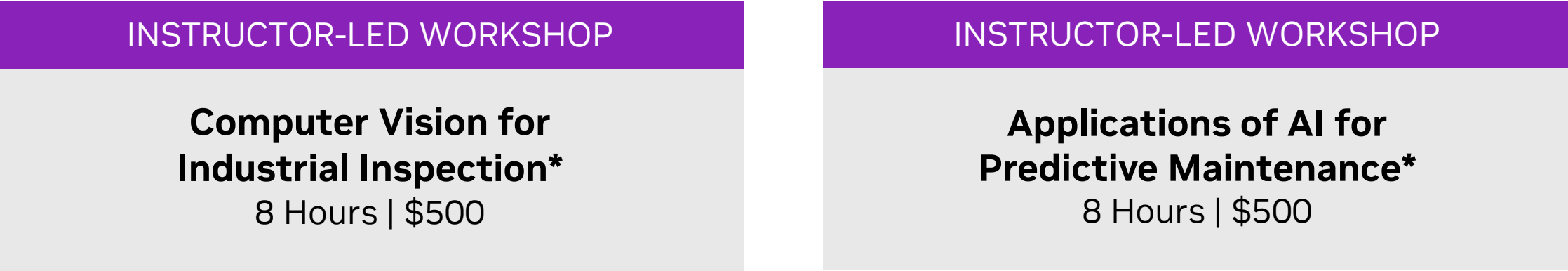
AI use cases and workflows

## Digital Twins

### OpenUSD Fundamentals



## Predictive Maintenance



**COURSE LEGEND**

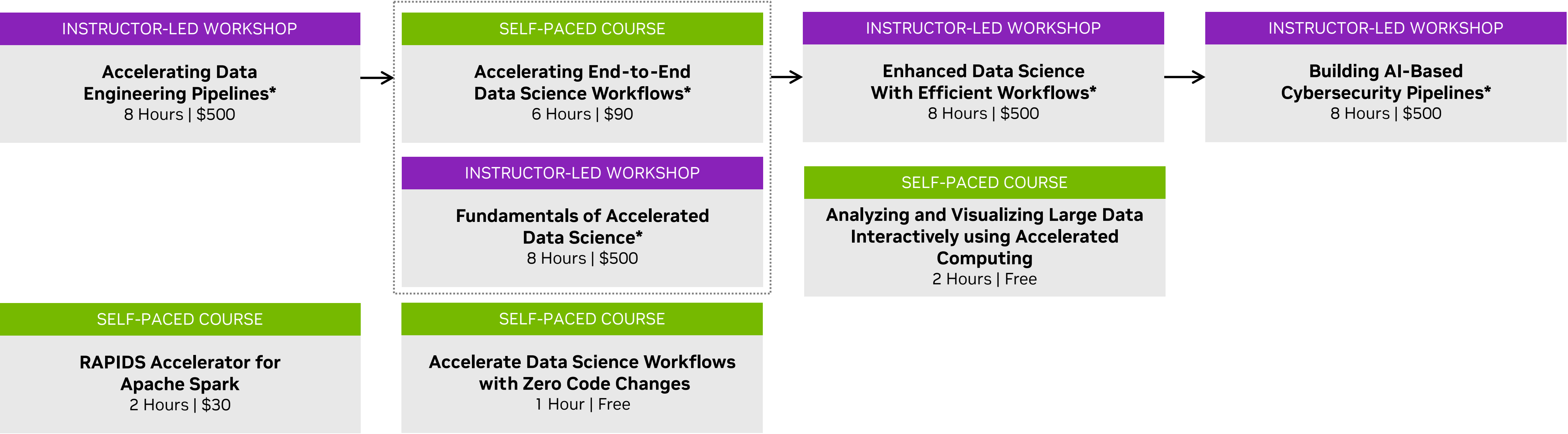
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# NVIDIA AI Enterprise Training

AI development

## Data Prep (Rapids)



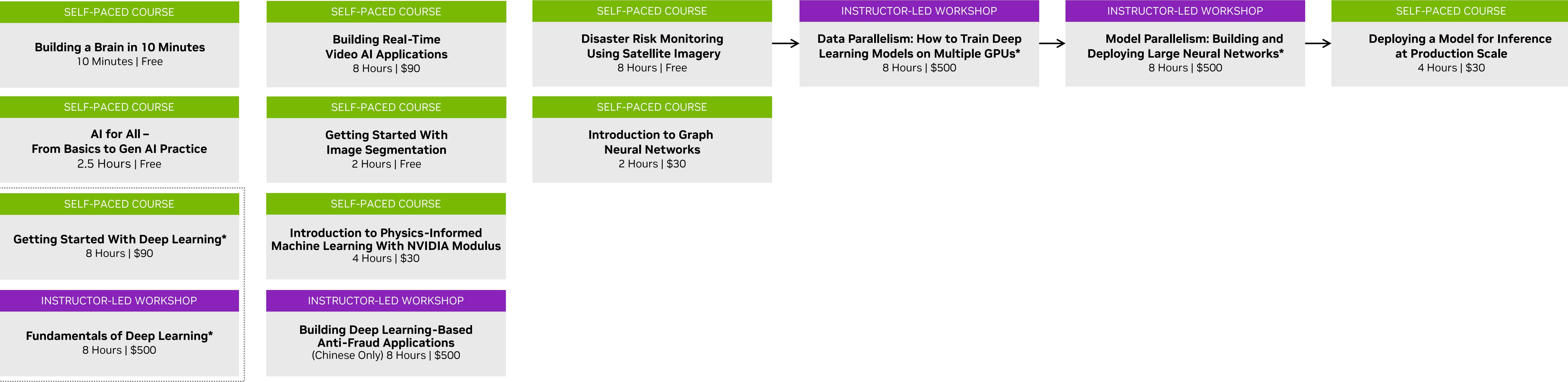
### COURSE LEGEND

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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)

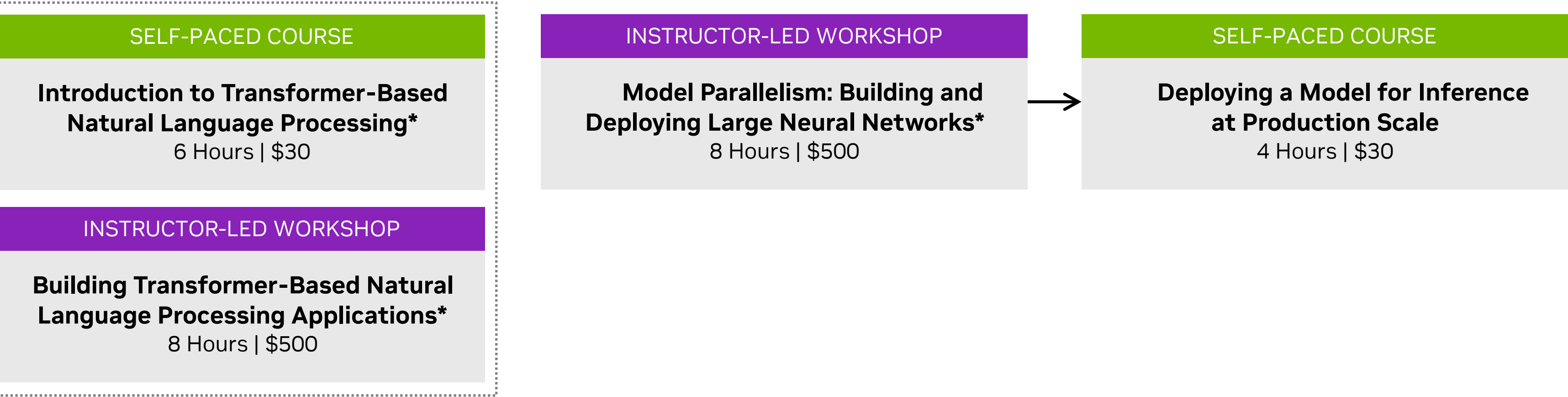
SELF-PACED COURSE	SELF-PACED COURSE
<b>Building Real-Time Video AI Applications</b> 8 Hours   \$90	<b>Deploying a Model for Inference at Production Scale</b> 4 Hours   \$30
SELF-PACED COURSE	
<b>Disaster Risk Monitoring Using Satellite Imagery</b> 8 Hours   Free	
INSTRUCTOR-LED WORKSHOP	
<b>Computer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

COURSE LEGEND	
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{ }	Braces Indicate Alternate Paths

# NVIDIA AI Enterprise Training

AI development

## Deploy & Scale (Triton)



**COURSE LEGEND**

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