



Learning Paths for Developers and Administrators

May 2024

Learning Paths by Role and Topic

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Simulation, Data Modeling, and Design	

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

Accelerated Computing Training

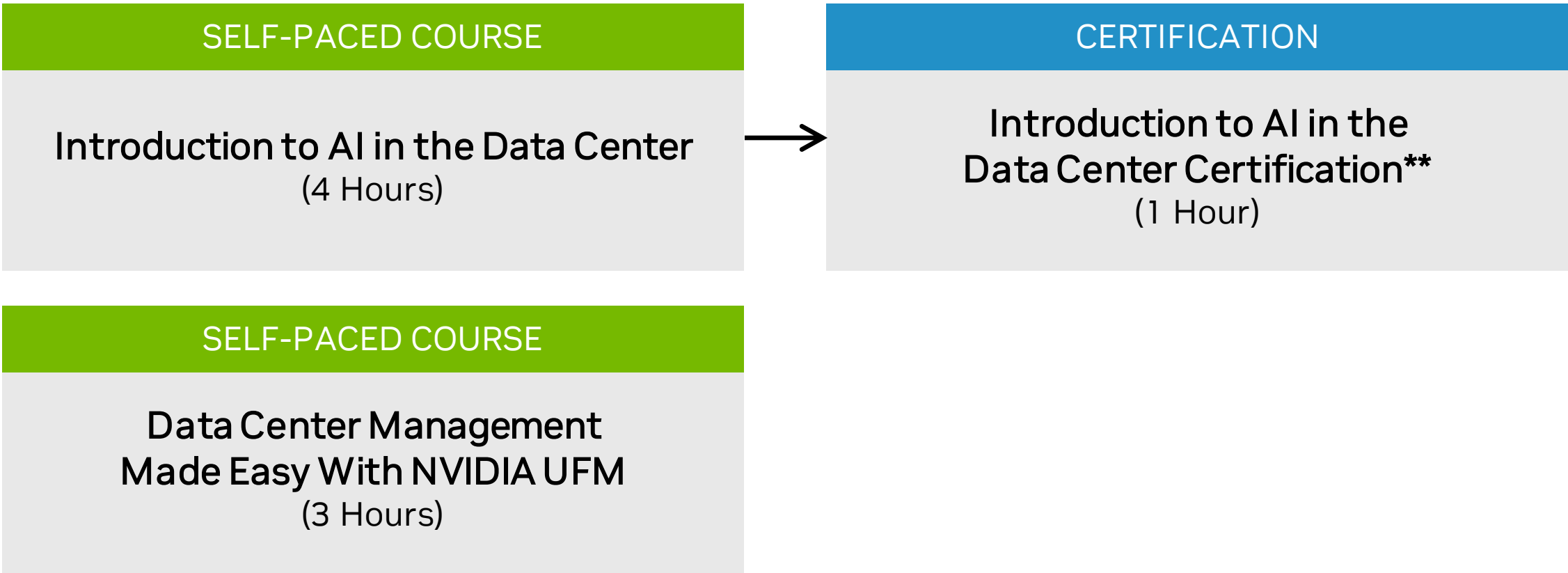
For Developers



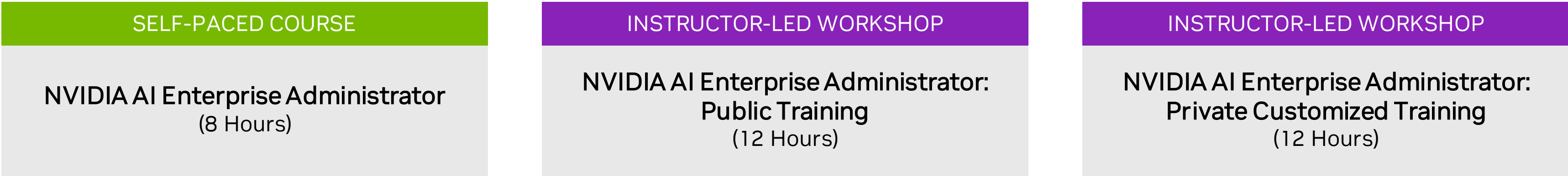
Accelerated Computing Training

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.



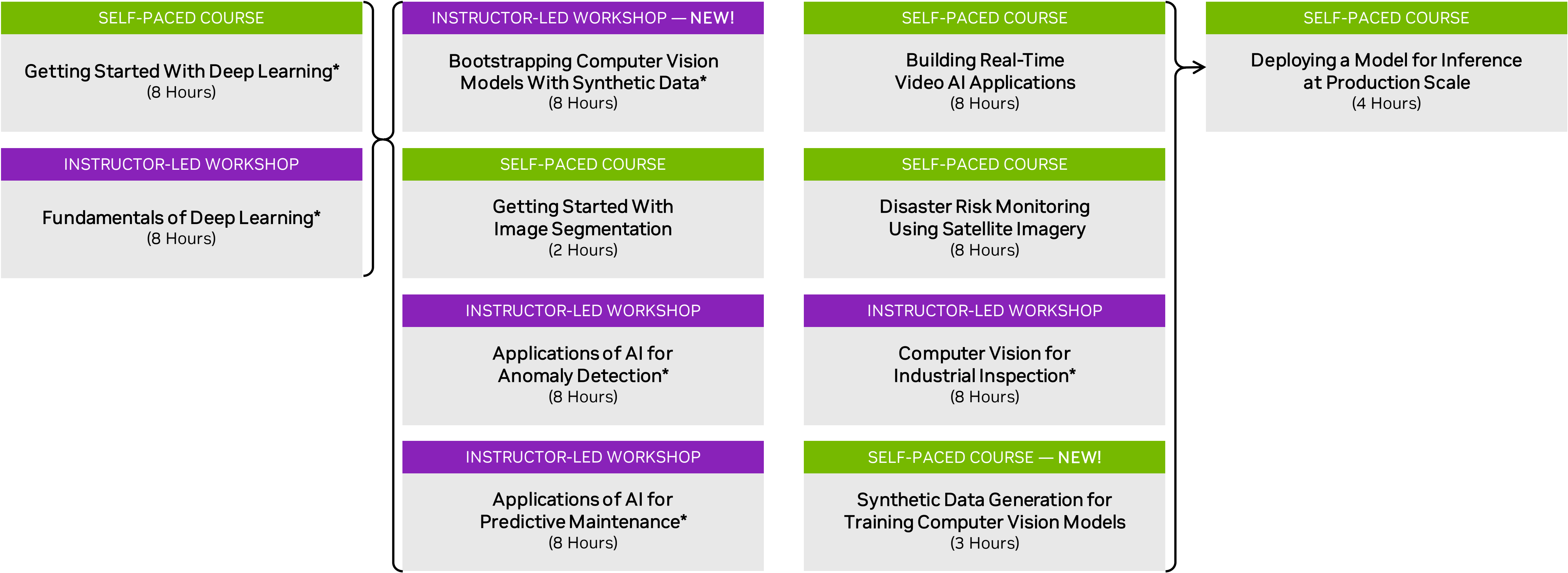
COURSE LEGEND

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



Computer Vision and Video Analytics Training

For Developers



SELF-PACED COURSE

Getting Started With AI on NVIDIA Jetson Nano*
(8 Hours)

COURSE LEGEND

*

 NVIDIA Certificate of Competency

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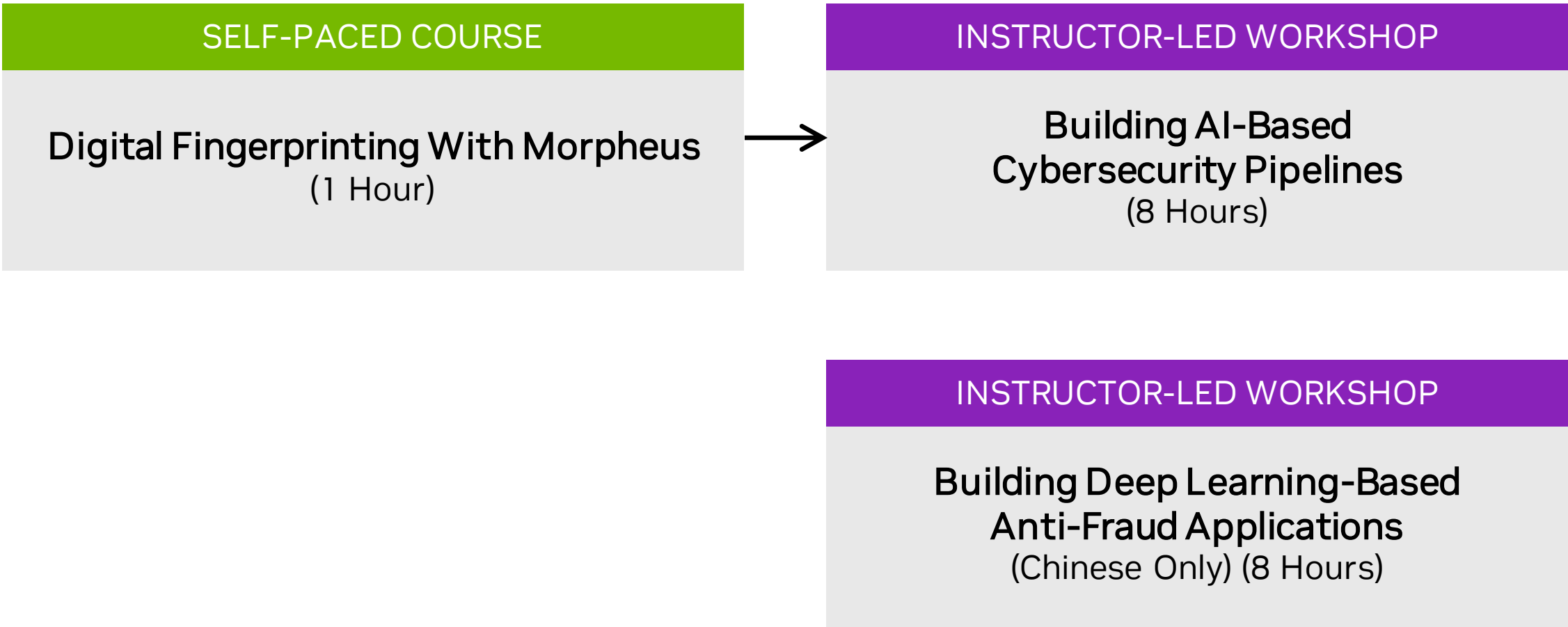
 Digital Badge Available

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 Braces Indicate Alternate Paths

Cybersecurity and Fraud Detection Training

For Developers



COURSE LEGEND

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Data Center Overview Training

For Administrators

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

SELF-PACED COURSE

Introduction to AI in the Data Center
(4 Hours)

SELF-PACED COURSE

NVIDIA AI Enterprise Administrator
(8 Hours)

INSTRUCTOR-LED WORKSHOP

NVIDIA AI Enterprise Administrator:
Private Customized Training
(12 Hours)

INSTRUCTOR-LED WORKSHOP

NVIDIA AI Enterprise Administrator:
Public Training
(12 Hours)

SELF-PACED COURSE

Introduction to NVIDIA
Base Command Manager
(3 Hours)

SELF-PACED COURSE

NVIDIA License System
(2 Hours)

SELF-PACED COURSE

Data Center Management
Made Easy With NVIDIA UFM
(3 Hours)

Compute Choose the courses that best match your learning needs.

INSTRUCTOR-LED WORKSHOP

NVIDIA DGX BasePOD
Administration: Private Workshop
(12 Hours)

INSTRUCTOR-LED WORKSHOP

NVIDIA DGX SuperPOD
Administration: Private Workshop
(12 Hours)

INSTRUCTOR-LED WORKSHOP

NVIDIA DGX H100 / A100
Administration: Public Workshop
(12 Hours)

INSTRUCTOR-LED WORKSHOP

NVIDIA DGX H100 / A100
Administration: Private Workshop
(12 Hours)

Networking Choose the courses that best match your learning needs.

SELF-PACED COURSE

Introduction to Networking
(1 Hour)

SELF-PACED COURSE

NVIDIA BlueField DPU Administration
(3 Hours)

SELF-PACED COURSE

InfiniBand Essentials
(1.5 Hours)

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

SELF-PACED COURSE

Introduction to NVIDIA DOCA for DPUs
(2 Hours)

SELF-PACED COURSE

Network Administration With
NVIDIA Onyx Switch System
(3 Hours)

SELF-PACED COURSE

Fundamentals of RDMA Programming
(4 Hours)

SELF-PACED COURSE

Ansible Essentials for
Network Engineers
(3 Hours)

COURSE LEGEND

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 NVIDIA Certificate of Competency

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 Digital Badge Available

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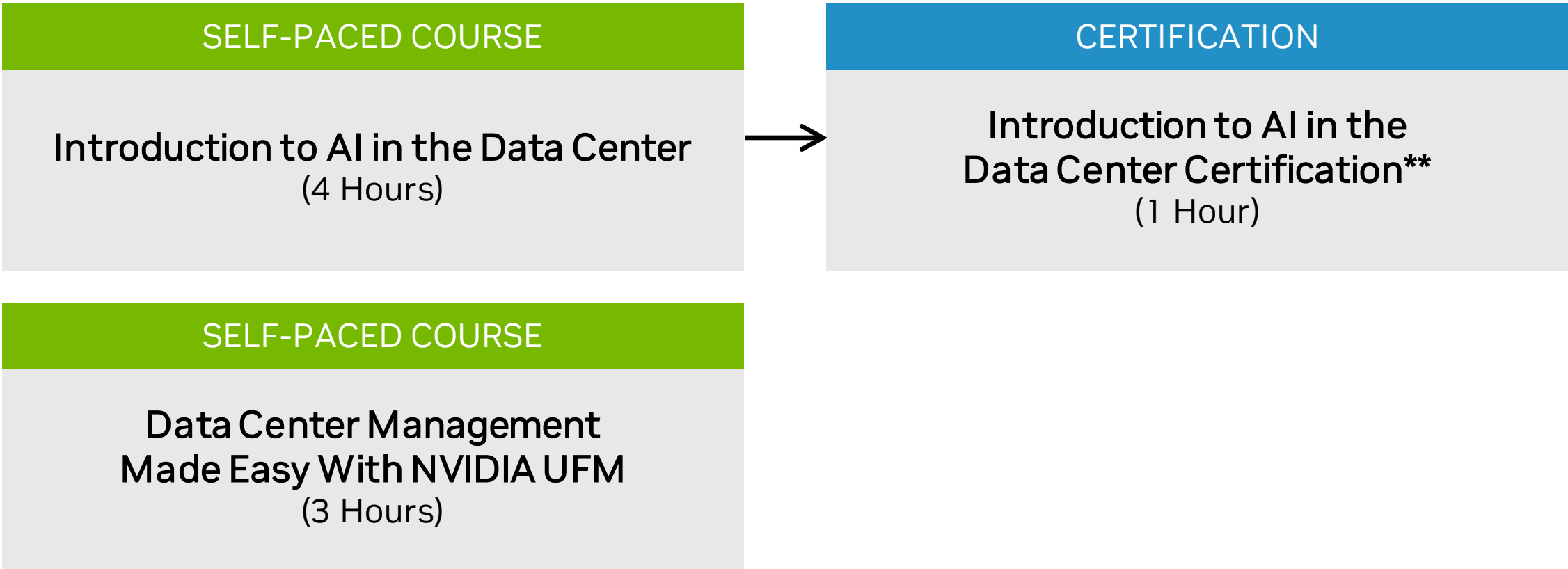
 Braces Indicate Alternate Paths



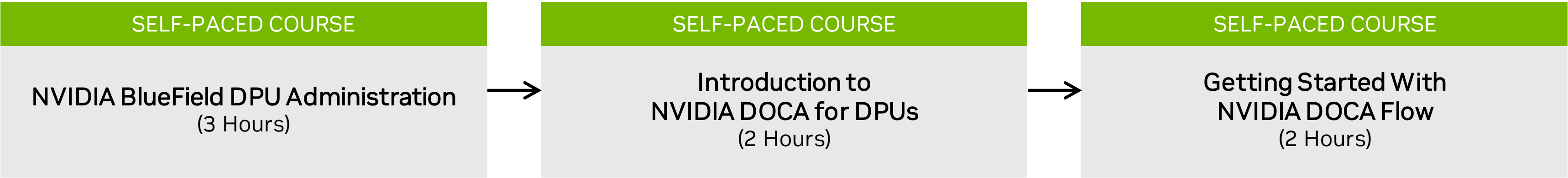
Data Center and Cloud Training

For Administrators

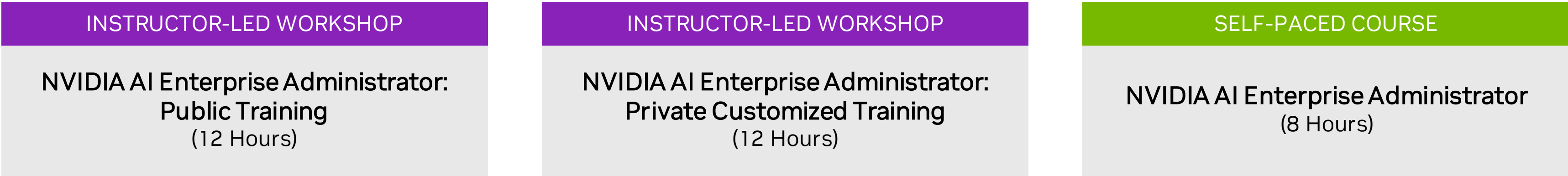
Overview



DPU and DOCA



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



Cluster Administration



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

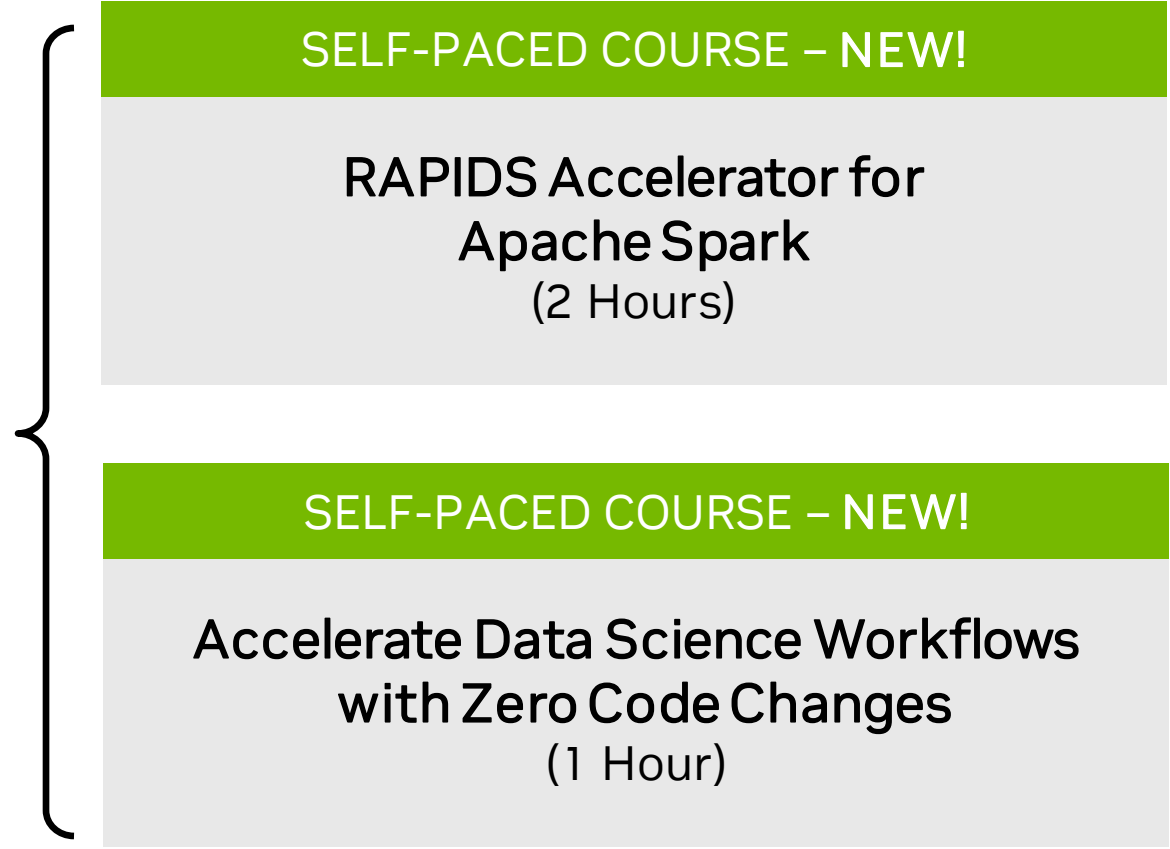
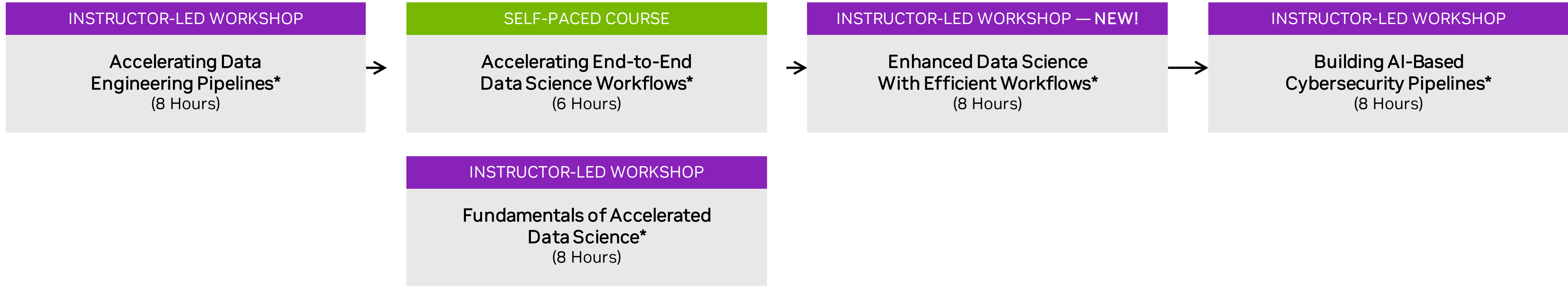


COURSE LEGEND

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- { } Braces Indicate Alternate Paths

Data Science Training

For Developers



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



Deep Learning Training

For Developers



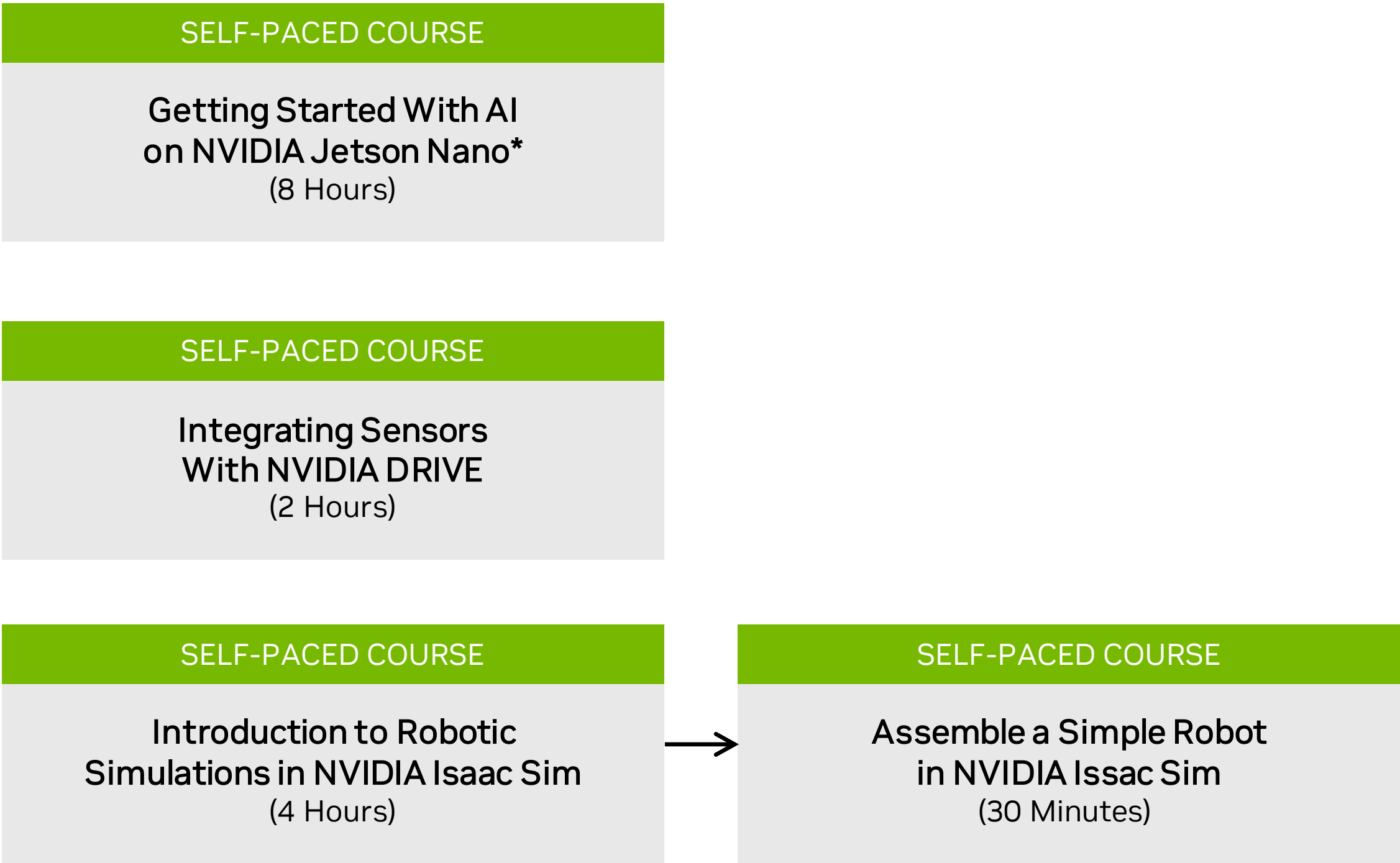
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Edge Computing Training

For Developers



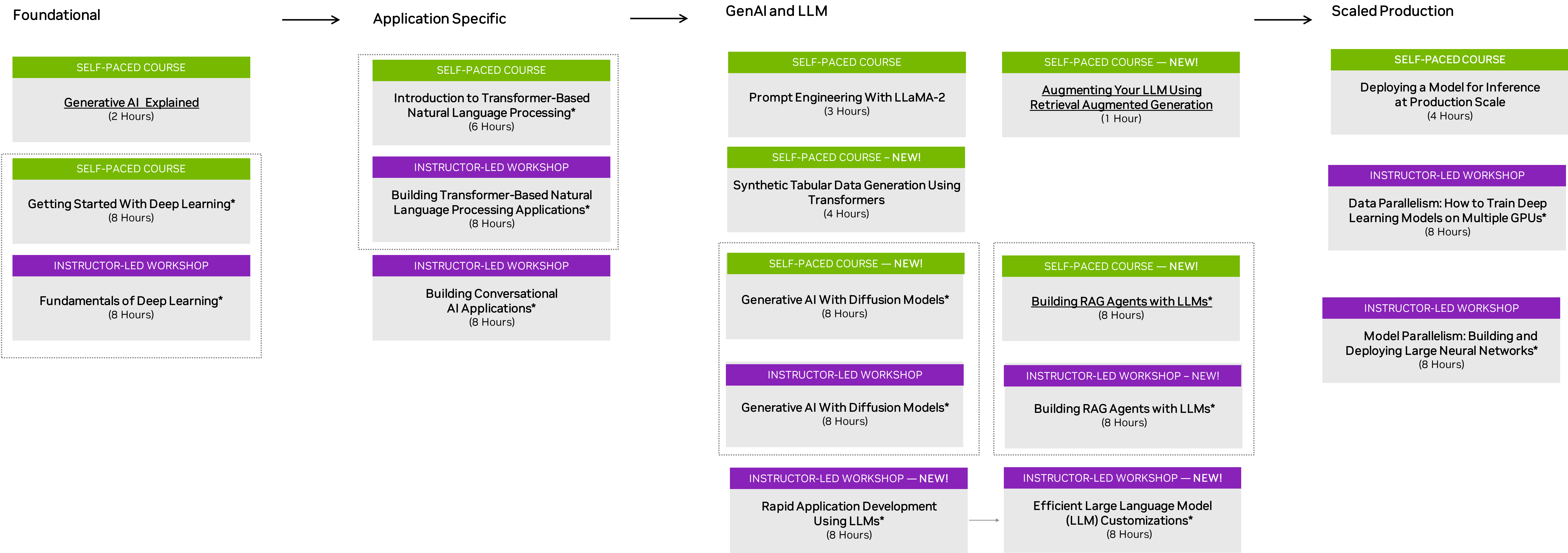
COURSE LEGEND

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Generative AI and Large Language Models Training

For Developers



COURSE LEGEND

- * NVIDIA Certificate of Competency
- ** Digital Badge Available
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Recommended Training for Gen AI LLM Certification

Foundational

SELF-PACED COURSE — NEW!

Generative AI Explained
(2 Hours)

SELF-PACED COURSE

Getting Started With Deep Learning*
(8 Hours)

INSTRUCTOR-LED WORKSHOP

Fundamentals of Deep Learning*
(8 Hours)

SELF-PACED COURSE

Accelerating End-to-End Data Science Workflows*
(6 Hours)

INSTRUCTOR-LED WORKSHOP

Fundamentals of Accelerated Data Science*
(8 Hours)

Application Specific

SELF-PACED COURSE

Introduction to Transformer-Based Natural Language Processing*
(6 Hours)

Gen AI and LLM

SELF-PACED COURSE

Prompt Engineering With LLaMA-2
(3 Hours)

SELF-PACED COURSE — NEW!

Augmenting Your LLM Using Retrieval Augmented Generation
(1 Hour)

SELF-PACED COURSE — NEW!

Building RAG Agents with LLMs*
(8 Hours)

INSTRUCTOR-LED WORKSHOP — NEW!

Building RAG Agents with LLMs*
(8 Hours)

INSTRUCTOR-LED WORKSHOP — NEW!

Rapid Application Development Using LLMs*
(8 Hours)

SELF-PACED COURSE — NEW!

Generative AI With Diffusion Models*
(8 Hours)

INSTRUCTOR-LED WORKSHOP — NEW!

Generative AI With Diffusion Models*
(8 Hours)

INSTRUCTOR-LED WORKSHOP — NEW!

Efficient Large Language Model (LLM) Customizations*
(8 Hours)

Certification

CERTIFICATION

Generative AI Large Language Models
(1 Hour Exam)

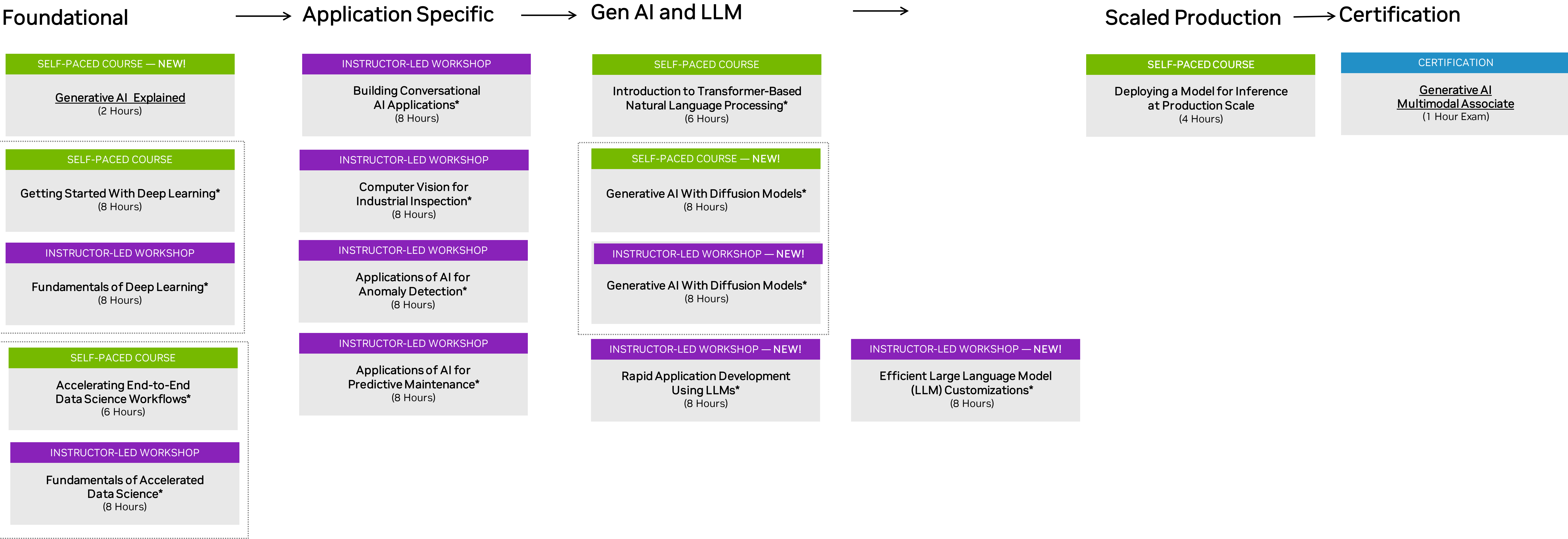
Additional resources to prepare for the exam:

- [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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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)

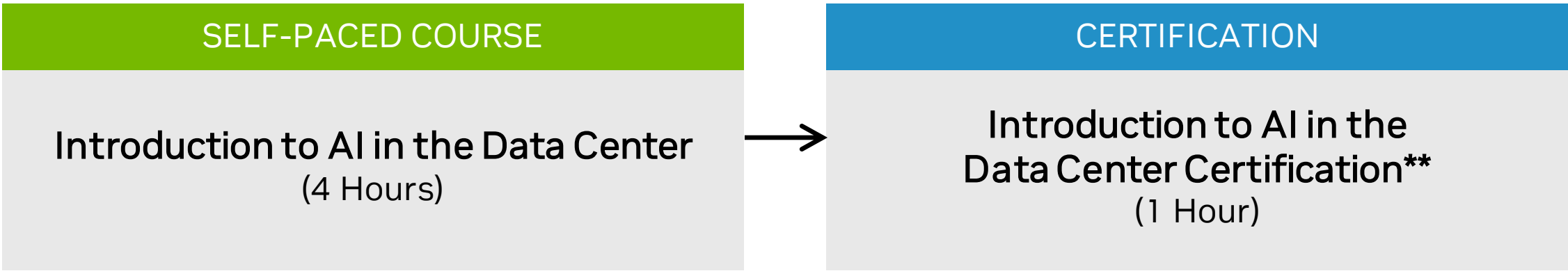
COURSE LEGEND

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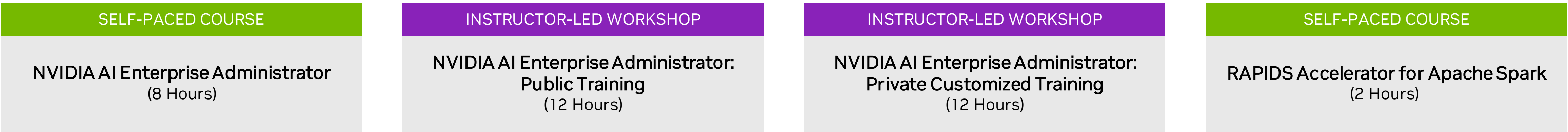
Infrastructure for Generative AI and Large Language Models Training

For Administrators

Overview



NVIDIA AI Enterprise



NVIDIA DGX



Introduction to Networking



Additional Recommended Training



COURSE LEGEND

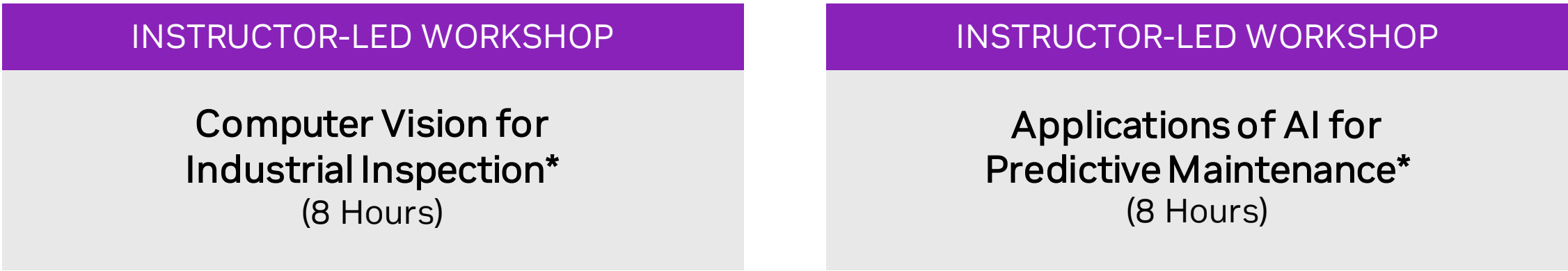
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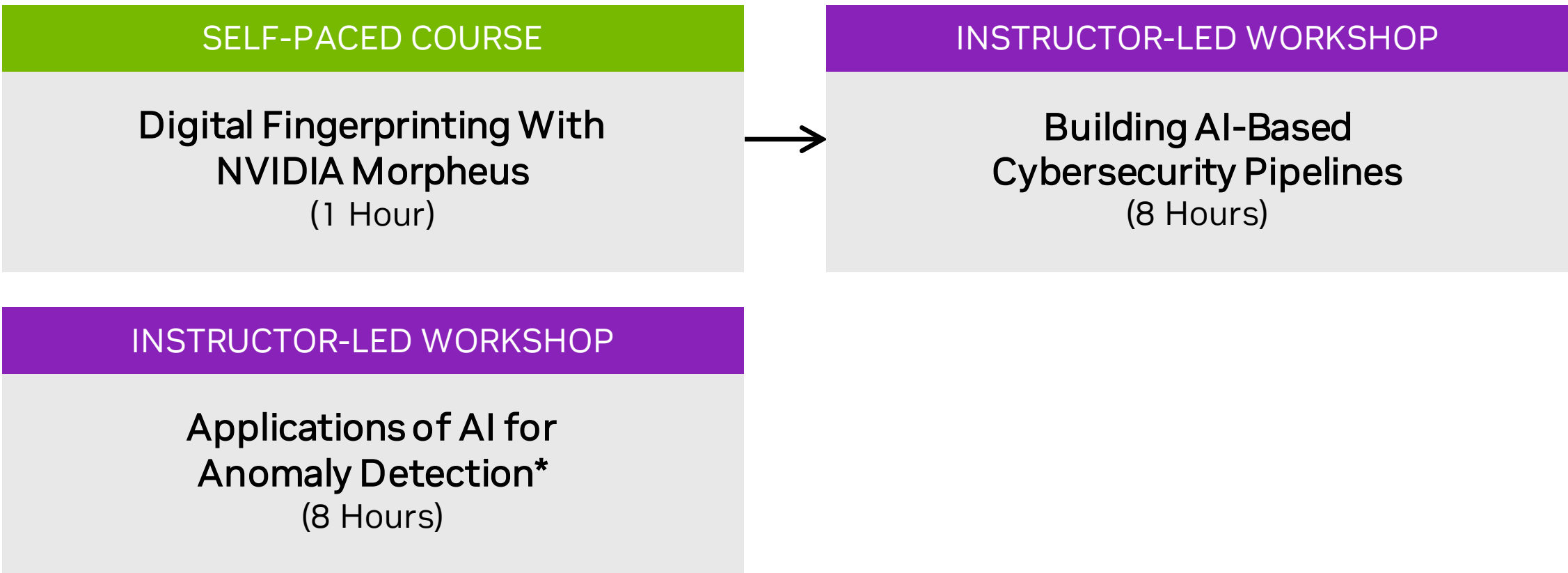
Industry-Related Training

For Developers

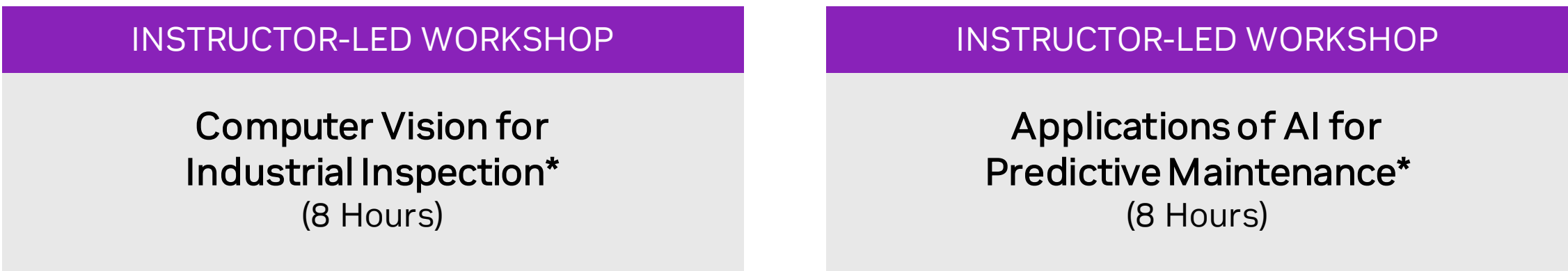
Energy



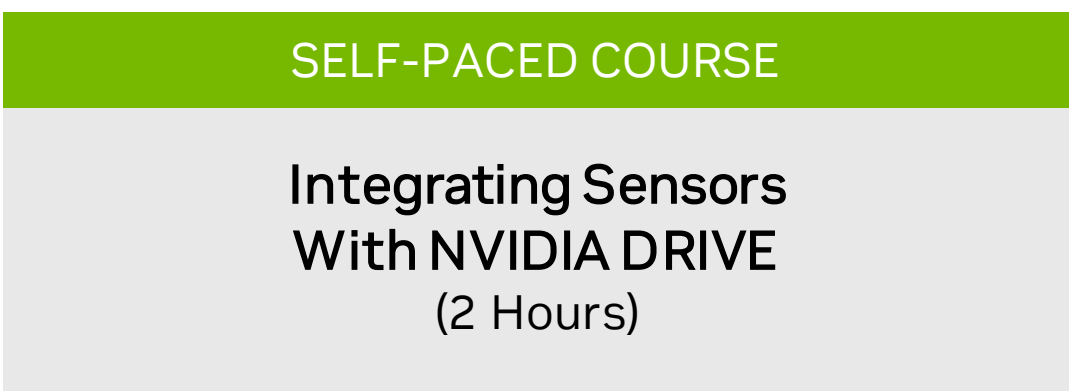
Financial Services



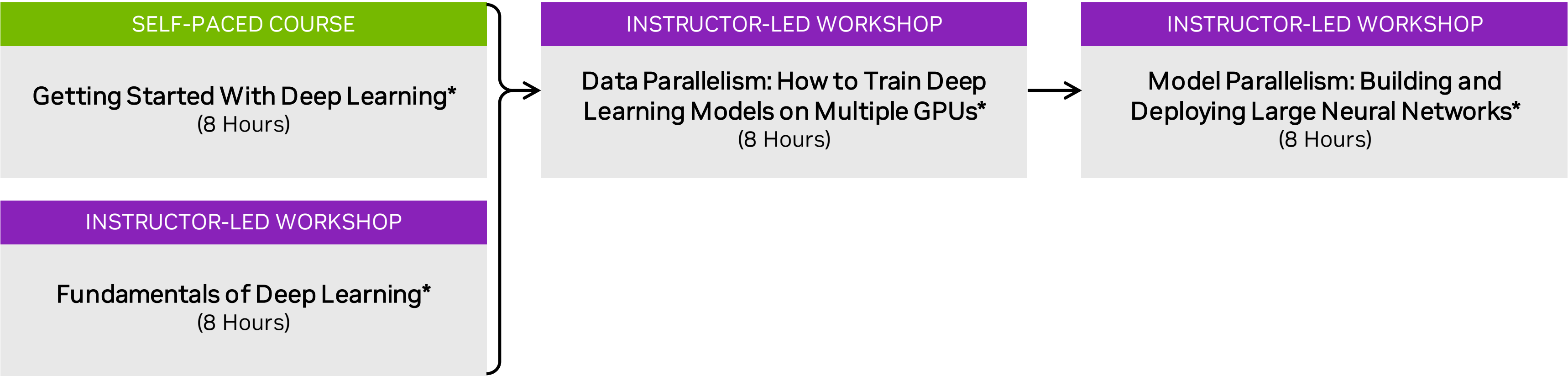
Manufacturing



Transportation



Healthcare and Life Sciences



COURSE LEGEND

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NVIDIA Certificate of Competency

**

Digital Badge Available

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Braces Indicate Alternate Paths



Networking Training

For Administrators

Overview

SELF-PACED COURSE

Introduction to Networking
(1 Hour)

NVIDIA Cumulus

INSTRUCTOR-LED WORKSHOP

NVIDIA Cumulus Linux:
Public Boot Camp
(12 Hours)

INSTRUCTOR-LED WORKSHOP

NVIDIA Cumulus Linux:
Private Customized Workshop
(20 Hours)

Other

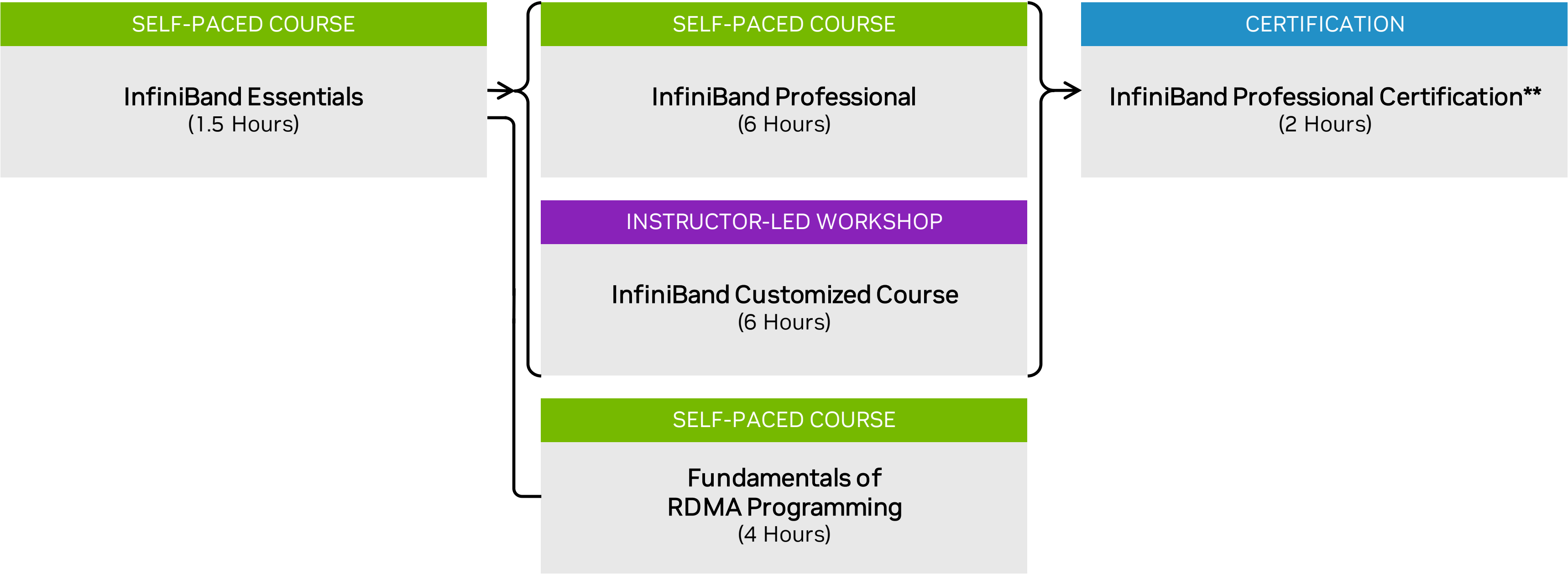
SELF-PACED COURSE

Network Administration With
NVIDIA Onyx Switch System
(3 Hours)

SELF-PACED COURSE

RDMA Over Converged
Ethernet from A to Z
(10 Hours)

InfiniBand



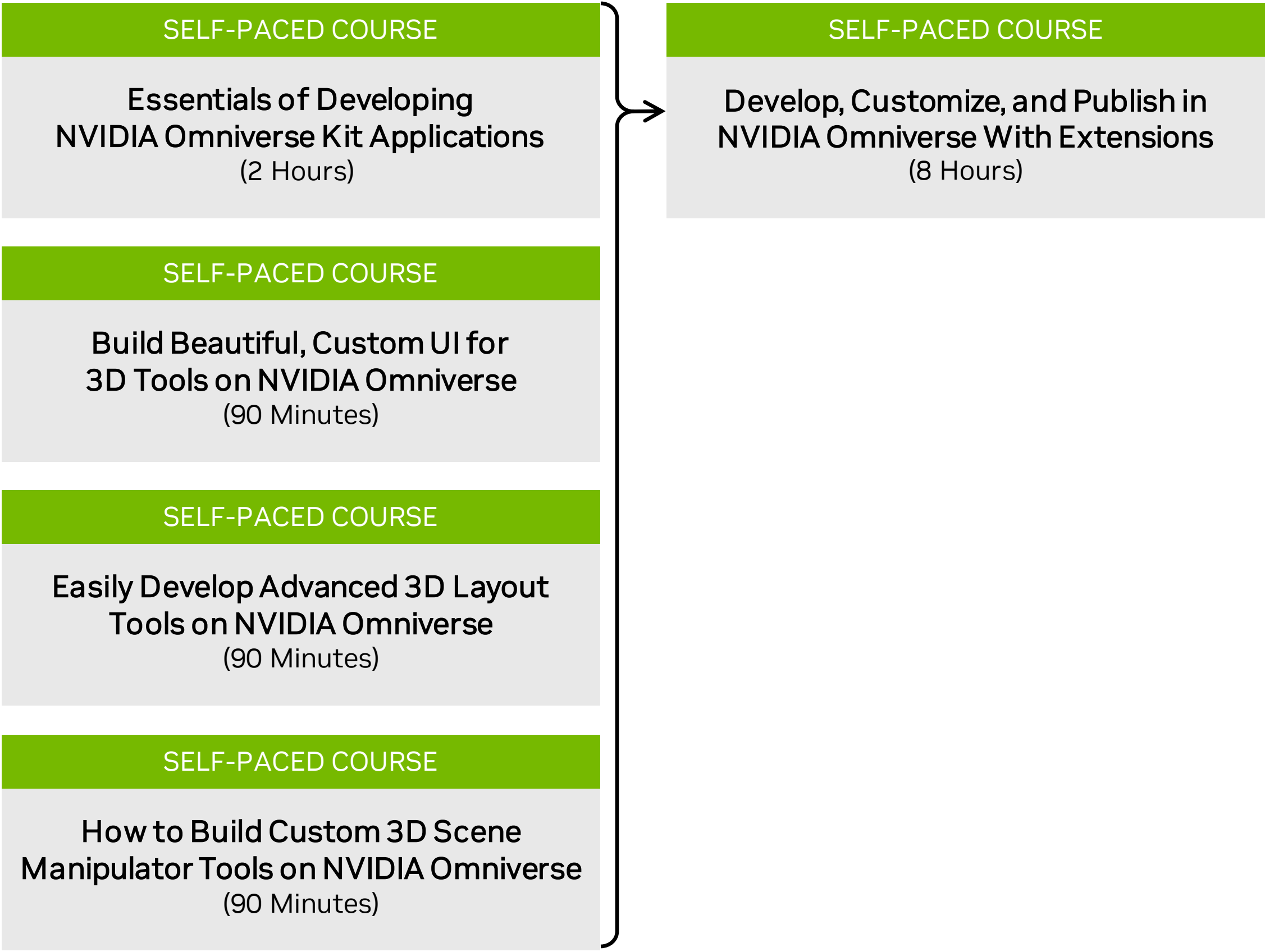
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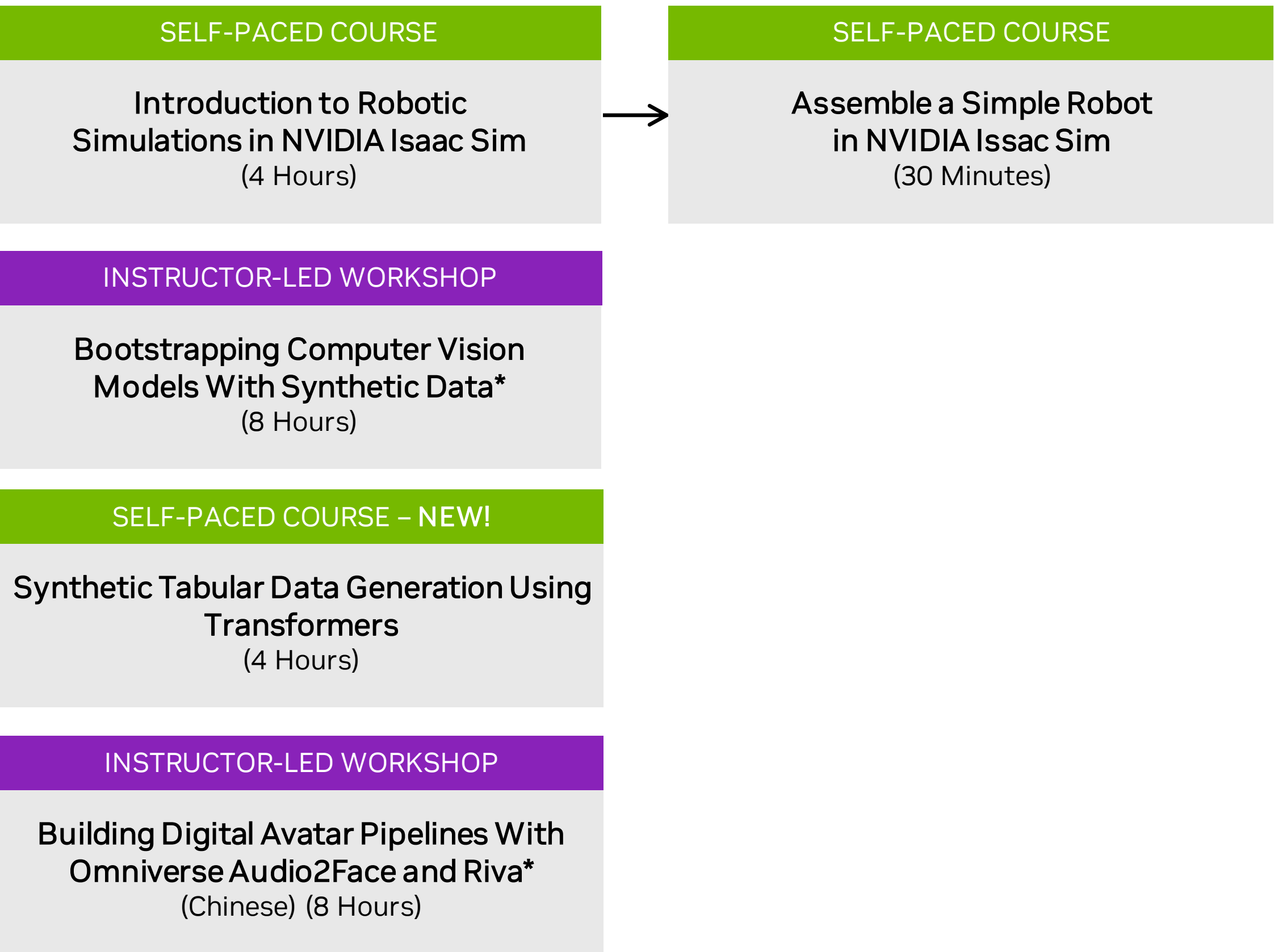
Simulation, Data Modeling, and Design Training

For Developers and Administrators

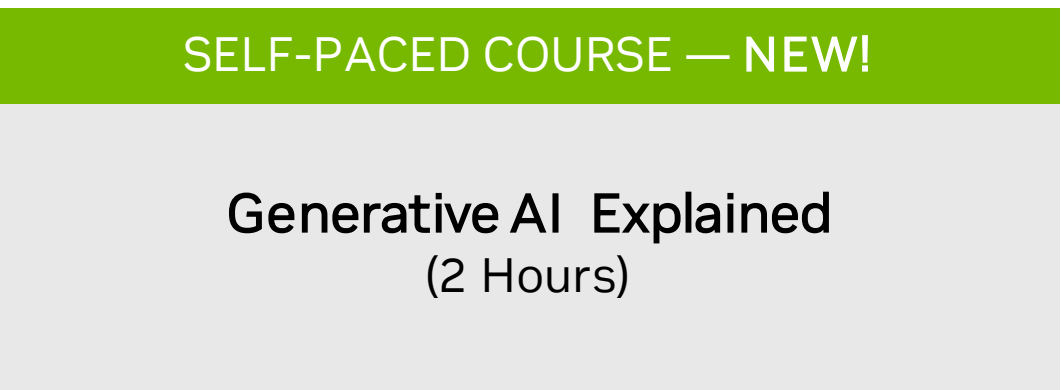
Omniverse Kit-based Development



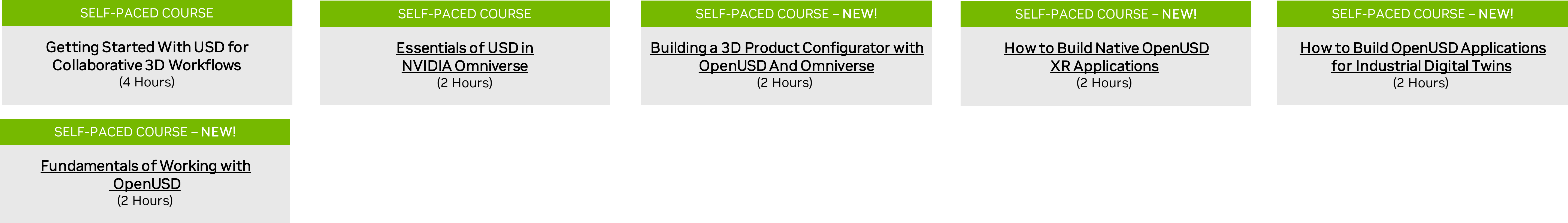
Simulation and Synthetic Data



Generative AI



OpenUSD Fundamentals and Development



COURSE LEGEND

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