

NVIDIA Training and Certification Learning Paths

May 2026

Quick Links

Learning Paths to Certification		Learning Paths By Topic	
For Developers	Associate Generative AI LLM	Accelerated Computing	
	Associate Generative AI Multimodal	Agentic AI	
	Associate Accelerated Data Science	Computer Vision and Video Analytics	
	Professional Generative AI LLM	Data Science	
	Professional Agentic AI	Deep Learning	
	Professional Accelerated Data Science	Generative AI and Large Language Models (LLMs)	
	Professional OpenUSD Development	Industrial Digital Twin Training	
For Infrastructure Professionals		Industry-Related Training	
		OpenUSD	
		Robotics	
		Physical AI	
	Associate AI Infrastructure and Operations	AI Infrastructure & Operations	
	Professional AI Infrastructure	AI Networking	
	Professional AI Operations		
	Professional AI Networking		

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

View the full catalog of courses [here](#). For questions, contact us [here](#).

NVIDIA Certification Framework

AI Applications and Workloads

AI Infrastructure

Based on Application Requirements for Accelerated Computing, AI, and Related Workloads
Designed for Developer Roles

Based on NVIDIA HW & SW Solutions
Designed for Infrastructure and Operations Roles

Professional


NVIDIA
Certified
Professional
Gen AI LLMs


NVIDIA
Certified
Professional
Agentic AI


NVIDIA
Certified
Professional
Accelerated Data Science


NVIDIA
Certified
Professional
OpenUSD Development


NVIDIA
Certified
Professional
AI Infrastructure


NVIDIA
Certified
Professional
AI Operations


NVIDIA
Certified
Professional
AI Networking

Associate


NVIDIA
Certified
Associate
Gen AI LLMs


NVIDIA
Certified
Associate
Gen AI Multimodal


NVIDIA
Certified
Associate
Accelerated Data Science


NVIDIA
Certified
Associate
Physical AI
2H 2026


NVIDIA
Certified
Associate
OpenUSD
2H 2026


NVIDIA
Certified
Associate
AI Infrastructure and Operations

Learn more about NVIDIA certification [here](#)



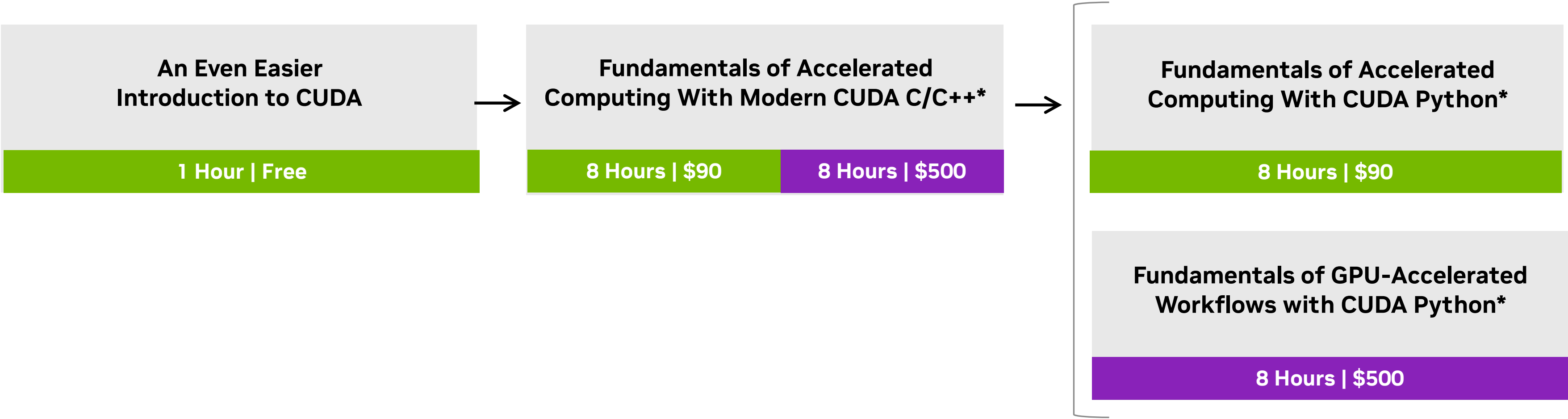
Training and Certification for Developers

Accelerated Computing Training

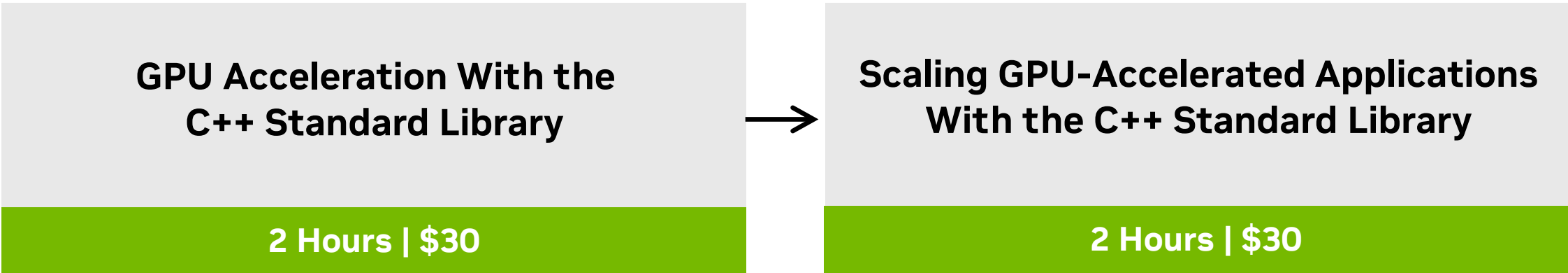
For developers

Link to [Accelerated Computing Learning Path Webpage](#)

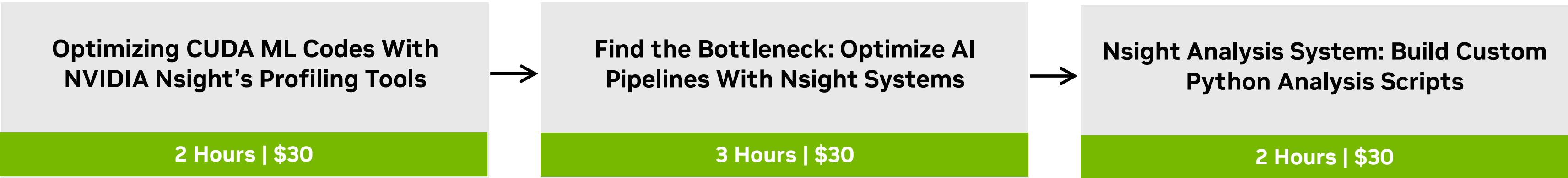
Foundational



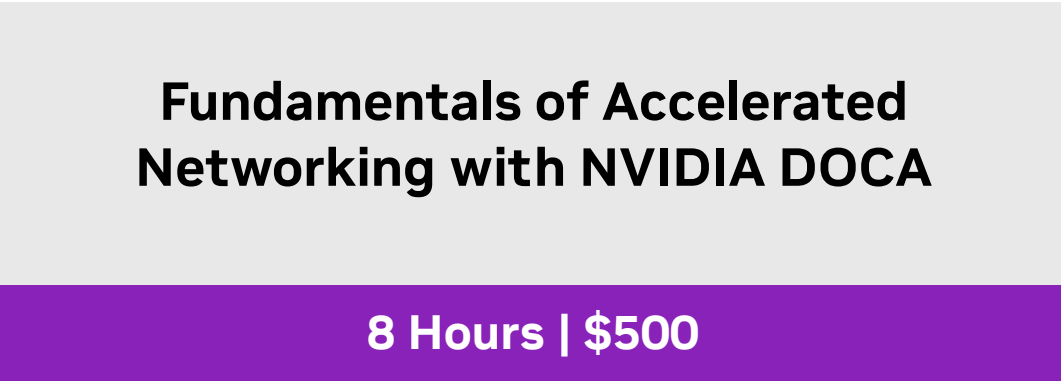
GPU Programming with the C++ Standard Library



Profiling



Networking



COURSE LEGEND

- * NVIDIA Certificate of Competency
- NVIDIA Self-paced Course
- NVIDIA Instructor-Led Workshop

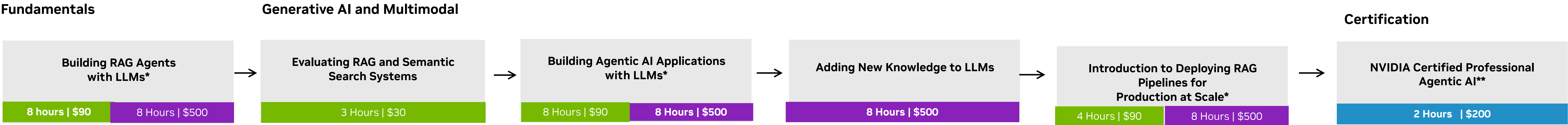
Agentic AI Certification

For developers

Link to [Gen AI Learning Path Webpage](#)



Professional Certification



COURSE LEGEND

* NVIDIA Certificate of Competency

** Digital Badge Available

NVIDIA Self-paced Course

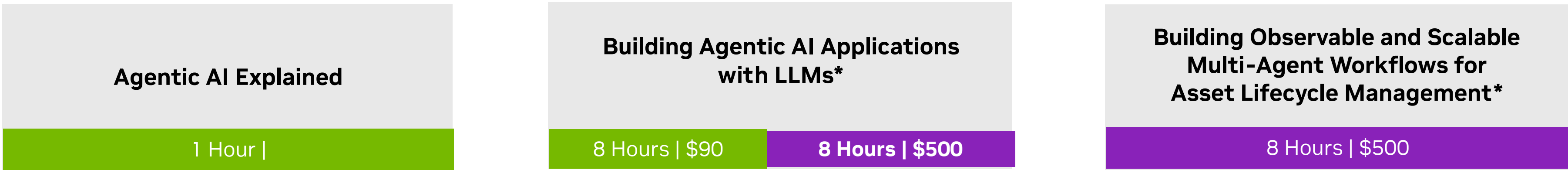
NVIDIA Instructor-Led Workshop

NVIDIA Certification Exam

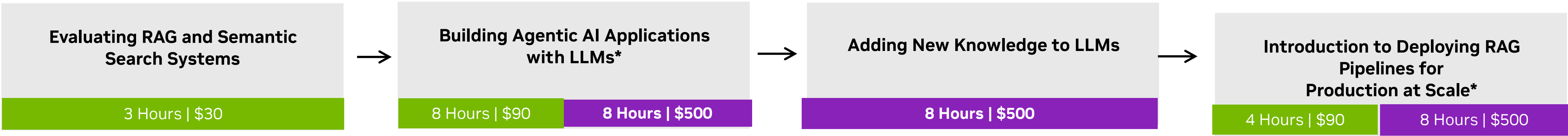
Agentic AI Training

For developers

Fundamentals



Generative AI and Multimodal

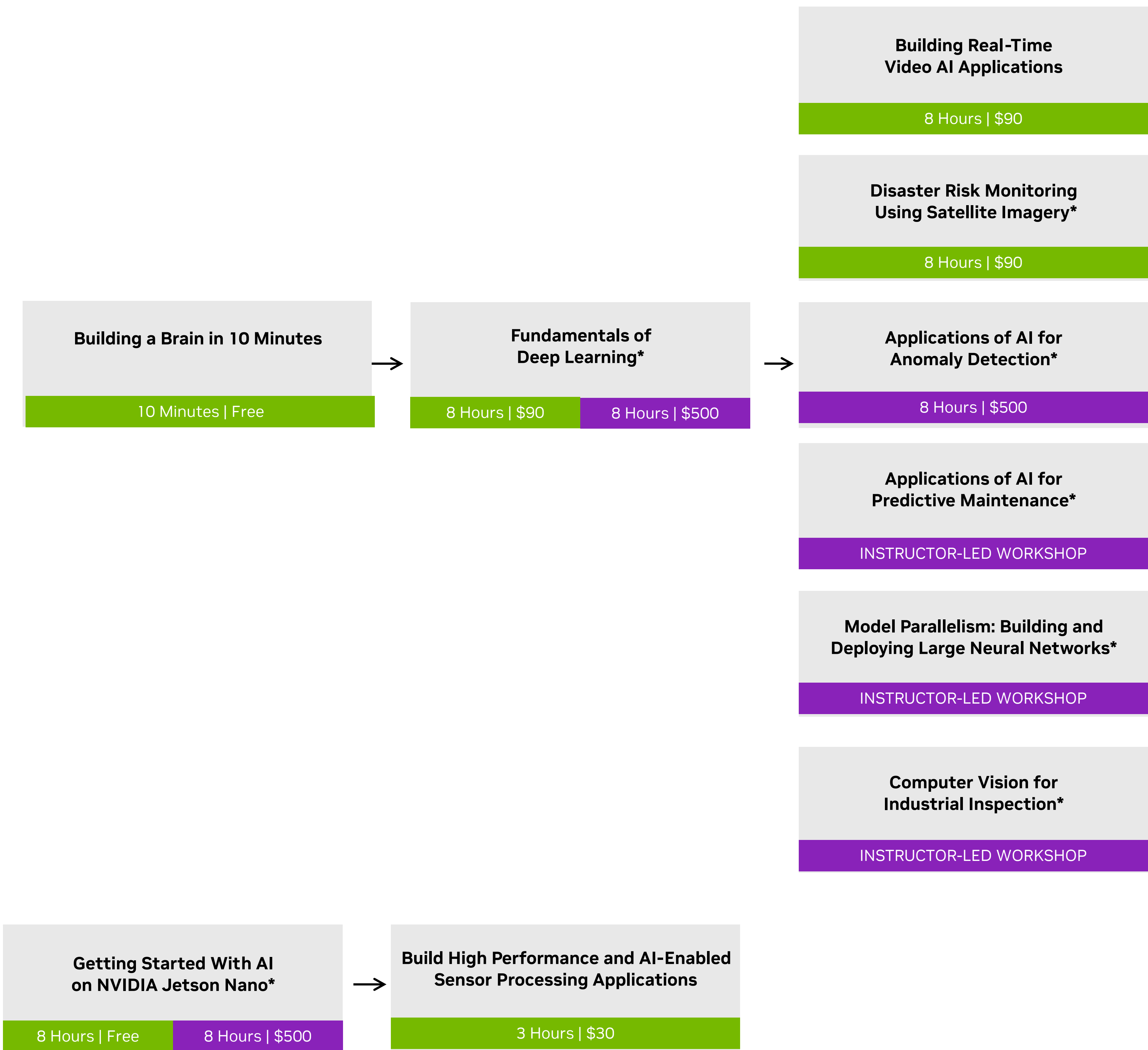


COURSE LEGEND

- * NVIDIA Certificate of Competency
- ** Digital Badge Available
- NVIDIA Self-paced Course
- NVIDIA Instructor-Led Workshop

Computer Vision and Video Analytics Training

For developers



COURSE LEGEND

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

Data Science Certification

For developers

Link to [Data Science Learning Path Webpage](#)



Associate Certification (coming soon)

Fundamentals

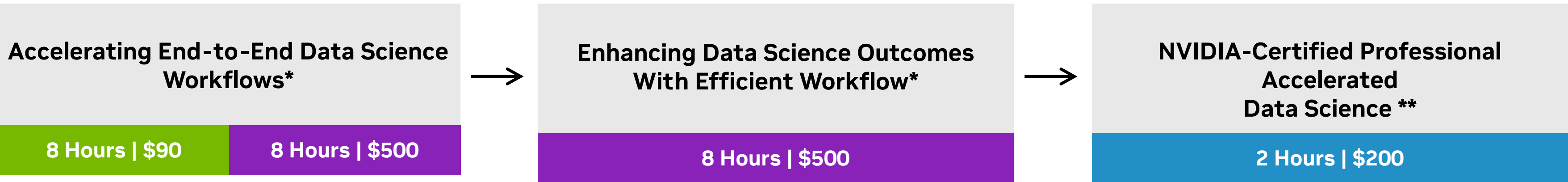


Professional Certification

Fundamentals

Application Specific

Certification



COURSE LEGEND

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 NVIDIA Certificate of Competency

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 Digital Badge Available

Self-paced Course

Instructor-Led Workshop

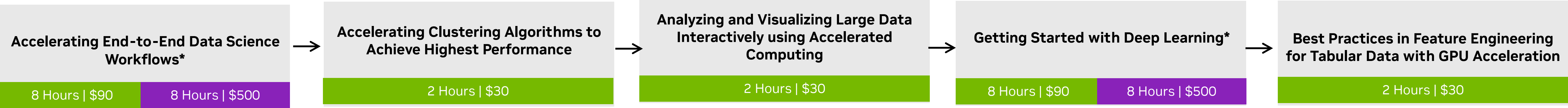
Certification Exam

Data Science Training

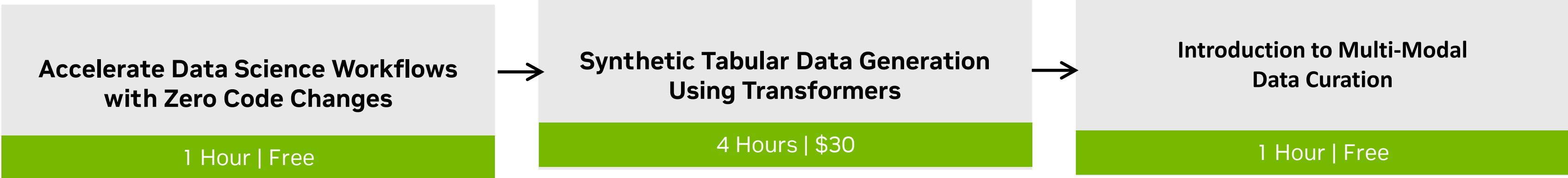
For developers

Link to [Data Science Learning Path Webpage](#)

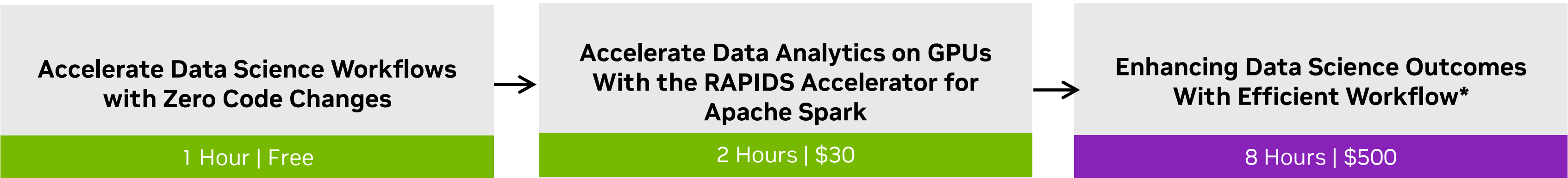
Accelerated Data Science Foundations



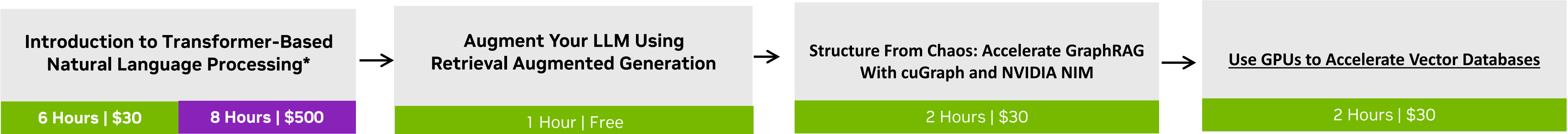
Data Preparation for Model Training



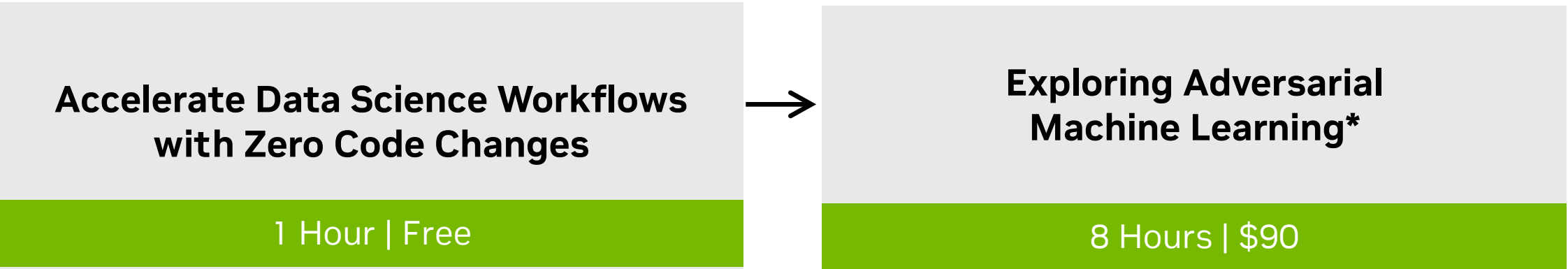
Big Data Processing Pipelines



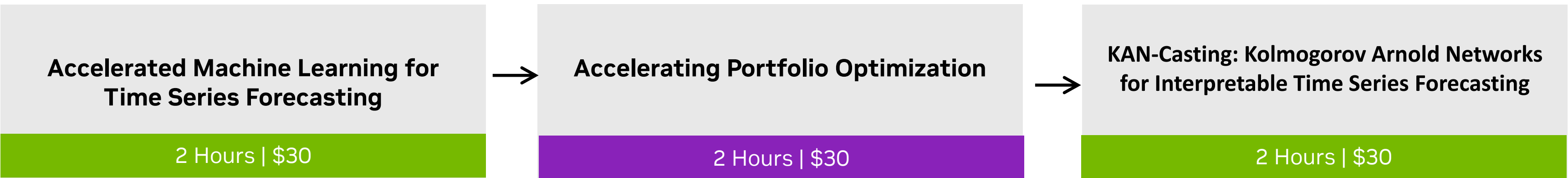
Data Processing for AI



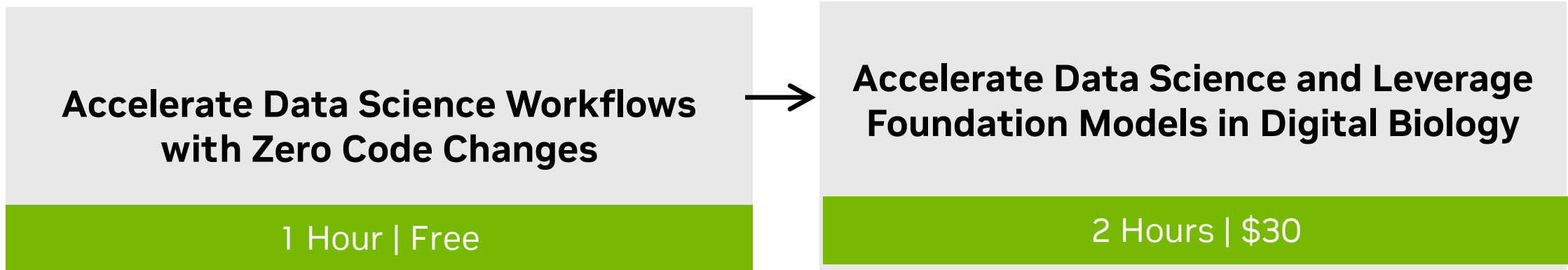
Accelerated Data Science for Cybersecurity



Accelerated Data Science for Financial Services



Accelerated Data Science for Healthcare



COURSE LEGEND

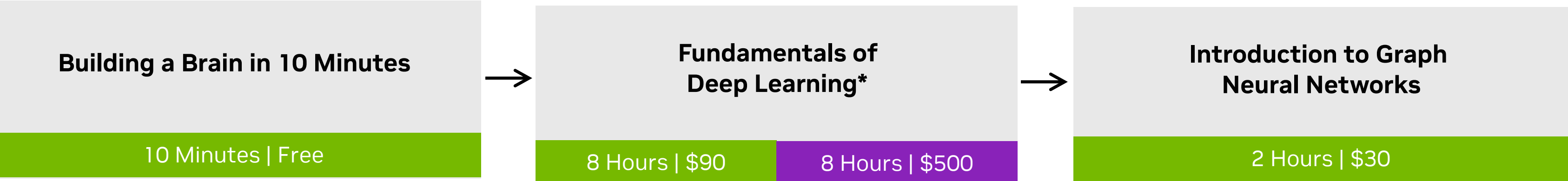
- * NVIDIA Certificate of Competency
- NVIDIA Self-paced Course
- NVIDIA Instructor-Led Workshop

Deep Learning Training

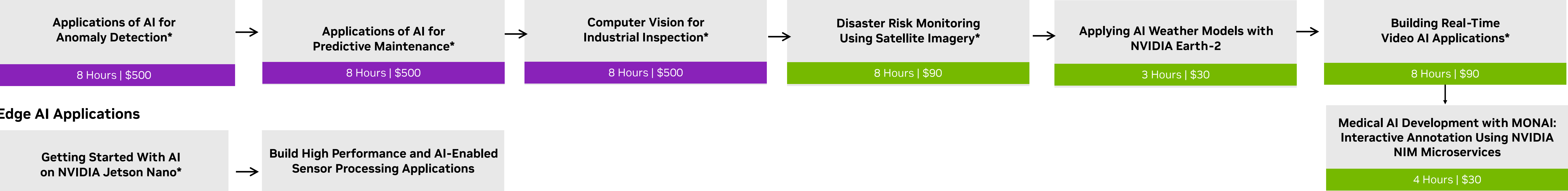
For developers

Link to [Deep Learning Webpage](#)

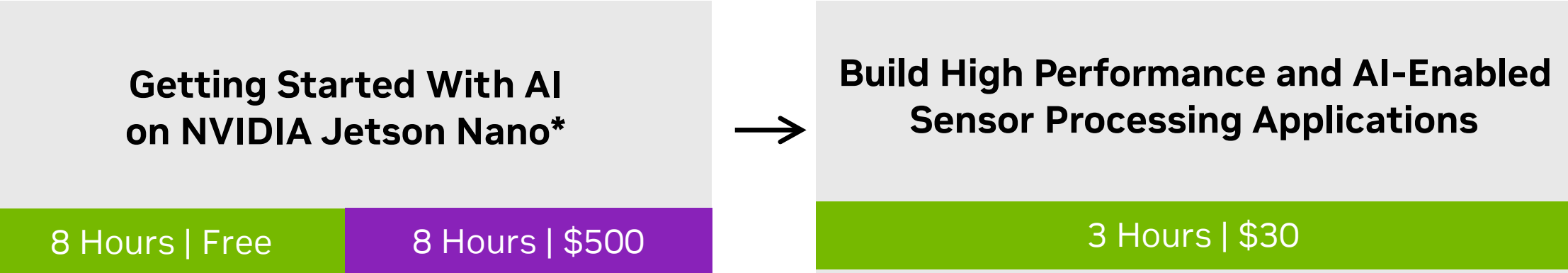
Introduction to Neural Networks and Special Architecture



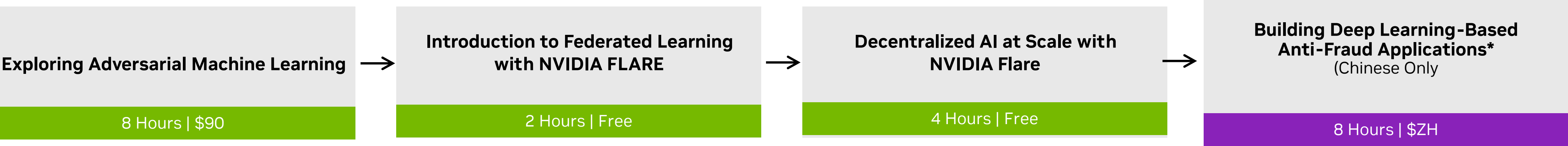
AI for Monitoring, Prediction, and Automation for Large Scale Systems



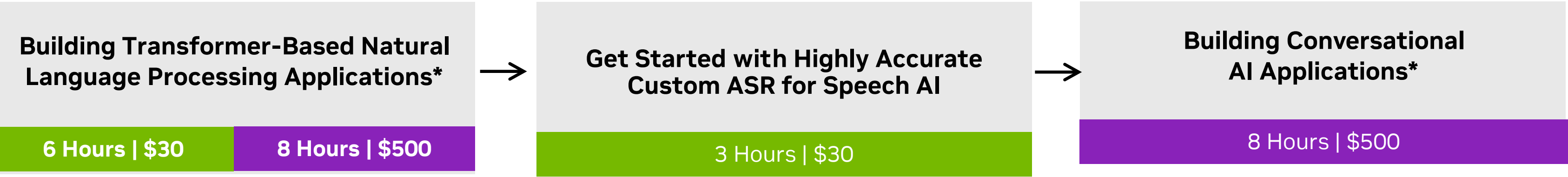
Edge AI Applications



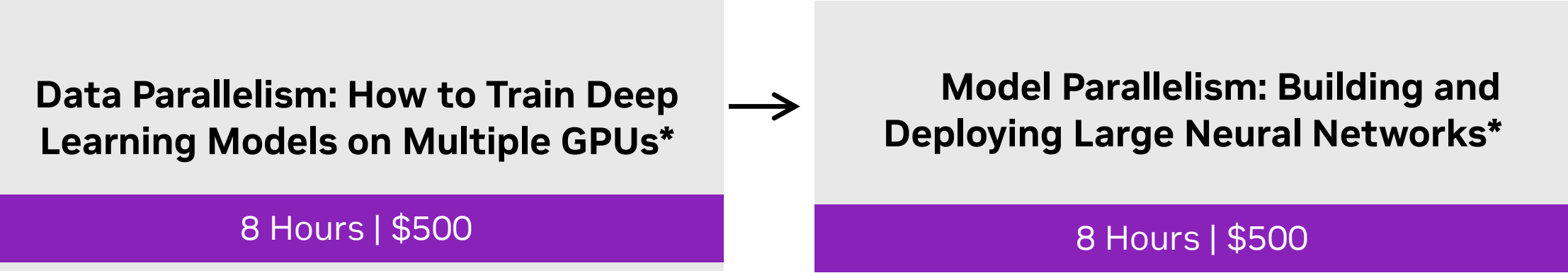
AI Security Engineering and Federated ML



AI-Powered Language and Speech Application



AI Model Training at Scale



COURSE LEGEND

- * NVIDIA Certificate of Competency
- NVIDIA Self-paced Course
- NVIDIA Instructor-Led Workshop

Gen AI LLM Certifications

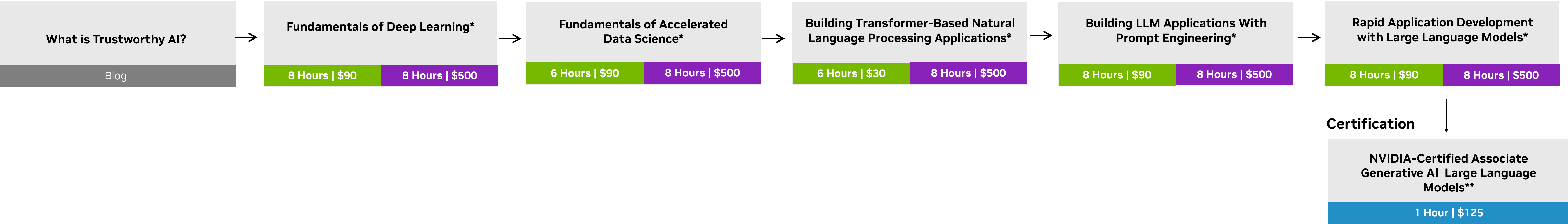
For developers

Link to [Gen AI Learning Path Webpage](#)

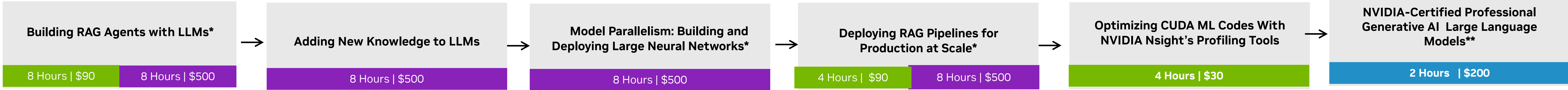


Associate Certification

Fundamentals



Professional Certification



COURSE LEGEND

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NVIDIA Certificate of Competency

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Digital Badge Available

Article / Blog

Self-paced Course

Instructor-Led Workshop

Certification Exam

Gen AI Multimodal Certification

For developers

Link to [Gen AI Learning Path Webpage](#)

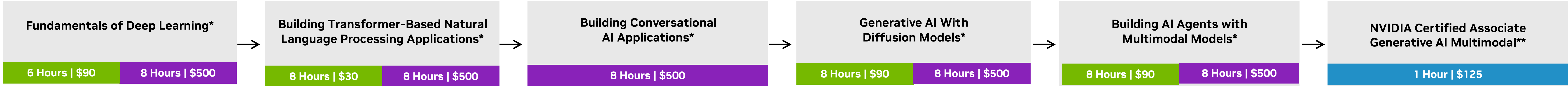


Associate Certification

Fundamentals

Generative AI and Multimodal

Certification



COURSE LEGEND

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 NVIDIA Certificate of Competency

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 Digital Badge Available

NVIDIA Self-paced Course

NVIDIA Instructor-Led Workshop

NVIDIA Certification Exam

Generative AI and LLM Training

For developers

Link to [Gen AI Learning Path Webpage](#)

Foundational



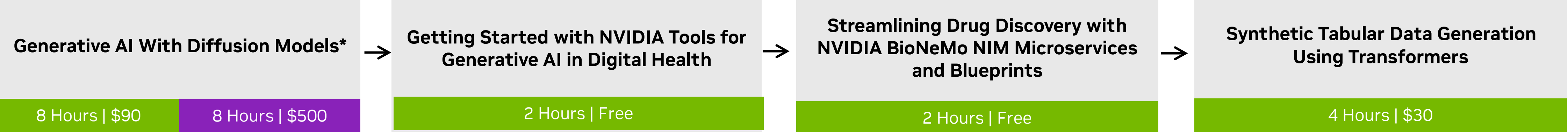
Build Applications with LLMs



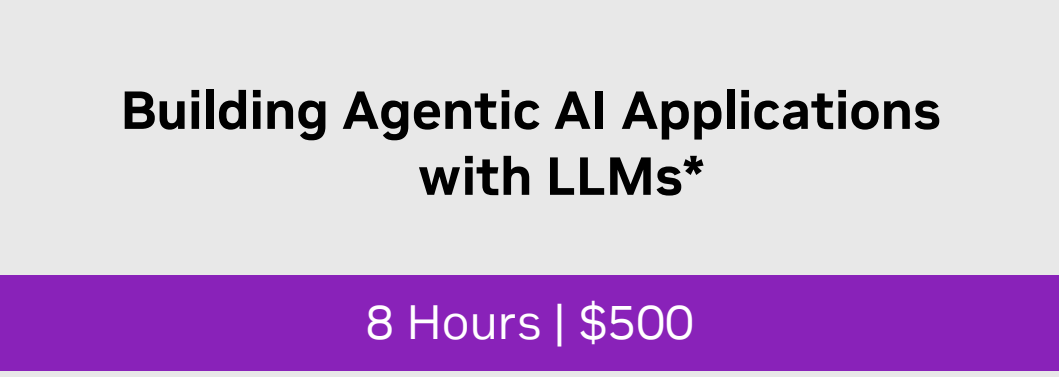
Retrieval Augmented Generation



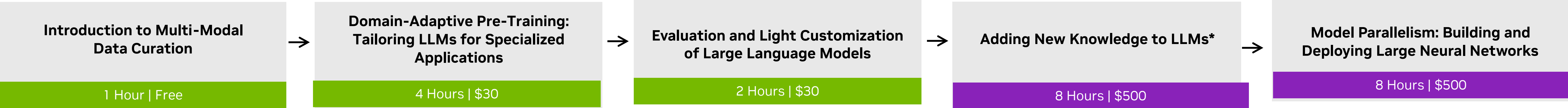
Data Generation



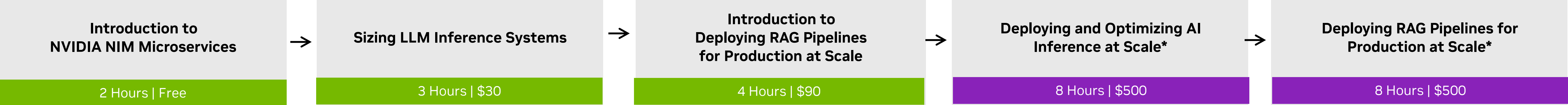
Agentic AI



Data Curation, Model Customization and Large-Scale Training



Inference and Deployment



COURSE LEGEND

- * NVIDIA Certificate of Competency
- NVIDIA Self-paced Course
- NVIDIA Instructor-Led Workshop

Industrial Digital Twins Training

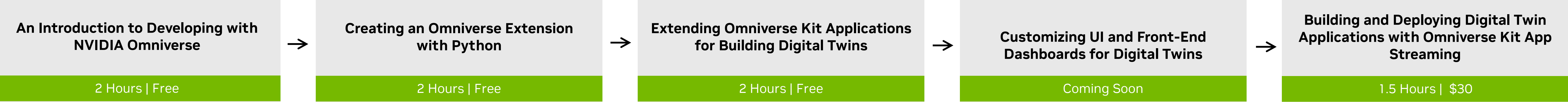
For developers

Link to [Industrial Digital Twins Learning Path Webpage](#)

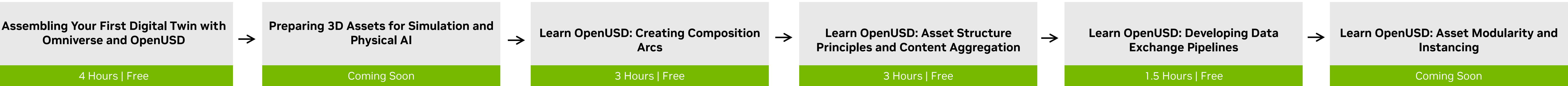
Digital Twin Foundations



Getting Started with Omniverse Development



Assembling OpenUSD Data for Digital Twins



Assembling OpenUSD Data for Digital Twins



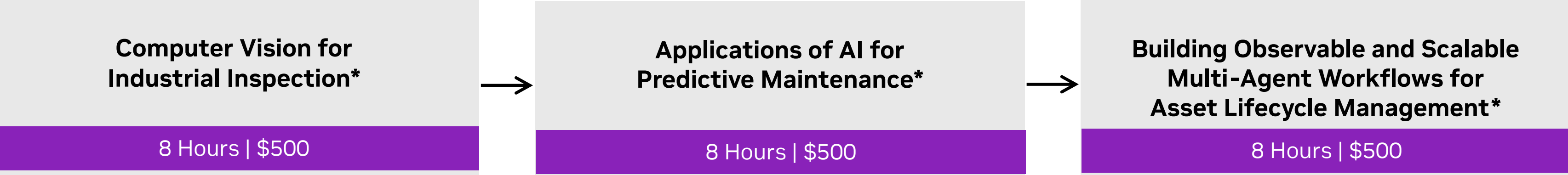
COURSE LEGEND

- Article / Blog
- Self-paced Course
- Learning Path

Industry-Related Training

For developers

Energy and Manufacturing



Accelerating Computer-Aided Engineering (CAE) with NVIDIA AI Physics Technology

8 Hour | \$90

Financial Services

Accelerating Portfolio Optimization

2 Hours | \$30

Applications of AI for Anomaly Detection*

8 Hours | \$500

Healthcare and Life Sciences

Accelerate Data Science and Leverage Foundation Models in Digital Biology

2 Hours | \$30

Streamlining Drug Discovery with NVIDIA BioNeMo NIM Microservices and Blueprints

2 Hours | Free

Getting Started with NVIDIA Tools for Generative AI in Digital Health

2 Hours | Free

Medical AI Development with MONAI: Interactive Annotation Using NVIDIA NIM Microservices

2 Hours | \$30

Introduction to Federated Learning with NVIDIA FLARE

2 Hours | Free

Decentralized AI at Scale with NVIDIA Flare

4 Hours | Free

Training Healthcare Robots From Scratch With Isaac for Healthcare

2 Hours | Free

COURSE LEGEND

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 NVIDIA Certificate of Competency

NVIDIA Self-paced Course

NVIDIA Instructor-Led Workshop

If courses are listed under a topic, no order is implied

OpenUSD Certification

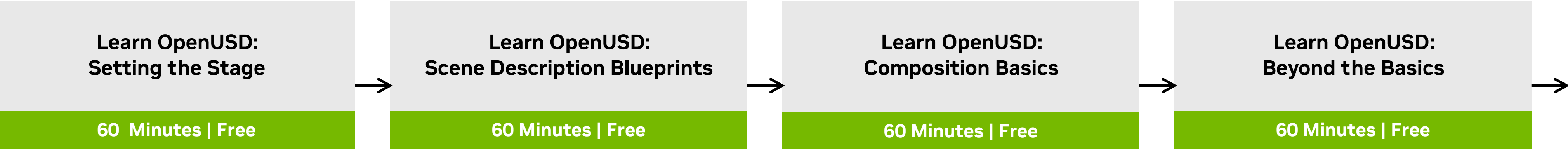
For developers and administrators

Link to [OpenUSD Learning Path Webpage](#)

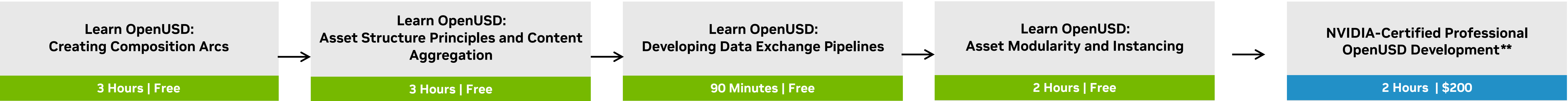


Professional Certification

Fundamentals



Applied Concepts



COURSE LEGEND

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 Digital Badge Available

Self-paced Course

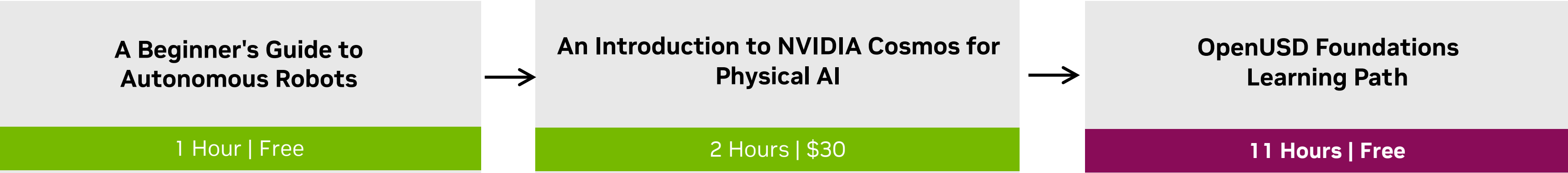
Certification Exam

Robotics Training

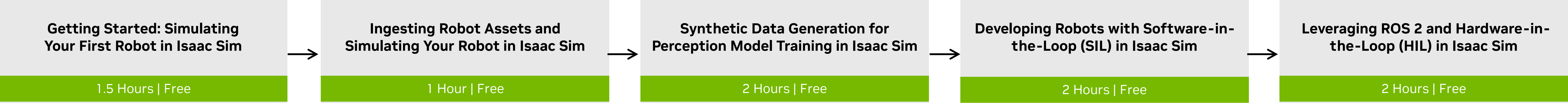
For developers

Link to [Robotics Learning Path Webpage](#)

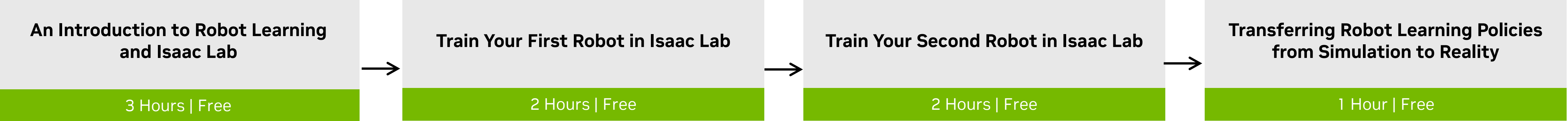
Robotics Foundations



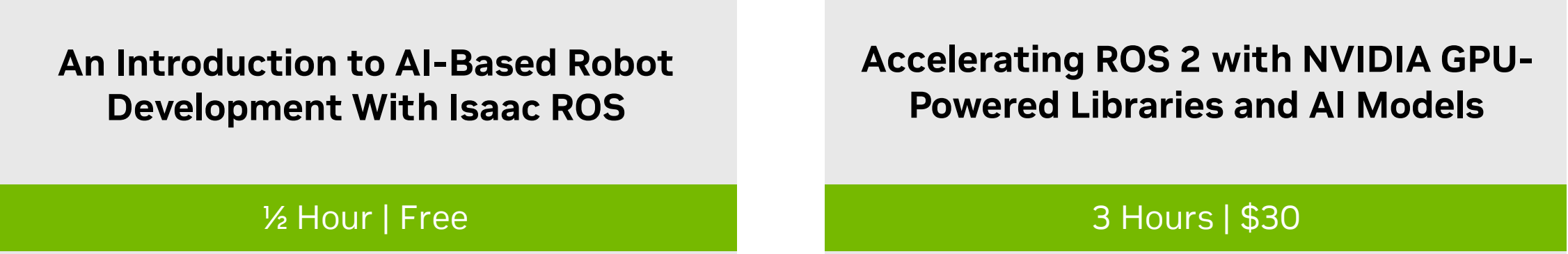
Getting Started With Isaac Sim



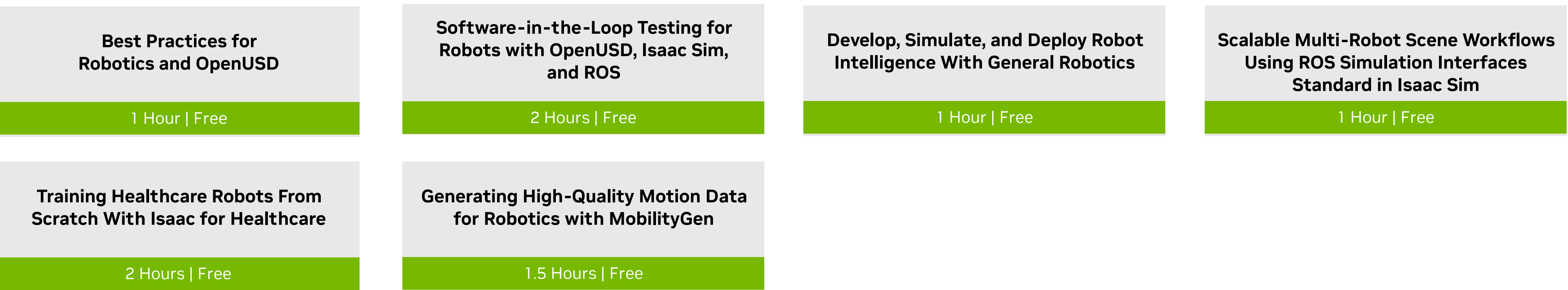
Getting Started With Isaac Lab



Getting Started with Isaac ROS



Going Further With Robotics



COURSE LEGEND

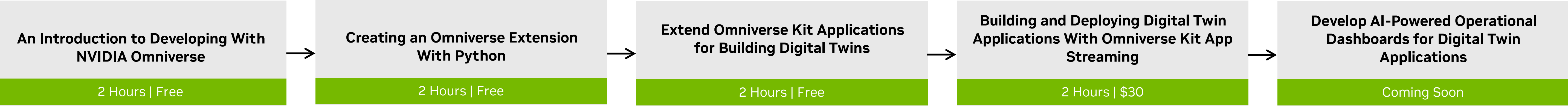
Self-paced Course

Learning Path

Simulation and Physical AI Training

For developers and administrators

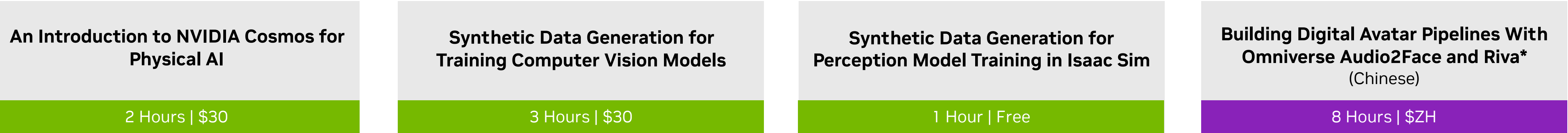
Omniverse Kit-Based Development



Assembling Digital Twins for Physical AI



Simulation and Synthetic Data



COURSE LEGEND

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 NVIDIA Certificate of Competency

NVIDIA Self-paced Course

NVIDIA Instructor-Led Workshop

Learning Path



Training and Certification For Infrastructure Professionals

AI Infrastructure and Operations Learning Path

Fundamentals

AI Infrastructure and Operations Fundamentals

7 Hours | \$50

Advanced Scaling

BlueField DPU Administration

3 Hours | \$50

Infrastructure & Fabric Optimization

NVIDIA Cable Validation Tool (CVT) Fundamentals

3 Hour | \$50

→

Data Center Management Made Easy with NVIDIA UFM

3 Hours | \$50

Cluster Provisioning & System Administration

Base Command Manager Administration

3 Hours | \$50

DGX System Administration: Private Workshop

16 Hours | Contact Us

NVIDIA AI Infrastructure & Operations: Public Training

40 Hours | \$5,000

Workload and GPU Orchestration

NVIDIA License System

2 Hours | Free

→

NVIDIA AI Enterprise Deployment on BareMetal Kubernetes

3 Hours | \$100

12 Hours | \$1,500

→

Run:ai Platform Deployment

3 Hours | \$50

Run:ai for AI Practioners Public Training

8 Hours | \$1,000

Run:ai for Platform Administration Public Training (Coming soon)

8 Hours | \$1,000

COURSE LEGEND

** Digital Badge Available

NVIDIA Self-paced Course

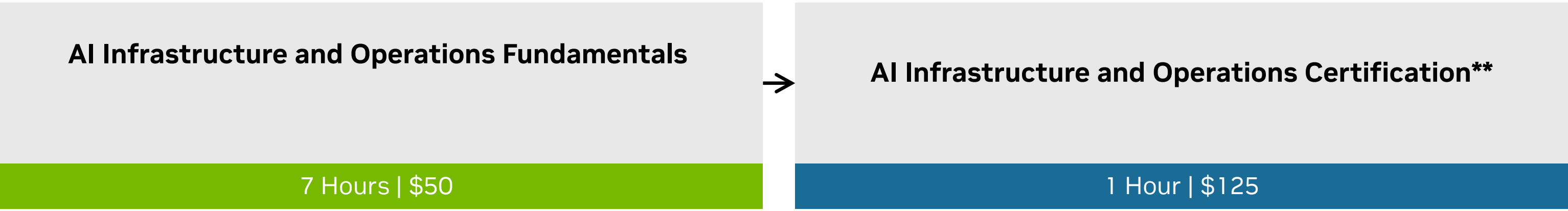
NVIDIA Instructor-Led Workshop

NVIDIA Certification Exam

AI Infrastructure & Operations Certification Learning Paths

Associate Certifications

AI Infrastructure and Operations

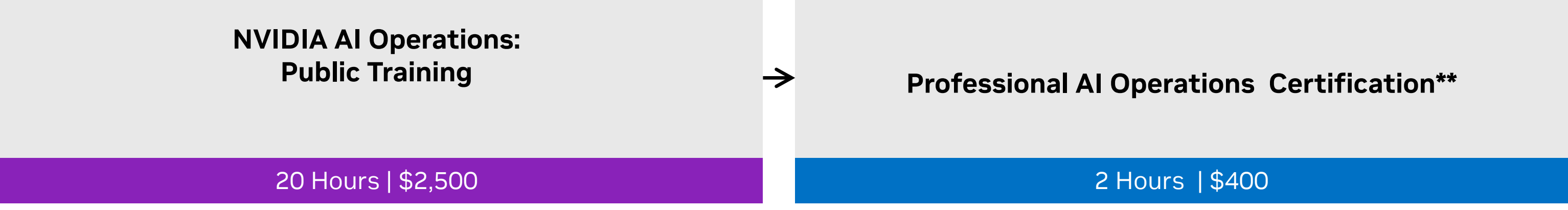


Professional Certifications

AI Infrastructure



AI Operations



Digital Badge with URL
**

COURSE LEGEND

- NVIDIA Self-paced Course
- NVIDIA Instructor-Led Workshop
- NVIDIA Certification Exam

AI Networking Training

Fundamentals

AI Infrastructure and Operations Fundamentals	Introduction to Networking	NVIDIA Cable Validation Tool (CVT) Fundamentals
7 Hours \$50	1 Hour Free	3 Hour \$50

Dual-Fabric Basics

InfiniBand Essentials	InfiniBand Network Administration	
1 Hour Free	5.5 Hours \$20016 Hours Contact Us	
SONiC Essentials by NVIDIA	Cumulus Linux Essentials	Cumulus Linux Administration
1 Hour Free	1.5 Hours Free	5 Hours \$10012 Hours \$1,500
Fundamentals of RDMA Programming	RDMA Over Converged Ethernet from A to Z	
6 Hours Free	.5 Hours Free	

Diagnostics and Fabric Management

MLXlink and MLX Cable Debug Tools	Data Center Management Made Easy with NVIDIA UFM	NetQ Deployment
1.5 Hours Free	3 Hours \$50	1 Hour Free

Scaled AI Infrastructure

Spectrum-X Networking Platform Administration Private Workshop	BlueField DPU Administration
12 Hours Contact Us	3 Hours \$50

AI Factory Deployment – Networking Track

AI Factory Deployment
30 Hours \$2,000

NCP Training (For NCP Partners Only)

NCP GB200/GB300 Administration Training Private Workshop	NCP HGX 8-Way Administration Private Workshop
28 Hours Contact Us	16 Hours Contact Us

COURSE LEGEND

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Digital Badge Available

NVIDIA Self-paced Course

NVIDIA Instructor-Led Workshop

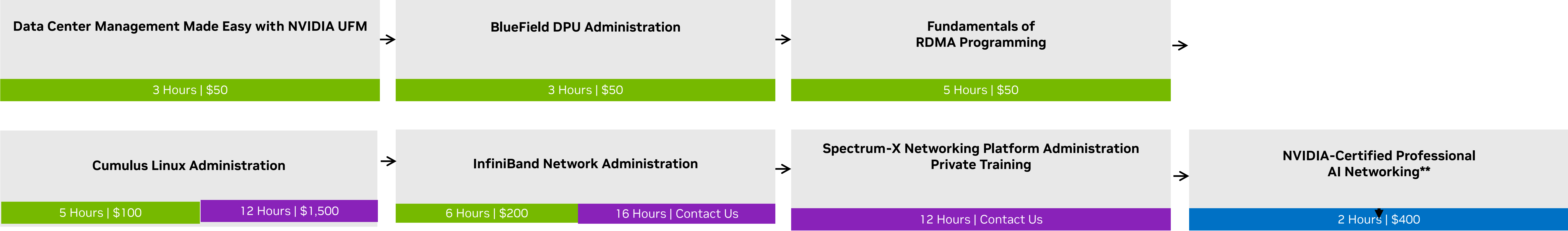
NVIDIA Certification Exam

AI Networking Certification Learning Path



Professional Certification

AI Networking



Digital Badge Courses

**

COURSE LEGEND

- NVIDIA Self-paced Course
- NVIDIA Instructor-Led Workshop
- NVIDIA Certification Exam

