

PROFESSIONAL COURSE OUTLINE

NVIDIA

Applications of AI for Predictive Maintenance

Program aligned

Covers anomaly and failure identification in time-series data and mapping those signals to predictive maintenance decisions.

AI

Advanced

TensorFlow, Keras, RAPIDS

PROGRAM CODE

Program aligned

DELIVERY

Virtual, On-site, or Hybrid

DURATION

8 hours

CERTIFICATION

Available on request

AUDIENCE PROFILE

Who This Program Is For

Built for teams exploring AI-led maintenance and failure prediction workflows.

PROGRAM SUMMARY

What This Course Covers

Official NVIDIA DLI workshop on anomaly and failure detection in predictive maintenance workflows.

TAILORED DELIVERY

Adapt the program around your team.

This outline can be adapted for virtual, on-site, or hybrid delivery, with emphasis adjusted for your team's platform priorities, role mix, and implementation goals.

Enterprise-ready delivery format

VNode ITeS can align labs, examples, delivery pace, and assessment checkpoints to the required audience profile while preserving the official program sequence where applicable.

COMPLETE MODULE SEQUENCE

Module Flow and Topic Coverage

The structure below presents the current delivery flow for this program, including the associated topics covered under each module.

TRAINING PROVIDER

VNode ITeS

MICROSOFT CERTIFIED TRAINER

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MODULE 1

Apply AI to maintenance scenarios

Use time-series deep learning patterns to identify failures and estimate useful life.

- Time-series anomaly detection
- Remaining useful life modeling

SCHEDULE A SESSION





Ready to run this program with your team?

Book a Discovery Call

Get in touch to discuss delivery format, timeline, and team size. This outline can be customised to your platform priorities and role mix.

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