

PROFESSIONAL COURSE OUTLINE

NVIDIA

Introduction to Physics-Informed Machine Learning With NVIDIA Modulus

Program aligned

Introduces Modulus and the basics of physics-informed deep learning for faster simulation-driven workflows.

AI

Advanced

NVIDIA Modulus

PROGRAM CODE

Program aligned

DELIVERY

Virtual, On-site, or Hybrid

DURATION

2 hours

CERTIFICATION

Available on request

AUDIENCE PROFILE

Who This Program Is For

Built for teams bringing machine learning into engineering and scientific simulation workflows.

PROGRAM SUMMARY

What This Course Covers

Official NVIDIA self-paced course introducing physics-informed machine learning with NVIDIA Modulus.

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.

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MODULE 1

Use ML for simulation-heavy problems

Learn the basic ideas behind physics-informed deep learning and NVIDIA Modulus.

- Physics-informed ML foundations
- Modulus workflow basics



Plan the next session

We can tune this outline around your delivery goals and team mix.

TALK TO US

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