

IntelliCademy AI/ML Specialist

IntelliCademy Authorized Training · Applied Technology Academy

IntelliCademy™ Powered by IntelliGenesis LLC® goes beyond the classroom to prepare today's technical workforce for tomorrow's national security challenges. Our mission-focused curriculum is purpose-built to bridge the critical gap between foundational knowledge and real-world mission application taking students from the schoolhouse directly into operational success.

LEVEL	DURATION	EXPERIENCE	AVERAGE SALARY	LABS
Intermediate	5 Days	2 Years Programming	\$116,000	Yes

Course Overview

This 5-day, hands-on course prepares professionals to lead AI transformation across the DoD. Aligned with DoD 8140 for AI/ ML Specialists (Work Role 623), it combines expert instruction, real-world labs, and mission-focused scenarios to build secure, ethical, and effective AI systems. The course concludes with a 3-hour certification exam validating your operational readiness.

Course Outline

The course follows a structured, module-based format that progressively builds your knowledge and capabilities—from foundational principles to advanced, mission-relevant implementation. Whether you're enhancing your current role or stepping into a new one, this training equips you with the skills needed to make immediate and meaningful impact.

Intended Audience

- Data Scientist
- Machine Learning Engineer
- AI Developer
- Data Engineer
- Applied Scientist
- Business Intelligence Developer
- Robotics Scientist
- Research Scientist
- Statistician

Prerequisites

- Familiarity with basic data. Structures, statistics, mathematics, algebra, calculus, and computer algorithms
- Proficiency in Python programming and utilizing common data science packages (NumPy, pandas, matplotlib, etc.)
- Prior exposure to collecting, analyzing, and manipulating data
- Laptop with Anaconda/Jupyter environment installed (instructions will be provided)

Ready to enroll? Call 800.674.3550 or email Info@AppliedTechAc.com — private team cohorts, GSA MAS purchasing, military credentialing funding, VA GI Bill and VR&E and student financing available.