

CENG 003 AI Foundations for the DoD Credential

Description

This credential trains DoD acquisition professionals to manage Artificial Intelligence (AI) projects with a combination of commercial online training and DoD-specific training. Students will receive a grounding in the topics of AI definitions and technologies, the AI ecosystem, and the importance of data and algorithmic ethics. Capstone exam must be passed to earn this credential. Multiple online DAU courses put this foundation into a DoD acquisition project context, emphasizing DoD's AI Strategy, Responsible AI (RAI) mandate, and how to adapt acquisition phases in alignment with industry best practice and emerging AI statutes, policies, and standards.

Focus areas include:

- Technologies under the AI umbrella
- Strategic planning for AI projects within an ethical RAI framework
- How to discern when AI is present in a DoD product or vendor offering
- Building AI teams
- Importance of using modern software practices
- Data acquisition for AI
- Machine Learning (ML) overview including machine learning operations (MLOps) and data pipeline operations
- Emergent information on the new practices of Engineering for AI, Testing AI, and Logistics for AI.

The DAU courseware culminates with a recap of where to find help in DoD and professional tips for how to get started with an AI project.

Estimated time to complete this credential is 12 hours. Earn up to 13 Continuous Learning Points (CLPs).

Target Attendees

Acquisition workforce professionals in all functional areas responsible for acquiring and/or maintaining Artificial Intelligence technology and/or those requiring currency on emerging technologies. Suitable for both non-technical and technical audiences who will work on an AI project.

Requirements

Course	Title	Delivery Method
CENG 003	AI Foundations for the DoD Introduction	Video
HOS 0036	AI for Everyone	Online Training (OLT)
SWE 0056	What is Artificial Intelligence (AI)?	Online Training (OLT)
SWE 0057	What is Machine Learning?	Online Training (OLT)
SWE 0058	Overview of AI in the DoD	Online Training (OLT)
CENG 003	Capstone Assessment	Online Training (OLT)

Additional Credential Information

Expiration	3 years from date earned.
Restrictions	
Continuous Learning Points	https://dau365.sharepoint.com/:b:/s/PublicUse/EarH0_negwpEnheaDMIINCYBXwCp2ROslC_9LgsbLrE0bA?e=FscpOh
Deployed Date	
ACE Recommended Credits	N/A

Notes

- Predecessor courses may not be used to complete credential requirements.
- All students must have a DAUID.
- Enroll in a Credential through the DAU Virtual Campus at <https://dau.csod.com>