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IntelliCademy Critical Thinking and Structured Analysis

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
Foundational	**5 Days**	**None**	**Varies**	**No**

Course Overview

The Analyst's Edge: Critical Thinking and Structured Analysis is a five-day, instructor-led online program designed to strengthen analytic rigor and foster deep self-awareness of individual thinking processes. Grounded in ICD 203 and inspired by The Foundation for Critical Thinking, this course does not prescribe "what" or "how" to think. Instead, it emphasizes metacognition, enabling participants to recognize, evaluate, and refine their own cognitive strategies for more objective, unbiased analysis.

Course Outline

- **Module 1: Day One**
  - · Introduction
  - · Critical Thinking
  - · Biases
  - · Logical Fallacies
- **Module 2: Day Two**
  - · Questions
  - · Structured Analysis
  - · Brainstorming
  - · Assumptions
- **Module 3: Day Three**
  - · Problem Restatement
  - · Deception
  - · Hypotheses
  - · Analysis of Competing Hypotheses
- **Module 4: Day Four**
  - · Indicators

  - · Challenge Analysis
  - · Pros Cons Fixes
- **Module 5: Day Five**
  - · Capstone

Prerequisites

There are no prerequisites for this course.

Course Objectives

Critical Thinking Core Concepts: Biases, mindsets, points of view, and assumptions, along with their direct impact on analysis in various settings.

Intelligence Community Tradecraft: Standards defined in ICD 203 that ensure objectivity and minimize distortion, even under competing agendas or pressures.

Structured Analytic Techniques: Hypothesis generation, divergent and convergent thinking strategies, challenge analysis, foresight analysis, and decision-support practices.

Principles from The Foundation for Critical Thinking: Nine Intellectual Standards (e.g., clarity, relevance, accuracy), Eight Elements of Thought (e.g., purpose, questions, assumptions), and Eight Intellectual Traits (e.g., humility, integrity, fairmindedness).

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.