



College of Logistics & Industrial Operations



TRAINING ANNOUNCEMENT

Advanced Critical Thinking and Innovation CLIO-60-024

Date: 9 July 2015

Time: 0800 to 1630

Location: Southern Maryland Higher Education Center (SMHEC), Building I, Room 123

Instructor: Mike, Kallet, HeadScratchers, LLC

Cost: No Cost

Description:

This customized one day workshop, builds on skills learned in the “Critical Thinking for Problem Solving and Decision Making” or “Critical Thinking for Leaders” workshop. In this session we continue within the framework with advanced conclusion tools that raise the confidence of a conclusion and exercises to present and critique those conclusions for support, buy-in, enrollment and approval. We push through the limits of conclusions with Outside-the-box, Abduction and Impossible critical thinking techniques. We augment the decision tools with a risk tool consisting of 11 components and the concept of fuzzy criteria (i.e. the grey areas). In addition, we practice the necessary skill for leadership; that of being a Thinking Coach, i.e. getting others to think critically.

Learning Objectives:

- Be more proficient in the 3-step Critical Thinking Process
- Be able to identify the “box” that constrains your current thinking
- Learn techniques to think “outside the box”
- Learn to apply critical thinking for breakthrough results using “abductive” and “impossible” thinking
- Creating credible presentations for buy-in, enrollment and approval
- Understand and practice the tools to sustain a critical thinking environment
- Be a Thinking Coach - Help others to use Critical Thinking and make decisions
- Think through 11 risk factors and how they weigh in
- Be able to apply critical thinking to decisions that are not black and white (“fuzzy” decisions)

Topics Covered:

- Clarity - Additional tools to ensure Clarity; (What else and Anticipatory Thinking)
- Conclusions - Create Solutions and the Conclusion Thinksheet
 - Credibility and Consistency - Increasing the strength of your premise
 - Triangular Thinking – When you can't know exactly
 - Argument Analysis – Review for and against arguments as elements of conclusions
 - Presenting your solutions to influence, enroll, and get approval
- Innovation - Creating an environment and stimulating creativity and innovation
 - Building a tower
 - Thinking Outside-the-Box - Challenging the Premise (What if? What other?)
 - Abductive Thinking - Thinking beyond your experience
 - Impossible Thinking -To generate Breakthrough ideas
- Decisions - Taking action and the Decision Thinksheet
 - Risk Criteria – A 11 point Risk model that helps you evaluate the risk, w/exercises (Downsides, Downside Probability, Upside, Upside Probability, Downside Absorption Capability, Ignoring Statistical Downside, Controllability, Necessity of Upside, Reversibility, Mitigation Strategy, Preeminent Metrics)
 - Fuzzy Criteria – Not all the criteria of a decision are black and white. This topic looks at the grey ones
- Being a Thinking Coach - The rules and role play

Prerequisite: Critical Thinking for Problem Solving and Decision Making workshop CLIO-60-013

Registration: Register for this workshop via the NAVAIRU Portal. If you do not have an account in the NAVAIRU Portal use the instructions provided below to create an account.

The image is a screenshot of a webpage titled "HOW TO CREATE A NAVAIRU ACCOUNT". The page contains the following text:

You **MUST** have a registered NAVAIRU account in order to register for a class or to access myUniversity. Please follow the directions below to register for an account:

1. Navigate to <https://navairu.navair.navy.mil>
2. Select "Register" in the upper left corner of the screen.
3. Complete all fields, and click the "Save" button
4. A request will be sent to your college administrator for approval.
5. Once your account is approved, you will be notified via email.

Below the text is a screenshot of the NAVAIRU portal interface. The interface includes a navigation bar with links for Home, About, Colleges, Classes, News, Training/Workshops, MyUniversity, and Admin. A central banner features the NAVAIRU logo and the tagline "Establishing technical, leadership and professional excellence in Naval Aviation". A "Register" button is highlighted in the top left corner, and a "Quick Start Guide" link is visible in the top right corner.

If you have an account within the NAVAIRU Portal access CLIO directly via <https://navairu.navair.navy.mil/Home/CLIO> and search for classes; CLIO-60-024 Point of Contact for this workshop is Wanda Cricchi, wanda.cricchi@navy.mil