LEAN SIX SIGMA CERTIFICATION TRAINING CAMP

IASSC Yellow Belt

Certified Lean Six Sigma Yellow Belt (ICYB™)

thinQtank® LEARNING

thinqtanklearning.com

Process improvement · education services datasheet

OUR LEARNING EXCLUSIVE

- Custom exam prep software and materials
- Course-specific thinQtank® Learning publications to make the learning fun and engaging
- Extended hours of training, including scenario-based exercises
- **We do not teach the test.** We always deliver valuable, practical experience
- All reading material and study guides sent to you when you register
- Every course taught by certified instructors with real-world experience
- Retake any or all portions of the course for 24 months, in person or live online

TRAINING CAMP FORMAT

thinQtank® Learning delivers this course as a **two-day instructor-led training camp** with hands-on process exercises throughout and exam preparation at the end of day two. The balance of lecture and exercises is set to suit the group and the delivery method.

PREREQUISITES

- No formal prerequisites

TARGET AUDIENCE

- Team members who take part in improvement projects
- Front-line supervisors and process owners
- Operations, quality and administrative staff
- Anyone starting a Lean Six Sigma career path toward Green Belt
- Service members, veterans and military spouses using AF COOL, Army Credentialing Assistance, MyCAA or VET TEC 2.0

EXAM

IASSC Certified Lean Six Sigma Yellow Belt (ICYB™)

Questions	60 multiple choice
Duration	120 minutes
Passing score	70%
Format	Closed book; formula reference provided on screen
Delivery	PeopleCert online proctored exam
Renewal	Every three years

COURSE OVERVIEW

thinQtank® Learning is offering a unique two-day training camp comprised of two days of instructor-led learning that gives students the knowledge and skills needed to take part in Lean Six Sigma improvement projects — the DMAIC method, the basic tools for mapping and measuring a process, and the lean controls that keep gains in place.

Yellow Belts are the team members who make improvement projects work. The camp teaches the language and tools a Yellow Belt uses alongside Green and Black Belts, with hands-on exercises on real processes so students can contribute from day one.

This course prepares students to take the IASSC Certified Lean Six Sigma Yellow Belt (ICYB™) exam.

WHAT YOU WILL BE ABLE TO DO

- Pass the IASSC ICYB™ exam on the first attempt
- Explain Lean Six Sigma and the DMAIC method
- Map a process with SIPOC and a fishbone diagram
- Read basic process metrics and statistics
- Support a Green or Black Belt project as a team member

COURSE OBJECTIVES

Primary course objectives:

- Explain Lean Six Sigma, its history and how it improves business results
- Describe each phase of DMAIC and a Yellow Belt's role in it
- Build SIPOC, process maps and cause-and-effect diagrams
- Identify the seven wastes in a process
- Use key process metrics and basic descriptive statistics
- Apply lean controls: 5S, kanban and mistake proofing
- Contribute to control and response plans

EXCLUSIVE LEARNING PACKAGE

- ICYB™ reading plan and review guide
- ICYB™ practice exams
- Process mapping templates and worked examples
- Course video recordings for review
- Six months mentoring access to our instructors after completing the course

DELIVERY METHODS

- Instructor-led training
- Immersive live-online training
- On-site and custom delivery

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ICYB™ EXAM AT A GLANCE

60	120	70%	3 yrs
Multiple-choice questions	Minutes	Passing score	Certification validity

COURSE MODULES

01 Lean Six Sigma Basics

- What Lean Six Sigma is and why it works
- DMAIC and the roles on a project
- The seven wastes and value

02 Define and Measure

- SIPOC and process mapping
- Cause-and-effect (fishbone) diagrams
- Key process metrics and basic statistics

03 Analyze and Improve

- Finding the vital few causes
- Simple data analysis
- Generating and testing improvements

04 Control

- 5S, kanban and mistake proofing
- Control plans and response plans
- Sustaining the gains

A Appendices

- Appendix A: Booking and taking the IASSC exam
- Appendix B: Formula and table reference
- Appendix C: Glossary of Lean Six Sigma terms

PUBLIC CLASS SCHEDULE

Dec 14 – Dec 15, 2026	Sterling, VA	**Apr 26 – Apr 27, 2027**	Atlanta, GA	**Sep 13 – Sep 14, 2027**	Burbank, CA
Jan 04 – Jan 05, 2027	Atlanta, GA	**May 17 – May 18, 2027**	Burbank, CA	**Sep 27 – Sep 28, 2027**	Sterling, VA
Jan 25 – Jan 26, 2027	Burbank, CA	**Jun 07 – Jun 08, 2027**	Sterling, VA	**Oct 18 – Oct 19, 2027**	Atlanta, GA
Feb 08 – Feb 09, 2027	Sterling, VA	**Jun 28 – Jun 29, 2027**	Atlanta, GA	**Nov 15 – Nov 16, 2027**	Burbank, CA
Mar 01 – Mar 02, 2027	Atlanta, GA	**Jul 19 – Jul 20, 2027**	Burbank, CA	**Nov 29 – Nov 30, 2027**	Sterling, VA
Mar 22 – Mar 23, 2027	Burbank, CA	**Aug 02 – Aug 03, 2027**	Sterling, VA		
Apr 05 – Apr 06, 2027	Sterling, VA	**Aug 23 – Aug 24, 2027**	Atlanta, GA		

Every public class is also available live online. Private on-site classes can be scheduled for any week; call 855-TO-THINQ.

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TERMS

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