

27<sup>TH</sup> ANNUAL

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Building Champions: Constructing  
the Game Plan for Lean Success

# Certification, What's In It For Me?

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# Learning Objectives

Unearth how these certifications can elevate your expertise, support your team, and strengthen your organization.

Investigate how the certifications drive industry consistency around Lean application.

Discover next steps on your path to certification.

# Before We Get Too Far, What Is Certification?

# What is the LCI Certification?

LCI (Lean Construction Institute) offers certifications that focus on **Lean design** and **construction principles**.

The certifications are designed to **validate expertise in applying Lean methods effectively in real-world projects**.

They require a combination of work experience, knowledge assessments, and a portfolio submission.



**Developed by  
Industry Experts**



**Grounded in  
practical application  
and experience.**



**In accordance with  
National  
Standards.**



**Acknowledged by  
Owners.**

# KNOW THE DIFFERENCE

TRAINING CERTIFICATE	VS	INDUSTRY CERTIFICATION
Results from attending a course		Results from a rigorous assessment process
Open to anyone regardless of experience		Requires verified industry experience
Could be developed by anyone		Awarded by a standard-setting, national organization
No enforcement		Can be revoked for ethics or other violations
No standard or quality assurance		Standards are set through an industry-wide process
Could be listed on resumé but rarely offers any designation		Results in a designation to use after one's name

Training certificates are usually granted upon the successful completion of a designated educational program, course, or training designed to impart new skills, knowledge, or capabilities.

**Training Certificates are valuable on the journey**

Industry certifications consist of a formal procedure to validate an individual's practical experience in specific skills, knowledge, or competencies.



Scan to Learn More

# LCI Certification

Validate Experience. Elevate Results.



## Current State



### 2 Pathways

LCI-CPD (Design)  
LCI-CPC (Construction)



### 40 Certified

2 LCI-CPD  
38 LCI-CPC



### 25 SMEs

(program built & maintained by SMEs)

## What It Takes

Verifiable Lean Project experience.

**3+**  
Years of Experience

Knowledge Assessment:  
Multiple Choice

**150**  
Questions

Capabilities Assessment:  
Essay style questions

**7**  
Portfolio Prompts

## Results

Validates real-world  
Lean Project  
Capabilities

**120+**  
Years of Cumulative  
Experience Certified

Improves Cost &  
Schedule reliability

**3x**  
Per Dodge Analytics  
Study

International Certified  
Practitioners

**4**  
(2) India, (1) Canada,  
(1) Mexico

# Certification Lifecycle



# Knowledge Assessment

- 150 multiple choice questions virtual exam
- Scenario based – assess the situation and choose the appropriate response
- Proctored- so we keep the playing field consistent for everyone

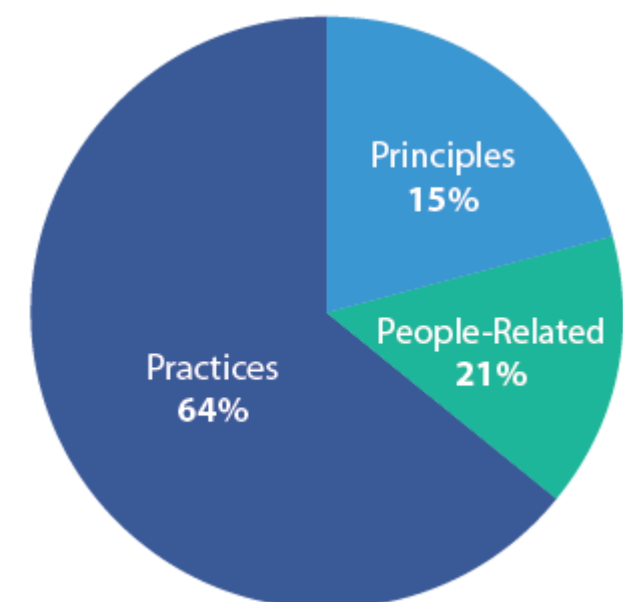
Domain / Sub-Domains	# Items
<b>Domain 1: Principles</b>	
1.1: Identify key features of a Lean culture	3
1.2: Recognize Lean Operating System (Lean Project Delivery System) as an organized implementation of Lean Principles and Tools supporting a Lean culture	3
1.3: Determine if actions represent Respect for People	3
1.4: Determine if actions represent Optimizing the Whole	2
1.5: Determine if actions represent Generating Value	3
1.6: Distinguish 8 types of Waste	2
1.7: Determine if actions reduce or eliminate waste	2
1.8: Determine if actions represent Focus on Flow	3
1.9: Determine if actions support Continuous Improvement/Plan Do Check Act (PDCA)	3
1.10: Identify key features of Integrated Project Delivery/IPD	2



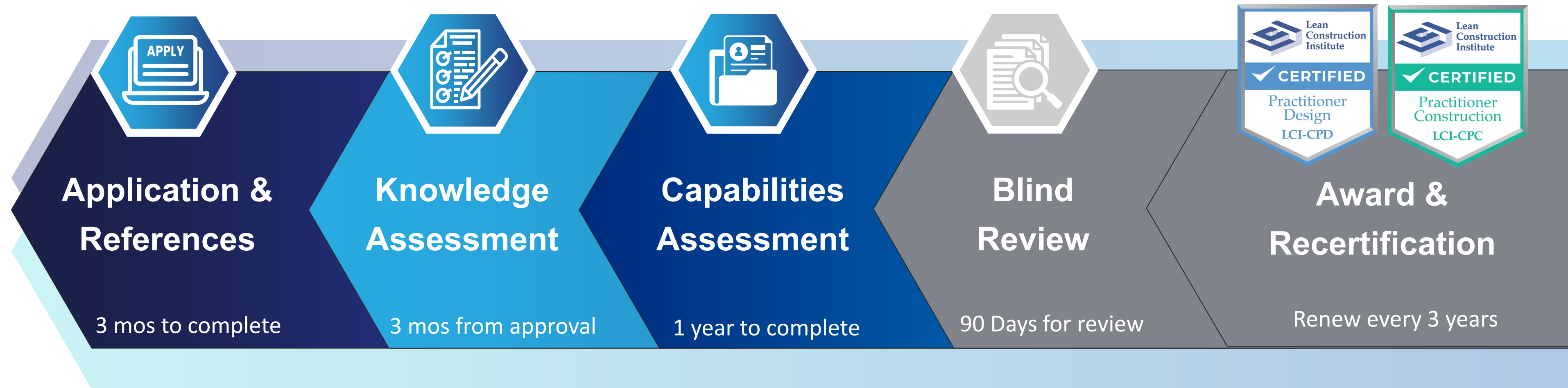
## LCI-CPC



## LCI-CPD



# Capabilities Assessment



## Capabilities Assessment

- Evaluates your current skills against certification criteria
- Assess depth of knowledge and practice with Lean principles through reflective prompts
- Evaluates all areas of a Lean practice and not just one tool within the system or practice

**VS**

## Portfolio

- Showcases completed projects and achievements
- Demonstrates expertise, style, and track record
- Provides tangible evidence of past performance

## Merged Approach Integrated Capabilities Assessment

- Reflective prompts to evaluate Lean thinking and capabilities
- Supporting artifacts showcasing specific areas
- Experience & Lessons Learned

# Handbook Check

## Capabilities Assessment Content Outline

Candidates will be asked to address questions and topics through examples from their experience on real-world projects. The tables below illustrate the major topics presented in the capabilities assessment. This is followed by an example for each part and the assessment scoring details.

## SECTION 1: Candidate must complete all seven prompts

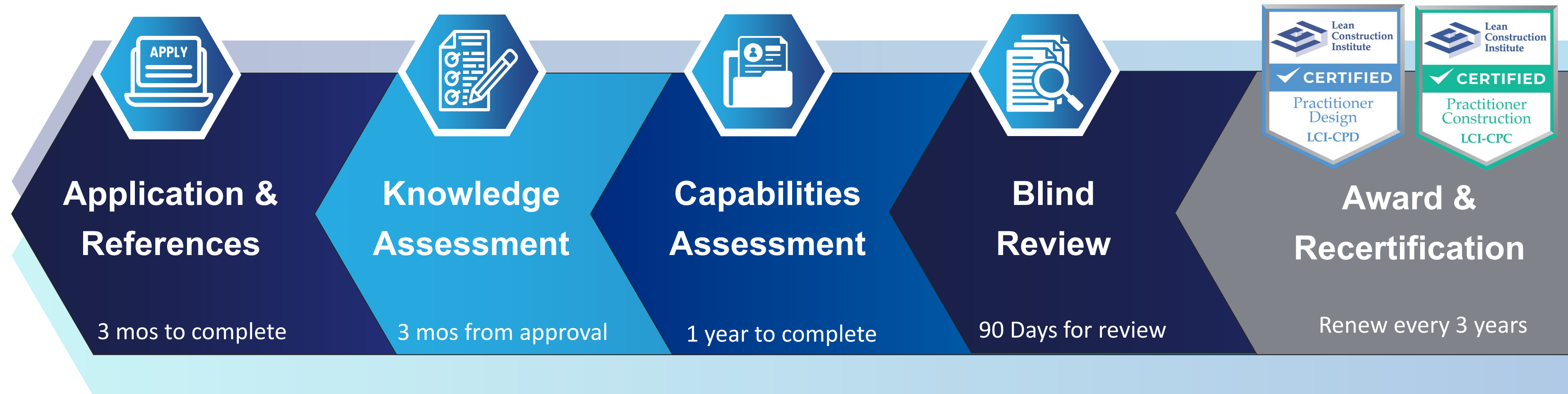
Prompt #	Prompt Name
1	Milestone planning – Part 1 and 2
2	Phase pull planning – Part 1 and 2
3	Lookahead planning – Part 1 and 2
4	Weekly work planning – Part 1 and 2
5	Learning / Improving: Daily huddles – Part 1 and 2
6	Learning / Improving: Percent plan complete – Part 1 and 2
7	Learning / Improving: Variance management – Part 1 and 2

## SECTION 2: Candidate must complete four of seven prompts

Prompt #	Prompt Name
8	Visual management – Part 1 and 2
9	Risk / Opportunity management – Part 1 and 2
10	Problem solving using A3 – Part 1 and 2
11	Root cause analysis / Five why – Part 1 and 2
12	Process mapping – Part 1 and 2
13	Conduct gemba walks – Part 1 and 2
14	5S Implementation – Part 1 and 2



# Blind Review



# Define Your Pathway

# LCI Certification

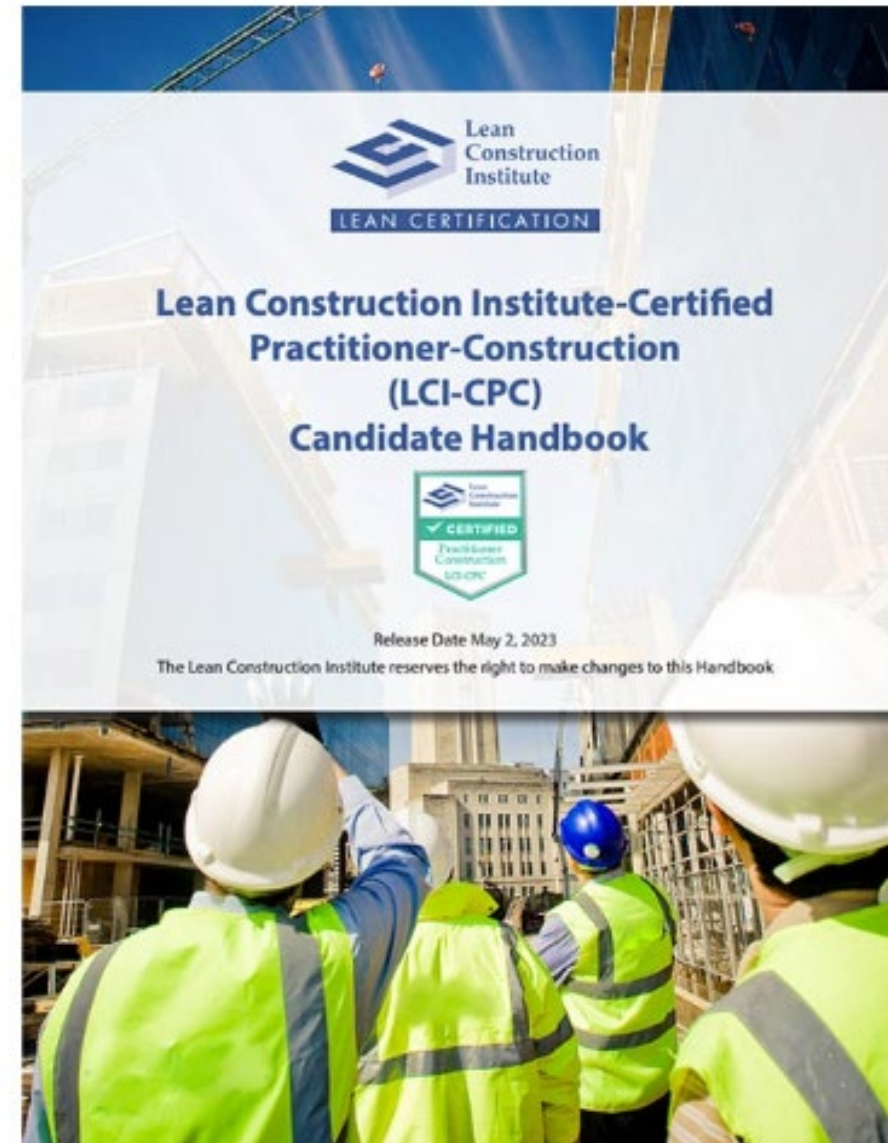
Are You Ready?



# Are you ready?



# Check the Handbooks



# The Pathway to Certification



Where are you on the learning pathways?

- Lean Learner
- Lean Apprentice
- Lean Practitioner
- Advanced Practitioner



# The Lean Funnel

**AGC EDGE**  
Virtual Education

Take the Lean Construction  
Education Program

**LEAN**  
CONSTRUCTION  
CERTIFICATE OF  
MANAGEMENT

Earn your CM-Lean

3 Years Practical Experience



Lean Construction Institute  
Transforming Design and Construction

Earn your  
LCI-CPC or  
LCI-CPD

You're an Advanced Practitioner

Scan to see  
course info!



# The Pathway to Certification

Where are you on the learning pathways?

- Lean Learner
- Lean Apprentice
- Lean Practitioner
- Advanced Practitioner

Map Your Path & Build Your Experience.

- AGC CM-Lean
- Communities of Practice
- Webinars & Workshops

Earn Your Certification

- 3+ Years of practical experience
- References
- Portfolio Artifacts

## Mapping Your Pathway to LCI Certification

Set Yourself Up for LCI Certification Success

Live Virtual Workshop

December 5, 2025 | 1:00 – 3:00 PM EST

LCI Certification is the nation's only capabilities-based Lean credential for construction and design, demonstrating both your Lean knowledge and proven ability to apply Lean Project Delivery practices to real-world projects.

If you're preparing for the LCI-CPC (Construction) or LCI-CPD (Design) certification, this interactive 2-hour virtual workshop is your essential guide!



Scan to Register



# LCI Certification

Are You Ready?

# QUESTIONS



[certifications@leanconstruction.org](mailto:certifications@leanconstruction.org)

# Start Your Path to LCI Certification



## Your Lean. Certified.

Make your Lean Project capability visible-from design through construction.

Help build the industry benchmark: **40** today → **100** next.

Answer 1 question → **\$100**  
off your application fee