

26TH ANNUAL



26TH LCI CONGRESS
OCTOBER 22-25, 2024

Certification, What's In It For Me?

Mattie Gagnon, Manager, Education & Certification

Tammy McConaughy, Director, Education & Certification

SURFING THE WAVE OF LEAN DESIGN AND CONSTRUCTION

Wednesday, October 23, 2024

Introductions



Mattie Gagnon,
Manager, Education & Certification



Tammy McConaughy,
Director, Education & Certification



Why are you interested in LCI Certification?

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Employer/Client Request

0

Professional Development/Credibility

0

Commitment to Lean

Login to edit this Menti

Takeaways

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 To 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.

Certification Lifecycle



Application & References

3 mos to complete



Knowledge Assessment

3 mos from approval



Capabilities Assessment

1 year to complete



Blind Review

90 Days for review



Award & Recertification

Renew every 3 years

Current State of Certification

Total Certificants

26

LCI-CPC
Launched

2022

Total Applicants
of CPC & CPD

140

LCI-CPD
Launched

2024

LCI-CPC Certificants

Leandris Weeden

Emily Lowe

Raymond Lota

Jeremy Atkinson

Steve Yots

Kent Hedges

Christina Gedeon

Brian Belvin

Christopher Vine

Tony Jacob

Michael Grus

Nicholas Loughrin

Blake Tormey

Felipe Engineer-Manriquez

Tyler Campbell

Sean Perry

Neal Panchuck

Andy Fulton

Eric Lusi

Andrea Klein

Dave Hagan

Michelle Taylor

Tanner Broughton

Margarrett Buschkamp

Melissa Quintana

LCI-CPD Certificants



CONGRATULATIONS to
our **FIRST** LCI-CPD certificant!

Jeremy Jones

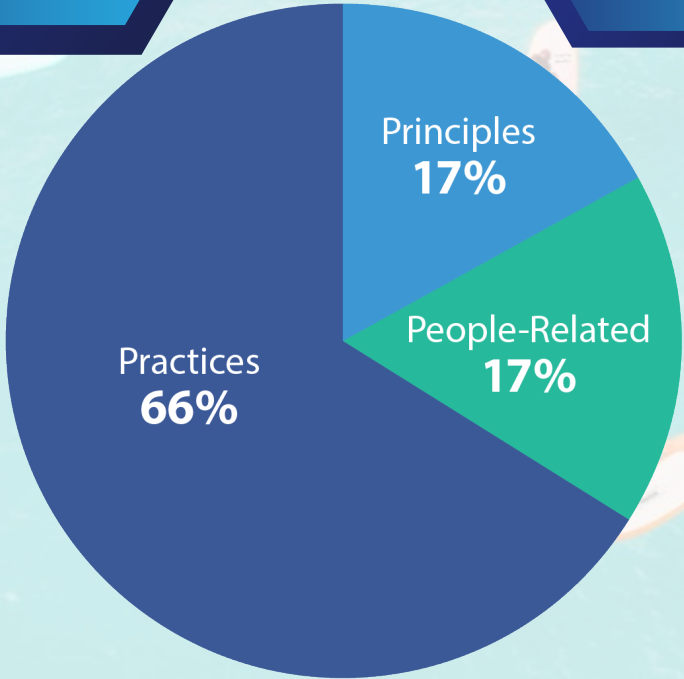
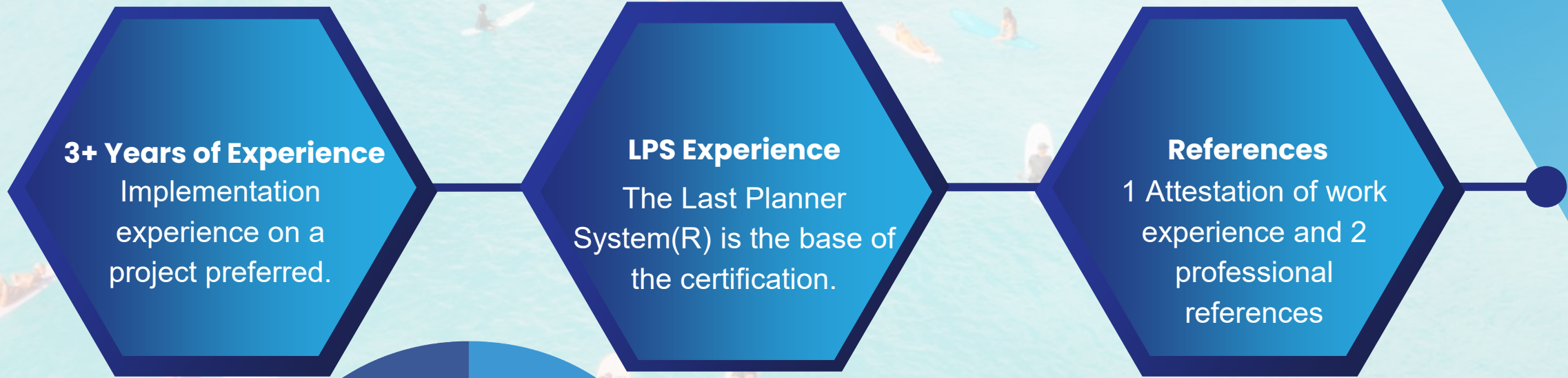
PE, LEED AP, LCI-CPD
Principal, Affiliated Engineers



Define Your Pathway



How do I know I am ready?



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



Code of Conduct: Agreement to comply with Certification Code of Conduct

The Pathway to Certification

Where are you
on the learning
pathways?

Map Your Path &
Build Your
Experience.

Earn Your
Certification

The Pathway to Certification

Where are you on the learning pathways?

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



The Pathway to Certification - Resources

eLearning

- Introduction to Lean Project Delivery
- Introduction to Last Planner System®
- Effective Big Room
- Target Value Delivery

Classroom Learning

- Introduction to Lean Project Delivery
- Introduction to Last Planner System®
- Mindset of an Effective Big Room
- Conducting Gemba Walks
- Kaizen
- 5S in Construction
- Intermediate Last Planner System®: Practical Application

Books

- (LCI) Transforming Design & Construction: A framework for Change
- (LCI) Target Value Delivery: Practitioner Guidebook
- Better Building: Lean Practice for the Project Delivery Organization
- The Lean Builder: A Builder's Guide to Applying Lean Tools in the Field
- Lean Construction Leaders: A Trade Partner's Guide
- Lean Project Delivery: Building Championship Project Teams
- The Pull Planning Playbook

Events

- Annual Congress (Fall)
- Design Forum (Spring)
- Community of Practice (CoP)
- Webinars

Reports/Workbooks/Templates

- Last Planner System® Workbook
- Last Planner System® Standard Work Guidelines
- Lean Deployment Guide
- Lean Learning Health Assessment Tool for Individuals
- Lean IPD Health & Maturity Assessment Tool for Teams
- Lean Contracting Strategy the P&G Way
- UHS Lean Project Delivery Guide
- Practitioner's Guide to Essential Lean Research
- Dodge Reports (3)

Additional

- LCI Webinars
- Lean Construction Journal
- LCI Blog
- Newsletter
- LCI Glossary of Lean Terms

Non-LCI Resources:

- AGC Lean Construction Education Program
- Construction Accelerator Series
- EBFC Show Podcast
- Specific Organizational Internal or Project Trainings



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.

- LCI eLearning
- Communities of Practice
- Webinars & Workshops
- LCI Recognized Learning Partners

Earn Your Certification

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

Tips & Tricks

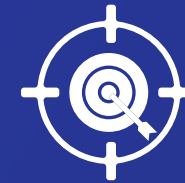


Tips & Tricks



KNOWLEDGE ASSESSMENT

- Everything you need to know is in the Handbook
- Review the Proctoring requirements
- Use the practice quizzes
- Read slowly & carefully
- This is a 3-hour test with no breaks-plan accordingly



CAPABILITIES ASSESSMENT

- Identify your role in the implementation
- Practitioner-part of the team, Coach, observer
- CAR – context, action, response
- Artifacts – collect now, and caption

QUESTIONS



certifications@leanconstruction.org



THANK YOU

ELEVATE YOUR LEARNING THROUGH PRACTICAL APPLICATION

**Take the Certification
Pledge Today!**

Scan the QR code to pledge
and receive **\$100 off** your
certification application fee!



certifications@leanconstruction.org

