



LEAN certification

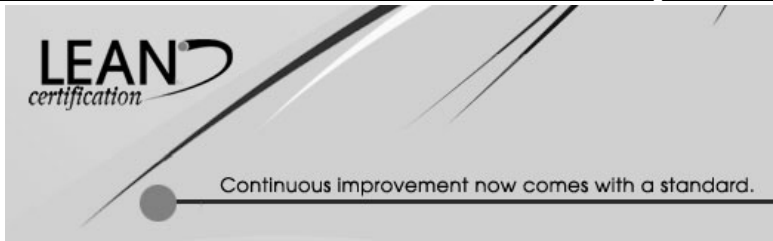
SME Chapter 105 is sponsoring a Lean Bronze Certification review and examination at the University of Memphis. The review will be led by **Linda Kelsey** of Cascade Engineering, Inc. Linda comes to Memphis as one of the few certification instructors in the nation.

The Lean Certification program is an opportunity to incorporate significant training and development. Lean Certification will standardize practices within organizations, regardless of size or industry. Unlike other programs in the market today, Lean Certification is awarded based on experience, education, and mentoring — and it must be renewed. The Bronze level is the first, followed by Silver and Gold, on the journey to complete expertise in knowledge and implementation of Lean.

The Lean Bronze Certification review (June 23) is offered to any and all individuals. Encouraged are interested individuals that want to explore what the certification is about, what the exam will encompass, and additional necessary steps to complete the Bronze Certification. For additional information, visit www.sme.org/leancert. Carl Williams (662)895-9628) or Lorelei Hudspeth (901)495-7710 will be glad to assist with additional questions and reserve your seat. **RSVP your seat today, as there is limited seating available!**

Linda Kelsey
Lean Organizational Consultant, Cascade Engineering, Inc.

- 29 years of manufacturing experience with last seven years in leadership role of implementing Lean at Cascade Engineering, Inc.
- Over 19-years of documented leadership, facilitation, and development of tools.
- Quality Engineer for six years.
- Manufacturing Engineer for six years.
- Conducted eight 3P events and conducted or participated in over 150 Kaizen events.
- Develop and maintain all training in-house for Lean Manufacturing at Cascade Engineering.
- SME local Chapter 38 — Vice-Chair, Chair of Certification Committee, Member of lean Committee and Great Lakes 2007 Conference Committee.



SME Chapter 105 will host The Lean Bronze Certification review sessions as follows:

Day 1— Bronze Certification review.
Friday June, 23 from 9:30am—6:00pm
Fogelman Executive Conference Center room 215
Cost: \$325 per person, limited seating
Price includes lunch, afternoon break with snacks and continuous beverages throughout the day.
This will be an intense, all day review.

Day 2— Certification Exam*
Saturday June, 24 from 1:00pm—4:00pm
Herff College of Engineering room ET216
Engineering Technology Building
Fees paid to SME prior to exam.

Accommodations can be arranged on an as needed basis for out of town guest.

**The following fees are in addition to the Lean Bronze Certification review sponsored by SME Chapter 105 and must be paid to SME prior to sitting for the exam.*

	APPLICATION FEE*	MEMBER EXAM FEES ¹	NON-MEMBER EXAM FEES
Lean Knowledge Certificate	\$50	\$245	\$490
Lean Certifications ²			
Lean Bronze Certification	\$200	\$245	\$490
Lean Silver Certification	\$250	\$295	\$590
Lean Gold Certification	\$300	\$295	\$590

The application fee for the certification levels covers the portfolio evaluation and/or interviews as required in the certification process.

¹ Member rate applies to member of the Society of Manufacturing Engineers and the Association for Manufacturing Excellence, and Shingo Prize Examiners

² Applicants may apply at any level of Lean Certification and pay the application fee for that level. Candidates are required to fulfill all requirements for the previous certification levels, which includes portfolio requirements, mentoring requirements, interviews, and examinations. Candidates pay the fee for the level at which they are applying, plus all examination fees. (e.g. if a member-candidate is applying for a Lean Silver Certification, they pay the \$250 application fee, and then will pay \$245 for the Bronze exam and \$295 for the Silver exam upon successful completion of Bronze).

Directions to the University of Memphis

From the North on Hwy. 51

South of Millington, turn left/east onto Paul Barret Pkwy. (also TN 385)
Turn right/west onto I-40
Follow the Sam Cooper Blvd. signs (it will split off of I-40 to the left)
Take the Highland St. exit and go left/south onto Highland
After four lights, turn left/east on Central

From the East on I-40

Follow the Sam Cooper Blvd. signs (it will split off of I-40 to the left)
Take the Highland St. exit and go left/south onto Highland
After four lights, turn left/east on Central

From the South on Hwy. 78

Take the Perkins St. exit and go right/north onto Perkins
Turn left/west on Park Ave.
Turn right/north on Goodlett
Turn left/west on Central

From the North on I-55

Follow I-40 signs
Go east on I-40
Take the Riverside Dr. exit and go right/south onto Riverside Dr.
Turn left/east on Union Ave. (Union will change names to Walnut Grove)
Turn right/south on Highland
Turn left/east on Central

From the South on I-55

Take the I-240 exit to Nashville (keep right)
Take the Getwell North exit (exit 20B)
Follow Getwell north until it ends at Park Ave.
Turn right/east onto Park Ave.
Drive one block and turn left/north onto Goodlett St.
Cross the railroad tracks to Central Ave.
Turn left/west on Central

June Dates for optional open Q&A Discussion:

These are informal, structured discussions on test content. There is no charge for these discussions.

Saturday, June 3—*Decoding the DNA of the Toyota Production System* and *Learning to See: Value Stream Mapping to Create Value and Eliminate Muda*
9:00—noon U of M ET 216

Saturday, June 10—*Gemba Kaizen: A Commonsense, Low-Cost Approach to Management* and *Lean Production Simplified: A Plain-Language Guide to the World's Most Powerful Production*
9:00—noon U of M ET 216

Saturday, June 17—*Lean Thinking: Banish Waste and Create Wealth in Your Corporation* and general questions in reference to the books
9:00—noon U of M ET 216

Recommended Reading—Prior to Exam Review: These are core reference materials upon which the exam for Bronze Lean Certification are based. *It is strongly recommended these books are read prior to exam review.* Linda Kelsey will guide the review participants on how to navigate the exam, using the recommended reading material. The exam is an open-book format. You may bring the exam reading books with you when you take your test. You must pass a 150-question, 3-hour examination.

Decoding the DNA of the Toyota Production System, Steven Spear and H. Kent Bowen, Harvard Business Review, September 1999, <http://hbswk.hbs.edu/item.jhtml?id=869&t=operations>

Gemba Kaizen: A Commonsense, Low-Cost Approach to Management
Masaaki Imai, McGraw-Hill March 1997, ISBN: 0070314462

Lean Production Simplified: A Plain-Language Guide to the World's Most Powerful Production System
Pascal Dennis, Productivity Press Inc, August 2002, ISBN: 1563272628

Lean Thinking: Banish Waste and Create Wealth in Your Corporation, Second Edition (Chapters 1-5 for the Knowledge Certificate & Bronze Certification; entire book for Silver & Gold Certification)
James P. Womack and Daniel T. Jones, Free Press, June 2003, ISBN: 0743249275

Learning to See: Value Stream Mapping to Create Value and Eliminate Muda
Mike Rother and John Shook, Lean Enterprise Institute, June 2003, ISBN: 0966784308



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