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16.660 / 16.853 / ESD.62J Introduction to Lean Six Sigma Methods
January (IAP) 2008

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Why Am I Here?

Learning Objectives

At the end of this module, participants will be able to:

- **Name the Instructors and others in class**
- **Identify class VALUE scores**
- **Align with course expectations and course schedule**



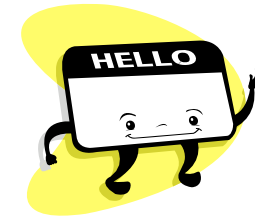
Meet the Instructors

- **Al Haggerty**
- **Hugh McManus**
- **Earl Murman**
- **Annalisa Weigel**



Why Icebreakers?

- **Provides a common starting point – the shared experience**
- **Gets everybody communicating**
- **People tend to speak more “freely” amongst people once they “know” – drives better results**
- **Relieves tension**



Value of The LAI Lean Academy® Course

- You will gain a basic understanding and working knowledge of lean six sigma fundamentals
- You will gain an appreciation and insight into important enterprise level topics
- Few courses are yet available that cover the material in the LAI Lean Academy sessions
- LAI consortium companies want their employees to have this knowledge and training
- Bottom line: At the end of the course, you will be better prepared to contribute to your current or future organization's lean journey

Course Schedule

	Day 1	Day 2	Day 3	
8:00	1-1 Why Am I Here? - 45 min	Icebreaker & Day 1 Recap	Icebreaker & Day 2 Recap	8:00
8:30		2-1 Lean Enterprise Simulation Segment I - 90 min	3-1 Accounts Payable II: VSA - 60 min	8:30
9:00	Break - 10 min			9:00
9:30	1-2 The Start of Your Lean Journey - 50 min		Break - 15 min	9:30
10:00	Break - 15 min	Break 15 min	3-2 Variability Simulation - 45 min	10:00
10:30	1-3 Enterprise Leaders' Talk - 45 min	2-2 Lean Supply Chain Basics - 45 min	Break - 15 min	10:30
11:00	Break - 15 min	2-3 Lean Enterprise Simulation Segment II - Lean Thinking Refresh and Change Planning- 75 min	3-3 Quality Tools and Topics - 45 min	11:00
11:30	1-4 Lean Thinking - 75 min		Break - 15 min	11:30
12:00		Lunch - 45 min	3-3 Quality Tools and Topics (Continued) - 45 min	12:00
12:30	Lunch - 45 min		Lunch - 45 min	12:30
1:00	1-5 Lean Office or Home Video - 30 min	2-3 Lean Enterprise Simulation Segment II - 60 min	3-4 Guest talk on Lean Eng'g or Office application - 30 min	1:00
1:30	Break - 15 min		Break - 15 min	1:30
2:00	1-6 Value Stream Mapping (VSM) Fundamentals - 45 min	2-4 Lean Engineering Basics - 60 min	3-5 People: The Heart of Lean - 75 min	2:00
2:30	Break - 15 min			2:30
3:00	1-7 Plant Tour & Debrief (includes travel time) - 120 min	Break 15 min	Break - 15 min	3:00
3:30		2-5 Lean Enterprise Simulation Segment III - Refresh and Change Planning- 45 min	3-6 Implementing Lean - 90 min	3:30
4:00		2-5 Lean Enterprise Simulation Segment III - 45 min		4:00
4:30		2-6 Accounts Payable I - 15 min		4:30
5:00	Wrap up - 15 min	Wrap up - 15 min	Wrap up - 15 min	5:00
	Social TBD	Case Study Homework	Graduation celebration	

LAI Lean Academy® Course Learning Objectives

At the end of this course, participants will be able to:

- 1. Recognize the need for lean six sigma and its value to an organization**
- 2. Explain why lean six sigma is important for their career**
- 3. Explain lean six sigma initiatives within an organization, and their relation to course curriculum**
- 4. Describe opportunities for applying lean six sigma in their work**
- 5. Contribute to a lean six sigma improvement implementation project**

“Run Rules” for the Course

- **Be here for all sessions, and be on time**
- **Minimize disruptions (cell phones and laptops off!)**
- **Ask questions!**
 - **Questions during sessions are welcome - only caveat is answers may have to be limited due to schedule**
 - **Instructors will be available on breaks, lunch, etc. for individual questions**
 - **Use “muddy cards” (3x5) for feedback, general questions or concerns**
- **Maintain an environment of mutual respect**
- **Have fun!**