

# Introduction to Lean Thinking & Practice

## Course Concept Map

Start Here!

- Welcome Video
- Course Description, Learning Objectives, and Organization Summary (0.1)
- Course Pre-Work (0.2 to 0.3)


### Unit 1: Value

#### Module 1: (1.1.1 to 1.1.9)

- What is Lean?
- A Brief History of Lean
- The Lean Transformation Framework

#### Module 2: (1.2.1 to 1.2.8)

- True North
- Value & Waste
- PDCA

 Personal Reflection

### Unit 2: Work

#### Module 1: (2.1.1 to 2.1.6)


- Basic Thinking of Work
- Problem-Solving

#### Module 2: (2.2.1 to 2.2.6)

- Value Stream, Flow
- Push / Pull System
- Kaizen, Perfection

#### Module 3: (2.3.1 to 2.3.22)


- Diagnostic vs. Interventional Tools
- Gemba
- Spaghetti Diagrams
- 5S, Visual Workplace
- Process Mapping, Time Studies
- Value-Stream Mapping
- Standardized Work
- Kanban

 Personal Reflection

### Unit 3: People

#### Module 1: (3.1.1 to 3.1.9)

- Developing People's Capability

 Personal Reflection


### Unit 4: Management Systems

#### Module 1: (4.1.1 to 4.1.6)

- Philosophy
- Humble Inquiry
- Go See, Ask Why, Show Respect

#### Module 2: (4.2.1 to 4.2.7)


- The A3
- Hoshin

 Personal Reflection

### Unit 5: Basic Thinking

#### Module 1: (5.1.1 to 5.1.7)

- Basic Thinking

 Personal Reflection

Finish Here!

- Course Post-Work (6.1 to 6.3)
- Final Course Survey\*

5/2016

\* Must complete this feedback survey to qualify for a completion certificate.