

The Flow System – Visualization and Mapping (FL-M4)

Syllabus

Description of Course

The Visualization and Mapping (FL-M4) master's course is a continuation of the content learned in the Flow Thinking Advanced Course (FL-A1) and the previous master-level courses (FL-M1, FL-M2, FL-M3). This course introduces participants to a number of different visualization and mapping techniques to aid them in the workplace.

This course presents advanced techniques in Value Stream Mapping and continues to Value Stream Design. Wardley Mapping, a technique for business strategy and prioritization, is covered along with how these techniques support the evolution of products and services.

This course explores the expanded use of ANDON and Mieruka, and how these concepts can transform an organization's insight while reducing time to market (TTM) and cost of delivery (COD).

Duration of Training

The Visualization and Mapping (FL-M4) master's course requires 16 hours of training and can be taken as a two-day in-person training session, an online live virtual class, or as an asynchronous self-paced online training using The Flow System's learning management system (LMS). This course can be taught publicly or privately to any organization.

Participants must complete the training before receiving a code allowing them to take the Visualization and Mapping (FL-M4) assessment for accreditation. The fee for the assessment is included in the course fee for training attendees.

At the master's level, participants will demonstrate an ability to apply the new knowledge and complete an online assessment. The master's level courses' application portion will be reviewed by peers and industry experts in their chosen field.

Participants who attend the training will have two attempts at the Visualization and Mapping (FL-M4) assessment. Participants who wish to forgo the training and jump straight to the assessment may do so but must first buy a

code and will only have one attempt as opposed to two for people taking the training. You can buy a code below by clicking ‘Take Assessment.’

Objectives of Course

This course is designed to introduce participants to the different techniques for visualizing and mapping flow, concepts, value, among other concepts. Upon completion of this course, participants will have a better understanding of how to visualize or map workflow to show value. The objectives of this course include:

- Describing when to visualize work and value.
- Describe different visualization techniques.
- Explain the main steps toward developing a concept/ mental map.
- Create a Value Stream Design map.
- Understand and design ANDON displays.
- Define effective visual controls (Mieruka).
- Explain how these techniques can improve growth and reduce costs.
- Demonstrate how these techniques support team effectiveness.
- Demonstrate how these techniques support a Distributed Leadership Model.
- Explain how these techniques enable psychological safety and why this is important.
- Explain how these concepts connect to the flow of value.
- Explain how these techniques can support Customer 1st.
- Exhibit the ability to improve quality using these techniques.
- Define an effective strategy using Wardley Maps.

Outline of Course

- Introductions
- Overview of the Course
- Visualization Techniques
- ANDON and Mieruka
- Mapping Techniques
- Design vs Mapping
- Advanced Value Stream Mapping
- Wardley Mapping for Business
- Wardley Mapping for Strategy
- Practice Mapping Techniques
- Create and Present a Visualization Map
- Create and Present a Wardley Map
- Teams and Leadership
- Techniques for Portfolio and Growth

The Flow System Advanced Accreditation

Participants completing the Foundations (FS-1) training (in-person) or the Foundations (FS-1) course (online), or those who wish to only take the Foundations accreditation exam without participating in training or an online course, can take the exam at any time. Participants who complete training (face-to-face or online) will have two attempts at the exam. Participants who wish to forgo any training may do so and pay to take the exam. Participants who skip any training will have one chance to pass the exam. Upon passing the Foundations Exam, participants will receive a Certification of Completion for The Flow System Foundations Course. Once a Certification of Completion for The Flow System Foundations Course has been obtained, participants can continue to any of the Advanced Courses (see Figure 1). The Flow System Training Map can be found in Figure 1 provided below.

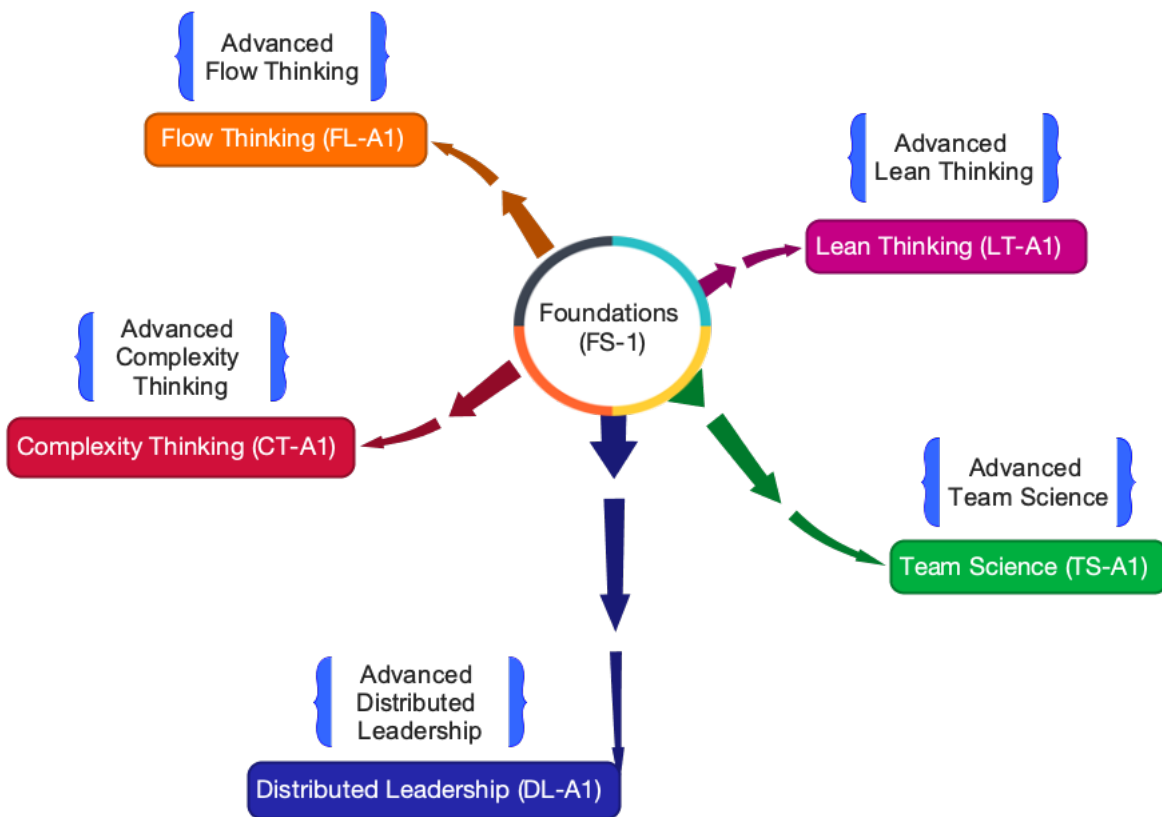


Figure 1: The Flow System Foundations and Advanced Courses

The Flow System Masters Accreditation

There are a total of five master level accreditations to choose from, one to accompany each advanced course. Once the foundations course (FS-1) and the selected advanced course has been successfully completed and the accreditation exam passed, participants can continue to take courses at the master level within the chosen advance track. Participants can only continue to the master level courses after achieving the appropriate advanced accreditation. For example, before taking any of the flow thinking master level courses (FT-M1 through FT-M5), the foundations (FS-1) and flow thinking advanced (FT-A1) courses must first be successfully completed.

The master level courses for the Flow Thinking track include the following courses:

- Customer 1st (FT-M1)
- Scrum the Toyota Way (FT-M2)
- Scaling Agility (FT-M3)
- Visualization and Mapping (FT-M4)
- Advanced Flow Metrics (FT-M5)

A master level accreditation in Flow Thinking will include the following path:

1. Mastery Complexity Thinking Accreditation
 - a. Accredited in the Foundations (FS-1) course
 - b. Accredited in the Flow Thinking (FT-A1) Advanced course
 - c. Successful completion of all 5 Mastery Flow Thinking courses
 - i. Customer 1st (FT-M1)
 - ii. Scrum the Toyota Way (FT-M2)
 - iii. Scaling Agility (FT-M3)
 - iv. Visualization and Mapping (FT-M4)
 - v. Advanced Flow Metrics (FT-M5)
 - d. Pass Mastery Lean Thinking Accreditation Exam

Courses	Course Completion & Exam	Accreditation
Foundations Course		Foundations Accreditation
Advanced Course Flow Thinking		Advanced Flow Thinking Accreditation
Mastery Flow Courses FL-M1 + FL-M2 + FL-M3 + FL-M4 + FL-M5		Mastery Flow Thinking Accreditation

Trainers

The Flow System Foundations Course (in-person) will be administered by the co-creators of The Flow System and/or by certified TFS trainers. The online courses will only be administered and monitored by the co-creators of The Flow System. All trainers are considered experts in their field of practice/study and have a command of the materials that are presented in The Flow System Foundations Course.

Recommended Readings

The Flow System Reading Materials include 1) *The Flow System: The Evolution of Agile and Lean Thinking in an Age of Complexity*; 2) *The Flow System Guide*; and 3) *The Flow System: Key Principles and Attributes*.

- 1) *The Flow System: The Evolution of Agile and Lean Thinking in an Age of Complexity*

Available from Amazon.

Hardback:

<https://amzn.com/1680400584/>

Kindle:

<https://amzn.com/B08NXPGMSC/>

- 2) *The Flow System Guide*

Available online (free)

<https://flowguides.org/index.php>

Amazon book (print-to-order)

<https://amzn.com/B085KN39FP>

Amazon Kindle Format

<https://amzn.com/B085PQFXFN/>

- 3) *The Flow System: Key Principles and Attributes*

Amazon book (print-to-order)

<https://amzn.com/B085DQB92N/>

Amazon Kindle Format

<https://amzn.com/B085DHFNMT/>