The Flow System – Advanced Flow Metrics (FL-M5)

Syllabus

Description of Course

The Advanced Flow Metrics (FL-M5) 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, & FL-M4). This course provides participants with the opportunity to practice their learning from the previous master-level courses.

This course will incorporate previous knowledge and techniques from previous courses and provide additional advanced techniques for mapping and visualizing the flow of value. Participants will be able to calculate and map different aspects of a single process and for a set of processes, and visualize complex workstream and product delivery lifecycles.

Duration of Training

The Advanced Flow Metrics (FL-M5) 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 Advanced Flow Metrics (FL-M5) 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 Advanced Flow Metrics (FL-M5) 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 will equip participants with advanced skills to support organizations to better understand how products and services can be optimized. The tools and techniques learned will provide participants with the ability to help organizations build better processes and more effective teams.

The materials and exercises found in this course will provide participants with the ability to practice their skills and to identify how they can support their organization. Participants will be able to implement practices that build upon an organization's transparency, psychological safety, team performance, and process optimization.

Participants will develop a flow map to show how value is being delivered to their customers. This flow map will incorporate all the knowledge and techniques learned in previous courses. Participants will present their flow maps at the end of the course, provide feedback to their peers, and receive feedback on their flow maps.

The objectives of this course include:

• Exhibit advanced visualization skills.
• Exhibit advanced mapping skills.
• Exhibit the ability to visualize advanced flows of value.
• Explain the processes required to complete an advanced value map.
• Present a value-based map created during the course.
• Explain advanced formulae for measuring the flow of value.

Outline of Course

• Introductions
• Overview
• Identify a Problem/Project
• Define the Problem's Boundaries, Context, and Setting
• Develop Visualization and Maps to Show Value Throughout the Project
• Present the Value Project to Peers
• Utilize Various Techniques to Map Value and Flow
• Flow Formulas
• Identifying Connections to Team Effectiveness
• Organizational Performance
• Present and Review Value Maps

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.
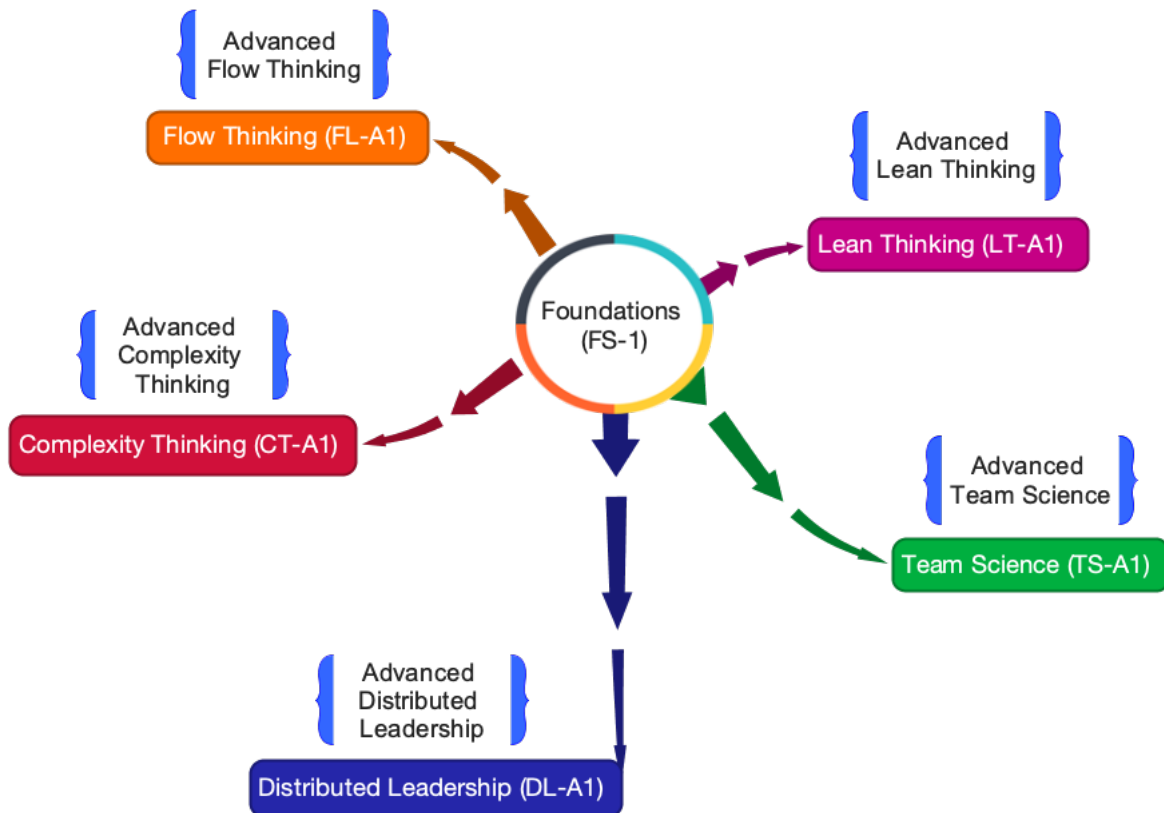

Figure 1: The Flow System Foundations and Advanced Courses

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

3

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	⭐ (green)	Foundations Accreditation
Advanced Course Flow Thinking	⭐ (orange)	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 administrated 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/