

The Flow System – Scrum the Toyota Way (FL-M2)

Syllabus

Description of Course

The Scrum the Toyota Way (FL-M2) master's course is a continuation of the content learned in the Flow Thinking Advanced Course (FL-A1). This course provides an introduction to lean and scrum techniques, based on the award-winning course Nigel Thurlow created for Toyota.

The Scrum the Toyota Way course brings together Lean and Agile disciplines in a unique way. Participants will learn Scrum the way the creators intended it to be taught along with learning the roots of the Toyota Production System - the tools and techniques that made Toyota the 'Gold' standard in Lean.

Participants will learn how Toyota implements Scrum. Participants will learn to apply systems thinking concepts, lean tools and behaviors, the Scrum framework, and other Agile techniques. This course does not provide a one-size-fits-all approach, it's just deep learning of Scrum coupled with many of the patterns used by some of the best Agile teams in the world.

Participants can learn how to use Scrum to build amazing teams and create an environment for success. In this course, participants will be able to apply Toyota's thinking and tools to enable greater agility and to deliver Customer 1st value.

Duration of Training

The Scrum the Toyota Way (FL-M2) 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 Scrum the Toyota Way (FL-M2) 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

Participants who attend the training will have two attempts at the Scrum the Toyota Way (FL-M2) 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

Participants who participate in this unique course will learn a common language and knowledge base around the Scrum framework, gaining the ability to begin practicing Scrum or to interact with other teams utilizing Scrum approaches.

Participants will gain a deep understanding of the Toyota Productions System and how Toyota's DNA is deeply intertwined with Scrum and Agile. Participants will learn how to identify non-value-added work and how to optimize product flow. Upon completion, participants will have a better understanding of the following concepts:

- Describe the basics of Lean, Scrum, and Value.
- Differentiate between Scrum and Waterfall.
- Explain the Scrum framework.
- Develop a definition of done.
- Apply a definition of ready.
- Explain how to use Scrum for product development.
- Describe how to build effective Scrum teams.
- Explain the roles, artifacts, values, and events of Scrum.
- Describe how PDCA, Scrum, and empiricism are related.
- Describe the components of the Toyota Production System & the Toyota Way.
- Explain how to use Scrum in fixed-price projects.
- Develop a product backlog and user stories.
- Exhibit the ability to manage a product backlog.
- Develop a Value Stream Map.
- Exhibit how to apply estimation techniques.
- Describe Agile budgeting techniques.
- Describe planning and forecasting techniques.

Outline of Course

- Introductions
- Overview (TFS, Customer 1st, Flow Thinking)
- The basics of Lean, Scrum, and Value

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- Scrum vs Waterfall
- Product Backlog
- Prioritization Techniques
- Estimation Techniques
- Value Stream Mapping
- Basic Scrum Scaling
- Key Scrum Patterns
- Scrum Artifacts, Roles, and Events
- Differences Between Lean, Scrum, and Agile
- How the Toyota Way and TPS is built into Scrum and Agile
- Setup Scrum Teams and Practice Effective Teamwork
- The Role of Management
- Agile Forecasting, Budgeting, and Release Planning

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.

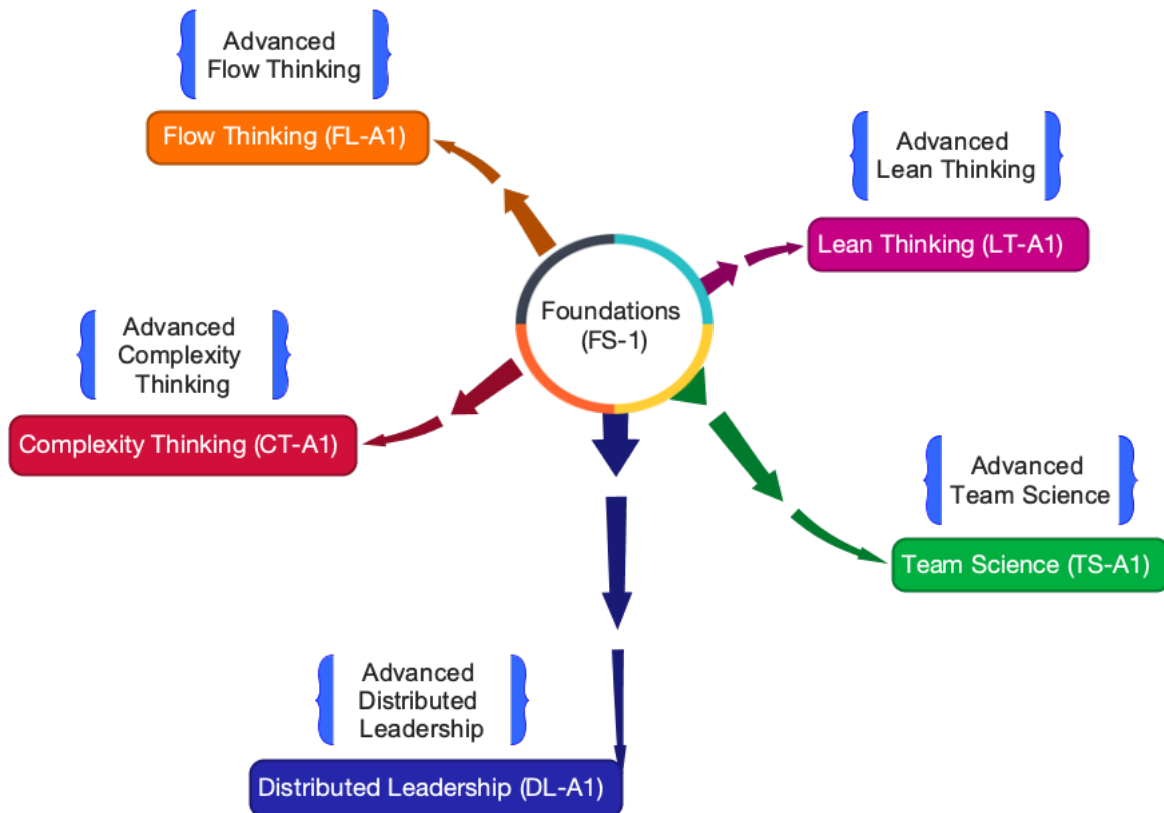


Figure 1: The Flow System Foundations and Advanced Courses

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

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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 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/>