

Team Science Advanced Course (TS-A1)

Syllabus

Description of Course

The Team Science (TS-A1) advanced Course provides an overview of team science and how the field of team science applies to the workplace. Participants will gain an understanding of evidence-based practices that apply to the team and small group settings in the workplace while learning different techniques for applying these lessons in the real-world.

The Team Science advanced course introduces participants to the concepts that will be covered in the Team Science Mastery level courses. The Team Science Mastery courses include Teamwork Skills & Training (TS-M1), Taskwork & Estimation (TS-M2), Team Effectiveness (TS-M3), High Performance Teams (TS-M4), and Designing Multiteam Systems (TS-M5).

Duration of Training

The Team Science (TS-A1) advanced 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 Team Science (TS-A1) advanced level assessment for accreditation. The fee for the assessment is included in the course fee for training attendees.

Participants who attend the training will have two attempts at the Team Science (TS-A1) advanced level 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 an advanced course in which participants should have an understanding of The Flow System Foundations (TFS-1) and must have

successfully completed the Foundations exam. This course serves as the foundational course for all the mastery level training in the Team Science Master Track. After successfully completing this course participants should be able to:

- Define dyads, groups, and teams.
- Identify when teams are needed and when teams are not needed.
- Differentiate between independent and interdependent task work.
- Identify the necessary components in team composition
- Describe the elements of a team; teamwork and task work.
- Describe the different team transition phases (transition, action, interpersonal).
- Describe the components that makeup teamwork (the 9-Cs).
- Describe the components of team effectiveness.
- Identify different techniques for designing and conducting team training.
- Describe different methods for evaluating teams.
- Describe what constitutes a multiteam system (MTS).

Outline of Course

- Introductions
- Overview (TFS, Customer 1st, Team Science)
- Teams and Essential Concepts/Terminology
- Team Transition Processes
- Task work
- Teamwork
- Team Evaluation and Briefing/Debriefing
- Team Effectiveness
- Team Leadership Models
- Team Training
- Multiteam Systems (MTS)

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.

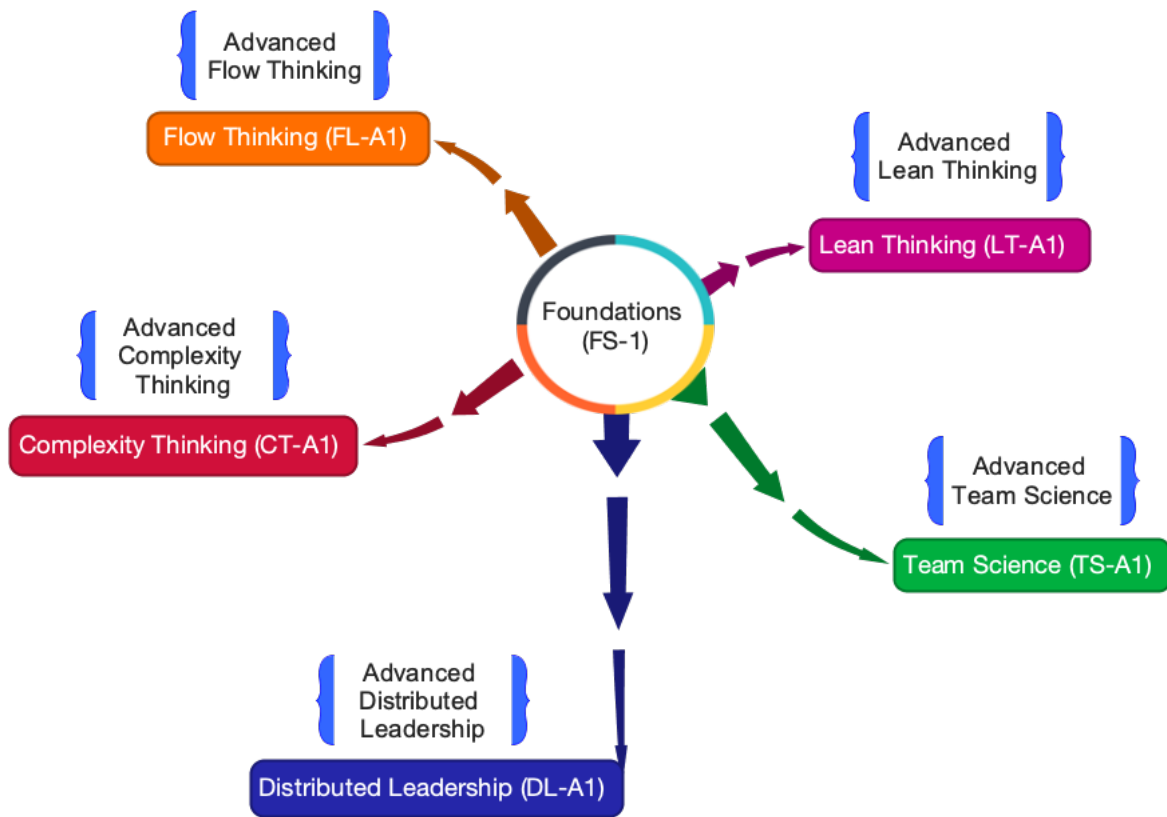


Figure 1: The Flow System Foundations and Advanced Courses

The Flow System Masters Accreditation

There are a total of five master level accreditations to choose from. 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. Participant can only continue to the master level courses after achieving the appropriate advanced accreditation. For example, before taking any of the team science master level courses (TS-M1 through TS-M5), the foundations (FS-1) and team science advance (TS-A1) course must first be successfully completed.

The master level courses for the Team Science track include the following courses:

- Teamwork Skills & Training (TS-M1)
- Taskwork & Estimation (TS-M2)
- Team Effectiveness (TS-M3)
- High Performance Teams (TS-M4)
- Designing Multiteam Systems (TS-M5)

A master level accreditation in Team Science will include the following path:

1. Mastery Team Science Certificate of Completion
 - a. Certified in the Foundations course
 - b. Certified in the Team Science Advanced course
 - c. Successful completion of all five Mastery Team Science courses
 - i. Teamwork Skills & Training (TS-M1)
 - ii. Taskwork & Estimation (TS-M2)
 - iii. Team Effectiveness (TS-M3)
 - iv. High Performance Teams (TS-M4)
 - v. Designing Multiteam Systems (TS-M5)
 - d. Pass Mastery Team Science Accreditation Exam

Courses	Course Completion & Exam	Certification
Foundations Course		Foundations Accreditation
Advanced Course Team Science		Advanced Team Science Accreditation
Mastery Team Science Courses TS-M1 + TS-M2 + TS-M3 + TS-M4 + TS-M5		Mastery Team Science 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/>