

APICS CTSC - Certified in Transformation for Supply Chain



ASCM - Association
for Supply Chain Management



APICS CTSC - Certified in Transformation for Supply Chain

Supply chain transformation can help companies **to achieve a competitive edge, improve financial performance, and provide better customer service**. It increases collaboration between different departments, suppliers, and partners, leading to better communication and alignment of business objectives throughout the whole supply chain.

The CTSC covers **frameworks, strategies, processes, tools and technologies to manage an end-to-end supply chain transformation**. It leverages components of globally recognized industry standards, including the ASCM SCOR Digital Standard (DS), Enterprise Standards for Sustainability and the Digital Capabilities Model (DCM) to:

- Identify risks and opportunities, and select the appropriate philosophies, frameworks, models, and approaches to effect transformation;
- Apply systems thinking to develop, analyze, verify, and validate concept alternatives for transformation;
- Manage skills, roles, responsibilities, and infrastructure needed for successful supply chain transformation;
- Identify tools and technologies to enable effective supply chain transformation;
- Identify and implement strategies for reinforcing and replicating improvements.

CTSC

CERTIFIED IN TRANSFORMATION FOR SUPPLY CHAIN



Benefits for the participant

This certification will equip candidates with the skills and knowledge to become **certified Transformation Leaders**, capable of leading major Supply Chain projects from inception to completion. By earning the CTSC certification, candidates will differentiate themselves in the competitive job market, create real value to their companies, and **develop as Champions**.





Detailed Program

→ 1. Supply Chain Transformation Overview

Section A: Supply Chain Transformations

- Define and Classify the Types of Supply Chains
- Understand the Supply Chain Maturity Stages
- Understand Organizational and Business Unit Strategies
- Understand Supply Chain Strategies
- Explore Business Cases for Transformation and a Transformation Road Map
- Supply Chain Transformation Leadership and Culture

Section B: Value Proposition, Methodologies, and Organizational Design

- Understand Value Propositions and Value Chains
- Research Models, Frameworks, and Benchmarking Tools
- Explore Cost and Service Optimization Road Maps
- Understand Business Context

Section C: Drivers of Supply Chain Transformation

- Customer, Culture, and Capability Drivers of Supply Chain Segmentation
- Discuss Benchmarking and Business Value

Additional Digital Information Technology for Supply Chains

- Technologies within the Digital Supply Chain

→ 2. Preparing for Supply Chain Transformation

Section A: Select Supply Chain Transformation Drivers

- Create Portfolio Charter and Select Supply Chain Transformation Tools
- Supply Chain Transformation Drivers
- Strategic Imperatives
- Digitalization and Data Management Technology
- Product and Service Technologies
- Maturity Assessments
- Identify Common Misalignments

Section B: Assess Supply Chain Current State

- Define To-Be Metrics and Use Them to Analyze As-Is Performance
- Prioritize the Supply Chain to be Designed, Set Attribute Targets, Map, and Benchmark
- Create Detailed As-Is Maps, Models, and Diagrams
- Perform Gap Assessments

Section C: Conceptualize the Future-State Supply Chain Operating Model

- Prioritize Defects, Identify Projects, and Analyze Alternatives
- Create To-Be Models, Simulations, and Capability Sets

Section D: Identify Initiatives to Address Gaps

- Identify and Scope Transformation Initiatives
- Sequence and Prioritize Initiatives

Section E: Initiate Transformation Work Streams and Projects

- Create Project Charters and Hold a Transformation Program Kickoff
- Develop Resource Management Plan
- Document Stakeholder and Communication Management Plans
- Document Change Management Plan(s)

Section F: Develop and Iterate Preliminary Transformation Business Cases

- Use a Business Case Development Process and Set Targeted Value Drivers
- Quantify Financial Value of Supply Chain Improvements
- Determine Resources Needed and Estimate Cost and Schedule
- Select Transformation Program KPIs
- Craft Messaging Content

Section G: Perform Post-Approval Tasks

- Assemble Project Portfolio
- Validate Costs, Schedules, Resources, and KPIs
- Refine Supply Chain Transformation Business Case
- Establish and Align Portfolio Governance and Draft Execution Plans

→ *3. Executing Supply Chain Transformation*

Section A: Adopt a Change Management Plan

- Select and Tailor Change Management Method
- Assign Change Management Roles and Responsibilities
- Provide Planned Communications and Training
- Identify and Implement Incentives

Section B: Design and Implement Supply Chain Transformation Work Streams and Projects

- Collaborate with Internal and External Stakeholders
- Design and Test Solutions
- Implement Project Policies and Individual Projects
- Scale Up to Enterprisewide Solutions

Section C: Implement Governance and a Risk Management Framework

- Set Portfolio and Project Management Governance
- Establish Secure, Resilient, and/or Sustainable Supply Chains

→ 4: Review of Supply Chain Transformation

Section A: Assess the Transformation

- Review and Provide Feedback on Project Portfolio Performance
- Reassess Supply Chain Transformation Maturity

Section B: Communicate Results and Reflect on the Transformation

- Measure, Document, and Report Results
- Implement Continual Improvement and Identify Future Initiatives



“The APICS CTSC Master organized by Advance School has proven to be a highly strategic program for professionals working in Supply Chain planning and management. The course is clearly and comprehensively structured, with content that can be immediately applied to the operational and decision-making challenges of a complex industrial environment. I particularly appreciated the in-depth focus on SCOR DS, which provides a solid and modern framework for analyzing and redesigning Supply Chain processes, as well as the change management methodologies, which are essential for effectively leading organizational transformations. Thanks to the instructor’s proven experience and ability to translate theoretical concepts into relevant real-world examples, the program was extremely practical and engaging. A highly valuable learning experience that I would recommend to anyone looking to strengthen their skills and contribute more effectively to the evolution of their Supply Chain.”

Demetrio Ventre, Head of Planning | PRAMAC



Who the course is for

- Supply Chain Managers and resources in the staff
- E2E Supply Chain Improvement Leaders and resources in staff
- Logistics Managers
- Operations Directors
- ERP Consultants
- Supply Chain Consultants
- Procurement Managers
- Professionals responsible for:
 - supporting or executing a supply chain transformation within their organization
 - developing a supply chain strategy
 - creating business requirements documents for large-scale systems implementation
 - developing and managing performance control towers, business intelligence capabilities, and supporting advanced analytics
 - supporting a supply chain network design (redesign)
 - defining and prioritizing digital capabilities or in a supply chain enabling role.



Requirements

A good knowledge of the English language is required to attend the course, as the training materials and the final exam are in English.

The course requires a **minimum number of 6 participants**.



Training path

We designed 2 CTSC training paths, delivered over 2 months by certified instructors:

- Classroom path: 3 training days + 1 review session Live Webinar
- Live Webinar path: 7 sessions of 3 hours each

The course includes:

- A training phase delivered by certified instructors
- A self-study phase with remote support from the instructor
- Strong interaction and experience sharing, enabling participants to enhance their personal knowledge and address issues that may arise within their organizations
- Simulation of the final exam with discussion of the results
- A self-assessment tool to identify knowledge areas
- An online learning system with tests, exercises, and simulations



Instructors

Advance School instructors, **certified ASCM/APICS instructors**, are Senior Managers with **over 20 years** of experience in End-to-End Supply Chain and Operations Management within multinational and well-structured corporate environments. Their extensive industry experience enables them to share **real-world experiences** and **successful case studies** with participants in the classroom, enriching the learning experience, stimulating discussion, and accelerating professional growth.



Training locations

Switzerland: Basel, Lausanne.
Italy: Milano, Bologna, Latina.



Exam and Certification

At the end of the course, the candidate may take the **final exam** in CBT (Computer-Based Testing) format at Pearson Vue test centers, coordinated by ASCM. The exam consists of a multiple-choice questionnaire with questions in English. After successfully passing the exam, ASCM will award the **CTSC certification – Certified in Transformation for Supply Chain**.



Registration Fees

Fees are listed on the following websites:
Trainings in SWITZERLAND: www.advanceschool.ch
Trainings in ITALY: www.advanceschool.org



In-house trainings

In-House delivery mode is typically used when a client requests a **training course for a specific group of employees**. Advance delivers In-House courses either on-site or via Live Webinar throughout Switzerland and internationally through its team of instructors.

The In-House courses offered by the school can be either from the standard catalog or **customized according to the client's specific needs and objectives**. An experienced consultant from our team will conduct a detailed needs analysis and then develop a tailored training program.



How to register

To register please fill the **Enrolment Form**



"I am extremely satisfied with the APICS CTSC certification course offered by Advance School. The instructor's expertise, professionalism, and ability to make complex concepts accessible made the course truly impactful.

His guidance extended far beyond the classroom: sharing real-world examples, providing practical tips, and offering personalized feedback, helped me confidently apply the tools learned within my organization. The course created a genuinely inspiring and supportive learning environment, which made all the difference in my certification journey".

Gert Heij Operations Director | Selengroven AG



COMPANY

ADVANCE is a leading training and consulting company with offices in Switzerland and Italy, collaborating with top Managers, Directors, and Management Consultants operating worldwide.

Advance is ASCM Premier ELITE Partner, delivering APICS-certified courses that set the global standard for supply chain excellence.

MISSION

To develop excellent skills in Operations Management and contribute to the success of its partners, both companies and professionals. To achieve this, ADVANCE relies exclusively on accredited training programs and instructors with proven teaching and professional experience.

ABOUT ASCM

The Association for Supply Chain Management (ASCM) is the world's leading provider of research, training, and certification for supply chain excellence and innovation. APICS certifications - CPIM, CSCP, CTSC, and CLTD - are recognized worldwide as the benchmark for industry best practices. With over 43,000 members and more than 300 international partners, ASCM is transforming how businesses operate, drive growth, and serve clients globally.



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