CTSC

CERTIFIED IN TRANSFORMATION FOR SUPPLY CHAIN

The **APICS** Certified in Transformation for Supply Chain (CTSC) equips supply chain professionals responsible for driving transformation with a collected group of best practices, knowledge and skills to initiate and enact supply chain transformation.

APICS CTSC credential holders gain the skills to effectively manage global supply chain transformation activities that involve their extended enterprise, including the web of suppliers, manufacturers, distributors, retailers and transportation carriers. CTSC serves the needs of both professionals and employers by keeping you and your organization competitive in today's ever-changing environment.

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APICS

Why should I earn the CLTD?

To be successful, supply chain professionals need to become transformational leaders who are system thinkers, digitally fluent, and adept at using new generations of tools in all types of supply chains – forward, reverse and circular.

The CTSC recognizes those individuals with highly sought-after transformation skills and enables them to gain a competitive advantage by demonstrating their understanding of supply chain transformation strategies, processes, tools and technologies applied to managing the end-to-end supply chain transformation.

After earning your CTSC Certification you will be able to:
- Develop, deploy and manage change for a successful supply chain transformation
- Identify risks and opportunities, and select the appropriate frameworks and models to effect transformation
- Apply systems thinking to develop, analyze, verify and validate concept alternatives for transformation
- Manage and align processes and capabilities with strategic transformation goals
- Manage skills, roles, responsibilities and infrastructure needed for a supply chain transformation
- Identify tools and technologies to enable effective supply chain transformation
- Identify and implement strategies for reinforcing and replicating improvements

What will I study?

The CTSC learning system is divided into four modules. You'll learn skills in systems thinking; supply chain architecting; leadership; risk and resilience management; change management and digital transformation.

The knowledge you gain through these materials will help you drive organizational change, maximize overall efficiency, improve the bottom line and help you take on the challenges of an end-to-end transformation initiative.

Module 1: Supply Chain Transformation Overview
Module 2: Preparing for Supply Chain Transformation
Module 3: Executing Supply Chain Transformation
Module 4: Review of Supply Chain Transformation

ASSESS

- Complete the pre-test to gain baseline knowledge and identify areas for improvement.
- Based on your pre-test scores, the online learning system will recommend the most efficient study plan.

STUDY

- Utilize convenient study options: read printed books or access online study materials via any mobile device, tablet, or computer - 24/7.
- Benefit from micro learning features in the online learning system; focus on smaller content segments for more efficient use of available time.
- Take the chapter quizzes to test knowledge retention, receive feedback and answer rationales and references to the relevant sections in the reading materials.
- Complete the learning activities, including new in-depth videos and real-life case studies to help reinforce the concepts presented.
- Study flash cards to reinforce your memory of key terms, concepts and definitions.

PRACTICE

- Take the practice exam to gain experience with the format that emulates the real-life exam experience.
- Access study tools, test-taking tips and additional information about the certification exam.
- Access the "My Progress" section to track your quiz scores and learning gain.

How will I study?

The APICS CTSC Learning System is a comprehensive certification preparation program that combines digital and printed materials with interactive study tools to help you prepare for the exam.

Choose from three flexible study options that fit your schedule and learning style: self-study, instructor-led, instructor-supported or corporate/ group training. Each option is based around the learning system.

The CTSC Learning System incorporates three components to help you apply the concepts and test your understanding and retention of the information.

How do I test?

The APICS CTSC exam consists of 150 questions, of which 20 are pre-test questions that do not contribute to the total score but are used for statistical purposes only.

Pre-test questions are continuously introduced and evaluated statistically, as part of an industry best practice for certification program exam development. Pre-test questions appear similar to the scored questions and are randomly distributed throughout the exam. Candidates should answer all exam questions. There is a 3.5 hour time limit for the exam.

About APICS and ASCM

For more than 60 years, APICS certifications and training have demonstrated a commitment to global supply chain excellence, achieved one person at a time. APICS CPIM, CSCP and CLTD are now part of the Association for Supply Chain Management (ASCM), the largest nonprofit association for supply chain professionals. ASCM is proud to offer the globally recognized certification programs you've come to trust.

The Association for Supply Chain Management (ASCM) is the global pacesetter of organizational transformation, talent development and supply chain innovation. As the largest association for supply chain, ASCM members and worldwide alliances fuel innovation and inspire accountability for resilient, dynamic and sustainable operations. ASCM is built on a foundation of world-class APICS education, certification and career resources, which encompass award-winning workforce development, relevant content, groundbreaking industry standards and a diverse community of professionals who are driven to create a better world through supply chain.

PIQC - ASCM Authorized Academic Partner

As an ASCM Authorized Academic Partner, PIQC Institute of Quality brings ASCM's distinguished certifications and educational resources directly to students and professionals in the region. This partnership integrates ASCM's comprehensive, high-standard curriculum with PIQC's dedication to quality education, creating a valuable learning pathway for those pursuing careers in supply chain management.
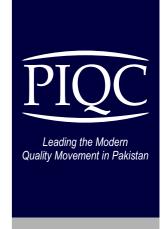
Through PIQC's ASCM-aligned programs, participants gain access to ASCM's internationally acclaimed certifications, such as APICS CPIM, CSCP, and CLTD. These credentials, grounded in real-world applications and industry best practices, provide a strategic advantage, preparing participants to excel and lead in today's complex global supply chains.

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QUALITY PAKISTAN
In Search of Excellence

PIQC
*Leading the Modern
Quality Movement in Pakistan*

PIQC - Center for Excellence

Leading Institute in Pakistan providing academic programs, professional diplomas & certifications, short courses and corporate development in Quality Control (QC), Quality Assurance (QA) and Total Quality Management (TQM), Human Resource Management (HRM) and Health, Safety and Environment (HSE). Celebrating the 33rd year of its establishment, PIQC vision is to see Pakistan a hallmark of Quality in the national and global environments. With its leadership and team of specialists, it has provided academic education and professional courses to more than 55,000 students and professionals. It is the pioneer and most authentic source for running International Six Sigma and Lean Manufacturing programs, including Six Sigma Yellow Belt, Six Sigma Green Belt and Six Sigma Black Belt in Pakistan.

PIQC has professional collaborations and linkages with various local and foreign organizations including ASCM APICS - USA, Superior University, NED University of Engineering and Technology, IQCS Certification, Singapore Quality Institute International (SQII), American Society for Quality (ASQ), and Quality and Productively Society of Pakistan (QPSP)

Degree Programs	Professional Diploma	International Certifications	Corporate Courses	International Conventions
Masters & MPhil in: Quality Management Human Resource Management Industrial Management EHS Management	**PIQC Diplomas/ Certifications in** Quality Management Project Management Health Care Quality Management HSE Management HR Management Supply Chain Management Labor Laws and IR Management	**Internationally Recognized Certifications** ASCM-APICS, USA Authorized Academic Partner IRCA (UK) Accredited Certified Six Sigma Green Belt & Black Belt	**Nation-wise seminars & workshops on** Total Quality Management, Six Sigma, ISO 9000 Quality Assurance in Manufacturing, Services, Education, Banks and Healthcare, Total Productive Maintenance	PIQC has organized 13 International Conventions on Quality Improvement and 5 National Conferences on Quality Education in Pakistan since 1991

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