Accredited Tier Specialist® (ATS)

Gain the knowledge and authority to communicate data center needs to upper management and positively influence spending decisions. Armed with the Accredited Tier Specialist® (ATS) skillset, you will be more effective at maintaining and improving site performance, reliability, and efficiency, and delivering business value.

Course Overview

If you and your team are responsible for data center uptime and performance, the ATS course provides the critical knowledge you need to keep systems and operations humming smoothly. Course participants learn how to satisfy Tier level requirements and business objectives at the same time.

ATS is a 16 hour course and accreditation examination for data center managers and operators. It provides the knowledge you need to apply the Tier Standards and ensure that critical facilities — for which you are directly responsible — are designed, built, and operated to meet the needs of the business. The course is also applicable to outside experts who support data center managers.

Why the Accredited Tier Specialist® (ATS)?

The ATS curriculum provides instruction on the Tier Standard: Topology and Tier Standard:
Operational Sustainability, giving you a thorough grounding in the Standards and their application throughout the data center life cycle.

Benefits of completing the ATS course include:
- A professional designation recognized throughout the industry
- Learn to properly apply the Tier Standards from the experts who write and administer them
- Avoid prevalent Tier misinterpretations that can cause over-investment or shortfalls
- Effectively manage your outside experts and vendors
- Understand and communicate with stakeholders the full capability of a single data center — or portfolio
- Evaluate a facility's true performance potential and avoid the shocks of unexpected outages
- Better align infrastructure and staffing investment with the business mission
- Bring together all stakeholders of your data center team to work to achieve a common uptime goal

Course Duration
The course is 16 hours instructor-led online learning or 3 days face-to-face training, of intensive instruction and hands-on exercises, providing a thorough introduction to the Tier Classification System and culminating in an examination

Course Objectives
The ATS course will help advance your career by equipping you with the key skills in managing data centers to align with business objectives, communication techniques to articulate data center needs and priorities to leadership and tactics to influence spending decisions at the executive level.

Learner Profile
This data center management course was built specifically for the professionals responsible for data center uptime. It provides a level of detail suitable to educate data center owners on how Tier Standards interact with their critical facilities. By applying these Tier Standards, you will learn how to maximize the compliance, efficiency and productivity of your business's tier systems. You will also understand the facts and myths surrounding the Tier Classification System and be able to make the best possible call for your business.

Individuals who will directly benefit from the ATS course are:
- Data Center Managers
- Consultants
- Architects
- Project Managers
- Sales Engineers
- Design/Build Contractors

Pre-requisites
This program is open to all professionals involved in data center management and oversight and does not require a licensed credential. This program focuses on data center management and does not address IT topology, IT architecture, installation/maintenance of equipment or software.

Certification
Candidates must pass a multiple-choice exam with a minimum score of 70% to obtain the Accredited Tier Specialist® (ATS) certification, signifying proficiency in applying Tier Standards to data center performance. This certification is designed for professionals responsible for maintaining uptime, ensuring compliance, and optimizing critical facility operations.

Accredited Tier Specialist® (ATS) Topics

Tier Classification System
- Tier concepts and definitions
- Principal Data Center Facility Infrastructure systems

Cooling Systems
- Critical mechanical subsystems
- Redundant topology
- Continuous Cooling

Electrical Systems
- Critical electrical subsystems
- Multiple distribution path requirements
- Engine-generator (power station) requirements
- Electrical system interaction with mechanical systems

Ancillary Systems
- Critical ancillary subsystems
- Ancillary subsystem impacts on Tier Classification System
- Compartmentalization

Common Discrepancies
- Faculty-led review of common non-compliant design elements from Certification submittals
- Myths and misconceptions

Tier Certification
- Benefits
- Process

Operational Sustainability
- Defining operational sustainability elements
- Strategic concepts

Staffing & Organization
- Staffing development process
- Staff qualifications
- Organizational structure impacts

Maintenance
- Building a preventive maintenance program
- Maintenance management system requirements for tracking activities
- Vendor support
- Predictive maintenance
- Lifecycle planning
- Housekeeping

Training, Planning & Operations
- Developing a training program
- Vendor training
- Site policies
- Capacity and load management

Building Characteristics and Commissioning
- Building characteristics impacts on operations
- Commissioning activities that define operations success

Site Location Risk
- Defining risks to operational activities posed by natural and manmade factors

TRAINING PARTNER

uptime® EDUCATION

| DURATION | 3 DAYS | MODE: ONLINE/F2F |

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