

Aspen Unified PIMS™

Study Guide for Certification



Prove Your Credibility

An Aspen Certified user demonstrate skills required to run planning models, modifying model structure, and troubleshooting in Aspen Unified PIMS.



Practice

AspenTech training is highly recommended though not required.

This guide contains 100% coverage of all objectives for the certification exam. You can use it as both a study tool and an on-the job reference (read pages 2-5).

Get Certified

In-person and remote testing are available. Please make sure that you select the correct Location/Time Zone.

After passing the exam you will receive an email to post your certificate and digital badge on social media, which is a cross-industry recognition of technical skills you may share on LinkedIn, as well as in your email signature. [View the instructions](#) on how to post your credentials on LinkedIn profile.

Exam Scope for Aspen PIMS

- Introduction
- Case Management
- Planners Work Area
- Model Life Cycle Management
- Primary Data Input
- Flowsheet
- Solution and Reports
- Model Building
- Price Catalog
- Multisite Modeling

Grading

Grade	Weight
Multiple choice questions	40%
Lab task	60%
Total	100%

AspenTech

[Call](#) | [Email](#) | [Chat](#)

SCOPE	TECHNICAL CONTENT	COMPETENCY OBJECTIVE
Introduction	What is Aspen Unified PIMS	Define AUP model levels and describe corresponding functions
		List advanced features in Aspen Unified PIMS
		Identify applications in the Aspen Unified
	AUP model setup	List databases and necessary configuration for AUP set-up
	AUP Interface	Explain major AUP components and interfaces
		Identify the main information found in AUP Help
	Roles and Permissions	Interpret AUP roles and permissions
Short Tags vs Extended Tags	Explain differences between short and long/extended tags and how to switch	
Case Management	Case Configuration and Management	Set up cases and case hierarchy
		Analyze case results from multiple sources (flowsheet, solutions, reports, etc.)
		Perform Case Comparison in work area and reports
Planners Work Area	Configuration and Analysis	Explain benefits and features of planners work area
		Configure widgets and charts in planners work area
Model Life Cycle Management	Reconciliation Process	Interpret model branches/hierarchy and workspace concept
		Perform Model Reconciliation process

SCOPE	TECHNICAL CONTENT	COMPETENCY OBJECTIVE
Primary Data Input	Model Data Entries and Management	Perform primary data/constraints inputs
		Perform basic workflow to update limits in model and cases
Flowsheet	Flowsheet	List how to review flowsheet data and panels
		Explain basic flowsheet functions to configure streams and submodels
Solution and Reports	Solution Evaluation	Recognize basic methods to access reports and solutions
		Analyze AUP reports and solutions
Model Building	Submodel configuration	Summarize the workflow to configure submodel
		Perform basic workflow to update submodel data/structure
	Assay Library	Describe Assay Library features
	Blending	Explain the necessary entries for blending structure
Price Catalog	Price Catalog Configuration	Interpret the major purposes and benefits of price catalog
		Identify the steps to configure price catalog
Multisite Modeling	Multisite Function	Describe the basic functions and usage of Aspen Unified Multisite models

About Aspen Technology

Aspen Technology (AspenTech) is a leading software supplier for optimizing asset performance. Our products thrive in complex, industrial environments where it is critical to optimize the asset design, operation and maintenance lifecycle. AspenTech uniquely combines decades of process modeling expertise with machine learning. Our purpose-built software platform automates knowledge work and builds sustainable competitive advantage by delivering high returns over the entire asset lifecycle. As a result, companies in capital-intensive industries can maximize uptime and push the limits of performance, running their assets safer, greener, longer and faster. Visit [AspenTech.com](https://www.aspentech.com) to find out more.

© 2020 Aspen Technology, Inc. AspenTech®, Aspen®, aspenONE®, the Aspen leaf logo, the aspenONE logo and OPTIMIZE are trademarks of Aspen Technology, Inc. All rights reserved. AT-05200