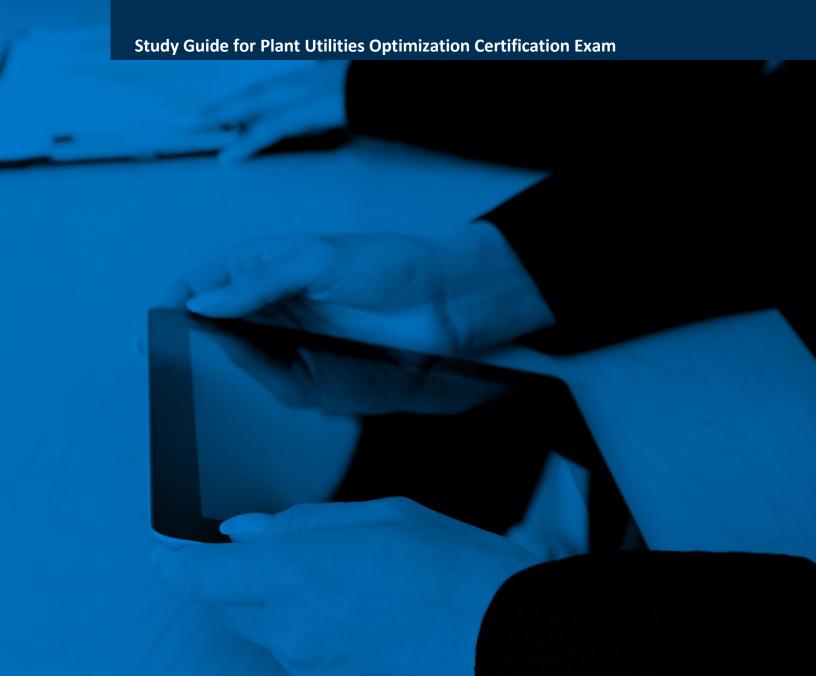


## **Aspen Utilities Planner** ™ (Sustainability Focus)





# Exam Scope for Plant Utilities Optimization Certification -

- Aspen UtilitiesPlannerFundamentals
- Optimization

### **Grading**

Grade	Weight	
Multiple choice	80%	
questions		
Lab task	20%	
Total	100%	

#### **Prove Your Credibility**

A Certified User has an in-depth understanding and practical skills required to build models and interpret results using Aspen Utilities Planner. Passing this exam will demonstrate your skills in setting up utilities systems to optimize costs and minimize the environmental impact of industrial processes, by reducing energy consumption.

#### **Practice**

AspenTech training is highly recommended though not required. This guide contains 100% coverage of all objectives required for the certification exam.

**Step 1:** Take Class: Optimize Plant Utilities to Reduce Energy Consumption (SUS-U101; 2 Days)

AspenTech offers a variety of delivery methods in which you can take training.

 Register for either public training (face to face or virtual), request private training (face to face or virtual) or subscribe to eLearning (on-demand)

#### **Step 2:** Review Scope and Objectives

This guide contains 100% coverage of all objectives for the Plant Utilities Optimization certification exam. You can use as both a study tool and an on-the job reference.

**Step 3: Take** Plant Utilities Optimization Certification Exam The total time for the certification exam is one hour.

#### **Get Certified**

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

Go to <u>AspenTech University</u> to register for AspenTech Training & Certification



SCOPE	TECHNICAL CONTENT	COMPETENCY OBJECTIVE
Aspen Utilities Planner Fundamentals	Component Lists	Add components/physical properties to the flowsheet
	Utility Blocks	Add utility blocks to the flowsheet
	Streams	Add streams to the flowsheet
	Port Types	Review different port types in Aspen Utilities Planner
Optimization	Data Reconciliation	Purpose of data reconciliation
		Methods for data reconciliation
	Optimization	Use Data Editors to setup optimization problem
		Define demand constraints
		Feed Availability
		Assign prices for purchasing/selling utilities
		Multi-Period Optimization
	Key Results	Block Results
		Stream Results
		Optimization Results