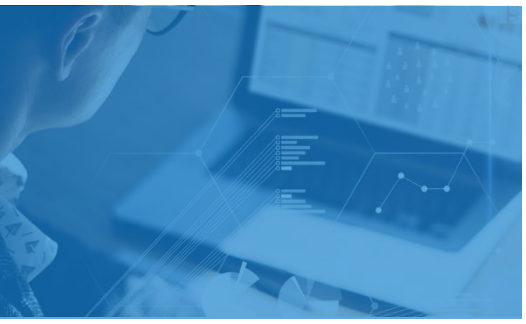
aspentech | Study Guide

Aspen Capital Cost Estimator™

Study Guide for Certification

Aspen Knowledge™ | Learn. Apply. Succeed.



Exam Scope for ACCE

- ☐ File Management
- ☐ Project Basic View
- ☐ Project View
- ☐ Help
- ☐ Troubleshooting
- ☐ Reporting
- ☐ Documentation

Grading

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

AspenTech

Call | Email | Chat

Prove Your Credibility

An Aspen Certified User in ACCE demonstrates skills in defining a project basis, specifying area, equipment, and bulks generating and interpreting reports. This person also demonstrates fluency with some advanced skills such as troubleshooting and modifying project specifications

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.

SCOPE	TECHNICAL CONTENT	COMPETENCY OBJECTIVE
File Management	General	**Illustrate** how folder hierarchy affects the way scenarios are read in ACCE
		Identify how to make a path folder default in ACCE
		Recognize how to modify the backup settings
		Define a template and use it in new projects
Project Basis View	Design Basis	**Identify** the important parameters in the Equipment Specs form
		Identify the important parameters in the Piping Specs form
		Identify the important parameters in the Civil / Steel Specs form
		Identify the important parameters in the Electrical Specs form
		Identify the important parameters in the Instrumentation Specs form
	Engineering Workforce	**Define** engineering workforces by phase
		Define engineering workforces by discipline
	Construction Workforce	**Recognize** the procedure to define wage rates
		Explain productivities importance in a project definition
	Indexing	**Illustrate** how to rename default Codes of Accounts
		Develop calibration reports to index the system at various levels
		Customize the system's base index file using ACCE's user interface

SCOPE	TECHNICAL CONTENT	COMPETENCY OBJECTIVE
Project Basis View	Power Distribution	**Illustrate** how electrical key distances are defined at a project level
		Recognize the importance of the hierarchy structure while modifying the projects power distribution
Help	Process Control	**Illustrate** how instrumentation key distances are defined at a project level
		Recognize the importance of the hierarchy structure while modifying the projects process control
Project Basis View	Contractor	**Define** a contracting strategy in ACCE
		Identify how to assign CWF/EWF
		Define contractor responsibilities through CONSET arrangement
Project View	Area Definition	**Summarize** the different types of area available in ACCE
		Explain the different area specifications available
		Illustrate how Instrumentation and electrical key distances are defined at Area Level
		Describe how area indexation affects a project prize
		Illustrate the usage and importance of Last Area
	Process Equipment	**Summarize** the different types of components available in the system
		Explain the effect installation options have on the overall price of a component

SCOPE	TECHNICAL CONTENT	COMPETENCY OBJECTIVE
Project View	Process Equipment	**Customize** the material MH additions to fit a component necessity
		Explain how material MH indexation affect the final component prize
		Manipulate the pipe general specs of a component to fit design data
		Manipulate the instrumentation of a component to fit design data
	Plant Bulk Item	**Use** and define pipe bulk components
		Use and define civil bulk components
		Define weight-based properties
		Use and define civil bulk components
	Site Development	**Calculate** fencing costs using site development items
		Calculate paving costs using site development items
Troubleshooting	Common Errors	**Identify** the scan for errors functionality in ACCE
		Explain the difference between Info and Warning messages
		Interpret and resolve error messages in the project
		Summarize the “Question mark found in Numeric Data” error

SCOPE	TECHNICAL CONTENT	COMPETENCY OBJECTIVE
Reporting	Excel Reports	**Summarize** the information available in the capital cost reports
		Summarize the information available in the design and basis Reports
		Summarize the information available in the other reports
	Standard Reports	**Illustrate** the difference between the data found in Excel and standard reports
	CCP Reports	**Interpret** the CCPs report
Documentation	General	**Identify** how to use the F1 Help Guide
		Recognize how to find and use the Icarus Reference
		Recognize how to find and use the User Guide
		Illustrate the use of the Estimate Basis file

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 to find out more.