



This course is dedicated to Soundvision, the proprietary L-Acoustics software for 3D venue modelling and loudspeaker system design.

## SUMMARY

COURSE TYPE	Product training
LEARNING PATH	System engineer
LEARNING OBJECTIVES	<ul style="list-style-type: none"> <li>• Know the functionalities of the Soundvision software</li> <li>• Design 3D venue models with surfaces and profiles</li> <li>• Design loudspeaker system solutions through mechanical, acoustical, and electrical simulation</li> <li>• Optimize line sources using quality indicators and autosolvers</li> </ul>

## MODALITIES

PREREQUISITES	<ul style="list-style-type: none"> <li>• System &amp; Workflow certification</li> <li>• Experience in live sound reproduction</li> <li>• Technical English</li> </ul>
DURATION	7 hours
PARTICIPANTS	12 maximum
LEARNING FORMAT	<ul style="list-style-type: none"> <li>• Instructor-led session: onsite or online classroom</li> <li>• Complementary activities: online education platform</li> </ul>
TEACHING METHODS	Presentation, demonstration, tutorial, quiz
LANGUAGES	<ul style="list-style-type: none"> <li>• Session delivered in local language</li> <li>• Material written in technical English</li> </ul>
INSTRUCTOR PROFILE	Live sound expert, selected, trained, certified and regularly updated by L-Acoustics education team
CERTIFICATION	<ul style="list-style-type: none"> <li>• Attendance to the session(s)</li> <li>• Completion of online activities</li> <li>• Certification test</li> </ul>



## LEARNING AGENDA

INTRODUCTION	Software presentation Project architecture	0.5 hour
VENUE MODELING	Modeling approach 3D fundamentals Data collection Objects management	2 hours
SYSTEM SIMULATION	Electro-acoustic model Individual source design Source mechanical data Multiple sources design	2.5 hours
LINE SOURCE OPTIMIZATION	Tools Coverage SPL Tonal Balance	2 hours

## REQUIRED EQUIPEMENT

INSTRUCTOR-LED SESSION	• Computer with a mouse
	• Latest version of Soundvision and LA Network Manager <a href="#">softwares</a>
ONLINE ACTIVITIES	• Note pad and pen
	• Computer with a mouse • Internet connection

## EARNED BENEFITS

Upon completion, the participant is granted with a *Certificate* and a 1-year account activation/extension on the online *L-Acoustics Education* platform.

In the platform, the membership to the **Soundvision** group opens access to:

- Always up-to-date **Soundvision** material in the *Learning center*
- Forum gathering all the **Soundvision** certified technicians and instructors