

# EASE Online Live Training

July 2024

## A. Modules

To improve flexibility, we have organized the upcoming online EASE training in a series of modules that can be configured in different ways to cover the topics needed by the attendee. See a description of each module below.

- [Introduction to EASE 5 \(PR003\) – Webinar](#)

This webinar will demonstrate the new EASE 5-FE Software for existing EASE 4 users as well as those who are completely new to EASE software.

Required for all participants.

- [Building rooms in EASE 5 for New Users \(EG105\) - \\$600](#)

This two-session module is for new users, as well as experienced EASE 4 users. At the end of the class the participant will be able to import DWG files, draw directly in the light-weight EASE editor, add sources and receivers, change the acoustic characteristics of the room, and load and save EASE 4 projects.

Prerequisite: PR003

- [Design and simulation of sound systems using EASE 5 - \\$800](#)

- a. [Basic \(SS103\)](#)

This two-session module explores the uses of EASE for simulation of sound systems. At the end of the class the participant will be able to add sound sources like those used in sound system measurements, will know how to use the different file formats and loudspeaker types, and design sound systems assisted by EASE, obtaining simulation results such as SPL and STI maps.

- b. [Advanced \(SS203\)](#)

This two-session module continues with more advanced sound system simulation. At the end of the class the participant will be able to design a complex sound system using EASE, obtain mapping results with the AURA module, and create direct sound auralizations.

- c. [Advanced analysis of sound system responses in EASE 5 \(SS303\)](#)

This single session module explores Precedence for the optimization of sound systems, and the analysis of reflectograms.

Prerequisite: PR003 and EG105<sup>1</sup>

- [Design and simulation for room acoustics using EASE 5 - \\$1000](#)

- a. [Basic \(RA103\)](#)

This three-session module explores the uses of EASE for room acoustic simulation and analysis. At the end of the class the participant will be able to add sound sources like those used in acoustical measurements, add absorptive materials to rooms, add scattering coefficients, and obtain results for basic room acoustics parameters in Mapping and Probe.

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<sup>1</sup> If you have attended one of our EASE 5 classes before or have extensive model building experience, contact us to discuss waiving the prerequisites.

b. **Advanced (RA203)**

This two-session module continues with more advanced simulation for room acoustics. At the end of the class the participant will be able to run Ray Tracing for reflection pattern analysis, and obtain Mapping results for advanced room acoustics parameters, as well as impulse responses for analysis and auralization.

c. **Advanced analysis of room responses using EASE Auralization (RA303)**

This single session module explores Auralization in depth. At the end of the class the participant will be able to create auralizations using EASE and AURA, including binaural files, stereo and B-format files, as well as batch processing.

Prerequisite: PR003 and EG105<sup>2</sup>

## B. Class Methodology

The EASE Online Training will be taught using the Zoom platform. It is recommended that participants have an additional monitor connected to their computer, so they can follow what the instructor is doing on the screen. You also will want to have a mouse with a scroll wheel to allow moving around the model easily. The classes are highly interactive and include some presentations and theory on general knowledge and software features.

Documents with exercises and instructions will be provided before the class so that participants can start becoming familiar with the software.

Larger classes will have 2 instructors so questions can be answered, and issues resolved as they arise and so that participants do not lose track of the exercises. A certificate of completion from AFMG will be provided at the end of the class.

A full feature evaluation software license will be provided so participants can explore the software fully, even if they own a simpler version, or don't own the software yet.

## C. Class Packages

Pkg	Modules	Cost
	COMBINED SOUND SYSTEMS AND ROOM ACOUSTICS TRACK	
A	Building rooms in EASE 5 (EG105) Design and simulation of sound systems using EASE 5 (SS103-SS303) Design and simulation for room acoustics using EASE 5 (RA103-RA303)	\$2 400
D	Design and simulation of sound systems using EASE 5 (SS103-SS303) Design and simulation for room acoustics using EASE 5 (RA103-RA303)	\$1 800
	SOUND SYSTEMS TRACK	
B	Building rooms in EASE 5 (EG105) Design and simulation of sound systems using EASE 5 (SS103-SS303)	\$1 400
E	Design and simulation of sound systems using EASE 5 (SS103-SS303)	\$800
	ROOM ACOUSTICS TRACK	
C	Building rooms in EASE 5 (EG105) Design and simulation for room acoustics using EASE 5 (RA103-RA303)	\$1 600
F	Design and simulation for room acoustics using EASE 5 (RA103-RA303)	\$1 000
	ROOM TRACK	
G	Building rooms in EASE 5 (EG105)	\$600

<sup>2</sup> If you have attended one of our EASE classes before or have extensive model building experience, contact us to discuss waiving the prerequisites.

## Schedule

July				
Mon 15	Tue 16	Wed 17	Thu 18	Fri 19
<b>EG105 - 1</b> 10:30 AM - 12:30 PM		<b>EG105 - 3</b> 10:30 AM - 12:30 PM	<b>SS103 - 2</b> 10:30 AM - 12:30 PM	<b>SS203 - 2</b> 10:30 AM - 12 PM
<b>EG105 - 2</b> 2 PM - 4 PM		<b>SS103 - 1</b> 2 PM - 4 PM	<b>SS203 - 1</b> 2 PM - 3:30 PM	<b>SS303</b> 2 PM - 3:30 PM
Mon 22	Tue 23	Wed 24	Thu 25	Fri 26
		<b>RA103 - 2</b> 10:30 AM - 12:30 PM	<b>RA203 - 1</b> 10:30 AM - 12 PM	<b>RA303</b> 10:30 AM - 12 PM
	<b>RA103 - 1</b> 2 PM - 4 PM	<b>RA103 - 3</b> 2 PM - 4 PM	<b>RA203 - 2</b> 2 PM - 3:30 PM	

*Notes:*

*All times listed are Central Time (US & Canada).*

*All sessions are unique*

### D. Discounts

- Purchases of more than \$1000, including large packages or companies registering more than one person at the same time get a 10% discount.
- A discount of 10% is offered on purchased software during the 30 days following the class.
- Discounts do not accumulate.

### E. Contact

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