Advance your modeling skills by attending a COMSOL training course. Learn to efficiently set up multiphysics models and build apps through a combination of hands-on activities and lectures carried out by our team of experienced instructors.

**PRICING**
Courses are full day events. All training material and lunches are included.
- 1 Day course: $695
- 2 Day course: $1,295
- 3 Day course: $1,795

Pricing information for courses held in Canada is available online. Academic discounts and on-site training opportunities are available. Contact us for details.

**GENERAL**
- **COMSOL Multiphysics® Intensive**
  An intensive introduction to the workflow and key features of COMSOL Multiphysics via a combination of guided hands-on examples, lecture, and tutorials. **This course is a recommended prerequisite for all specialized courses.**
- **COMSOL Multiphysics® Advanced Topics**
  Learn how to solve large multiphysics problems efficiently. This is a recommended supplement to the COMSOL Multiphysics Intensive training course.
- **Optimization in COMSOL Multiphysics®**
  Learn how to use the Optimization Module to solve problems in shape-, parameter-, and topology optimization, as well as parameter estimation. The techniques shown are applicable for almost all types of models.

**ELECTROMAGNETICS**
- **AC/DC Modeling**
  Get an introduction to modeling low-frequency electromagnetic systems using COMSOL Multiphysics and the AC/DC Module in this 2-day training course. Prior experience with COMSOL Multiphysics is not required.
- **Electrochemistry and Batteries & Fuel Cells**
  Learn how to model applications such as electrolysis, electrodialysis, electroanalytical methods in sensors, batteries, and fuel cells in the Electrochemistry Module and the Batteries & Fuel Cells Module.

**STRUCTURAL & ACOUSTICS**
- **Acoustics Modeling**
  Learn how to perform acoustics and vibrations analyses using COMSOL Multiphysics and the Acoustics Module.
- **Structural Mechanics Modeling**
  Learn how to use COMSOL Multiphysics to analyze stress, deformation, stability, and fatigue in solid structures due to mechanical loads, thermal expansion, and other multiphysics effects.

**FLUID & HEAT**
- **Heat Transfer**
  Learn how to simulate heat transfer with COMSOL Multiphysics and the Heat Transfer Module. Topics include conduction, convection, radiation, and phase change.
# COMSOL LED Training

<table>
<thead>
<tr>
<th>Location</th>
<th>Courses Offered</th>
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| Albuquerque, NM         | COMSOL Multiphysics® Intensive  
                          | **AUG 21–22**                                                                  |
| Burlington, MA          | COMSOL Multiphysics® Advanced Topics  
                          | **JUL 16–18**                                                                  |
|                         | AC/DC Modeling  
                          | **JUL 25–26**                                                                  |
|                         | COMSOL Multiphysics® Intensive  
                          | **SEP 10–11**                                                                  |
|                         | Heat Transfer  
                          | **SEP 12–13**                                                                  |
| Houston, TX             | COMSOL Multiphysics® Intensive  
                          | **SEP 18–19**                                                                  |
|                         | COMSOL Multiphysics® Intensive  
                          | **DEC 11–12**                                                                  |
| Livonia, MI             | Electrochemistry and Batteries & Fuel Cells  
                          | **SEP 10–11**                                                                  |
| Los Angeles, CA         | COMSOL Multiphysics® Intensive  
                          | **JUL 31–AUG 1**                                                              |
|                         | COMSOL Multiphysics® Intensive  
                          | **OCT 23–24**                                                                 |
| Montreal, QC            | COMSOL Multiphysics® Intensive  
                          | **AUG 27–28**                                                                 |
| Redwood City, CA        | COMSOL Multiphysics® Intensive  
                          | **JUL 16–17**                                                                 |
|                         | Structural Mechanics Modeling  
                          | **JUL 18–19**                                                                 |
|                         | COMSOL Multiphysics® Intensive  
                          | **SEP 17–18**                                                                 |
|                         | Optimization in COMSOL Multiphysics®  
                          | **SEP 19**                                                                    |
|                         | COMSOL Multiphysics® Intensive  
                          | **NOV 12–13**                                                                 |
|                         | Heat Transfer  
                          | **NOV 14–15**                                                                 |
| Seattle, WA             | COMSOL Multiphysics® Intensive  
                          | **OCT 29–30**                                                                 |
| Washington, DC          | Acoustics Modeling  
                          | **SEP 10–11**                                                                 |
|                         | COMSOL Multiphysics® Intensive  
                          | **NOV 5–6**                                                                   |

For an up-to-date training calendar, and to register, visit:  
[comsol.com/training](http://comsol.com/training)

## Contact Information

**course@comsol.com**

- **Boston**: 781-273-3322
- **Los Angeles**: 310-441-4800
- **Los Altos**: 650-324-9935

To view courses offered by COMSOL certified consultants held on the web or in the classroom, visit their websites:

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[altasimtechnologies.com/training-2](http://altasimtechnologies.com/training-2)

**Veryst Engineering:**
[veryst.com/what-we-offer/training-classes](http://veryst.com/what-we-offer/training-classes)