

This training introduces the fundamentals of human thermal physiology and comfort modeling. Participants will learn how to apply environmental thermal loads, evaluate comfort metrics, and simulate the effects of clothing, activity, and individual variability. TAItherm Training is recommended as a prerequisite, as the sessions build on core thermal modeling workflows and concepts.

Tutorials & Topics

- Human thermal physiology & regulation modeling
- Applying environmental thermal loads
- Thermal comfort metrics
- Berkeley comfort and sensation model
- Effect of clothing on comfort
- Predicting vehicle cabin comfort
- Working with multiple humans with varying physiologies

Day One

10:00 AM	–	11:00 AM	Introduction to Human Thermal Modeling
11:00 AM	–	11:30 AM	Tutorials & Presentations
11:30 AM	–	11:45 AM	Lunch Break
11:45 AM	–	1:15 PM	Tutorials & Presentations
1:15 PM	–	1:30 PM	Questions
1:30 PM			Day Ends

Day Two

10:00 AM	–	11:40 AM	Tutorials & Presentations
11:40 AM	–	11:50 AM	Lunch Break
11:50 AM	–	1:15 PM	Tutorials & Presentations
1:15 PM	–	1:30 PM	Questions
1:30 PM			Day Ends