



## ONLINE: Flixo Training – Model Thermal Bridges for High-Performance Buildings – 15 Mar 2023



In this 16 hour course, you will model thermal bridges using Flixo and understand the impact of design details on the energy performance of High-Performance Buildings/ Passive House Buildings. We cover the concepts and protocols for thermal bridge modeling. Then, you will model several common thermal bridges using Flixo with guidance.

### Instructor:

Chris Petit, CPHD, CPHT, PHI-accredited Certifier & Trainer

### Total number of learning hours: 15

Online Course Price: Members: \$ 922 Non-members: \$ 1010

Recommended for: Architects, engineers, energy modelers, Passive House consultants, designers and other building professionals who want to build on their skills of thermal bridge modeling.

### Learning Objectives:

- Model thermal bridges.
- Types of thermal Bridges.
- Understand the impact of design details on energy performance of High-performance buildings / Passive House.
- Learn about concepts and protocol for thermal bridge modeling.
  - Overview of modeling and psi value calculation process
  - Standard boundary conditions
  - Material properties
  - Geometry requirements
  - Reference points
  - Calculation and use of equivalent U-values within models
  - Entering psi-values in WUFI Passive and PHPP

### Course Date:

Day 1 & 2: March 15 & March 17, 2023 from 9:00 am – 1:00 pm (PDT)

Day 3 & 4: March 29 & March 31, 2023 from 9:00 am – 1:00 pm (PDT)

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Passive House (Passivhaus) is considered to be the most rigorous voluntary energy-based standard in the design and construction industry today.

Passive House Canada is the leader in Passive House design and construction training across Canada.