

Masonry Heater Workshop

May 1-4, 2025 | \$400-800

<https://lowtechinstitute.org/2025/02/27/masonry-heater-workshop/>

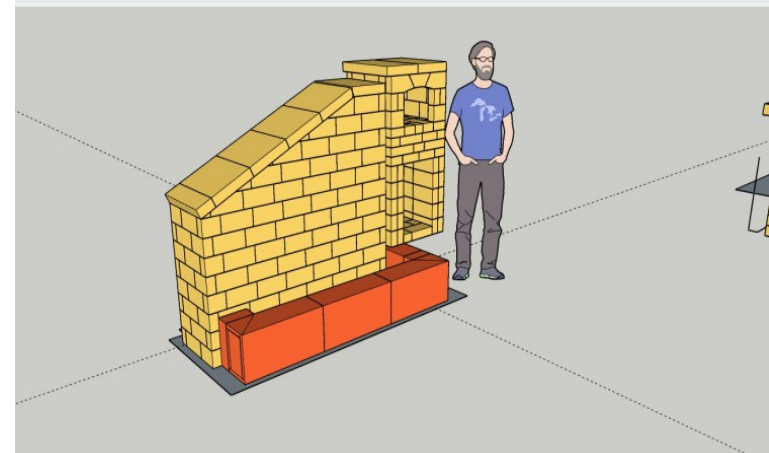
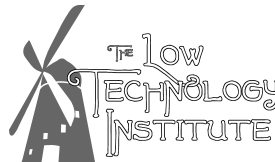
Join us this May for a masonry heater build here at LTI. Masonry heaters are a fuel-efficient and beautiful way to heat homes that have been used for over a thousand years. Instead of a slow-burning, sooty woodstove, masonry heaters burn fast, hot, and clean, using their mass to absorb and then radiate heat into the home for hours. An armful of wood can often provide heat for a day. We are excited to welcome a knowledgeable and experienced stove mason, Jim Schalles of [Tallgrass Hearth and Home](#), member of the [Masonry Heater Association of North America](#), to teach this four-day workshop.

Masonry Heaters

Most modern fireplaces and wood stoves send a considerable amount of heat up the flue and out of the building. Masonry stoves route the flue gasses up and then into chambers lined with firebrick, which absorb heat as the exhaust works its way towards the



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chimney. This allows the majority of the heat to be left in the heater before exhaust reaches the outside. Over the next twelve to twenty-four hours, that heat will dissipate and radiate into the room.

Register at lowtechinstitute.square.site

Workshop Details

Over four days, you'll learn the basic concepts and theory of masonry heaters, including sizing, materials selection, code issues, and practical considerations. Participants will get hands-on experience laying bricks, mixing mortar, installing door hardware, following plans, and more. We will discuss and may have an opportunity to apply plasters. See lodging and meal details on our website: lowtechinstitute.org. The cost of this workshop is \$600 per person, with a class size limited to eight. We recognize that this may be prohibitive for some, so we offer a "scholarship rate" of \$400 and "sponsor rate" (for those in a position to help others) at \$800. You can register on our online store: lowtechinstitute.square.site.



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