



Ceramic Water Filter Course

Adamah Clay Studios, Dodgeville, Wisconsin, USA
September 24 – October 5, 2018



COURSE DESCRIPTION

Potters for Peace, in partnership with **CAWST** (Centre for Affordable Water & Sanitation Technology), is offering a two-week ceramic water filter course. The course will be offered in English and will be taught at Adamah Clay Studios, Dodgeville, Wisconsin, USA.

DATES: September 24th – October 5th, 2018

START TIME: 8:30 am, September 24th, 2018

END TIME: 5:00 pm, October 5th, 2018

TRAVEL: Please schedule your travel for September 23rd and October 6th, or make your own arrangements to get to and from Dodgeville. Participants are responsible for their own transportation costs to Madison, Wisconsin

TUITION FEE: USD \$3500. Tuition covers all meals during the course, lodging at the retreat center at Adamah Clay Studios and transportation from Madison Wisconsin airport (MSN) or the Van Galder bus station in Madison, WI on September 23rd. Buses run from the O'Hare airport to Madison daily. We will also provide transportation to Madison on October 6th. Dinner on September 23rd and breakfast on October 6th is included.

LODGING: Accommodation is in modern, multiple occupancy rooms with adjoining bathrooms and air-conditioning.

SCHOLARSHIPS

A limited number of partial scholarships is available. To apply for a partial scholarship, fill out and return a Scholarship Application Form, alongside a Registration Form. We must receive your registration and scholarship forms by July 20th. A decision will be made about scholarships by July 27th, at which point you will need to put down a \$500 deposit to secure your place in the course.

Full course fees are due the day the course starts, but can also be paid in advance.

Late registration will be accepted but you will not have the same opportunity to secure a scholarship.

COURSE OBJECTIVES

By the end of the training participants will be able to demonstrate what is involved in high quality ceramic filter production and explain what is involved in starting and maintaining a successful filter factory.

This course is designed to:

- Train and support existing factory owners
- Attract and guide new ceramic filter factory startups
- Promote collaboration and communication between members of the filter community
- Improve filter quality on a global scale, thus helping to reduce the global burden of diarrheal disease

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COURSE OUTLINE

The following is an abbreviated list of topics to be covered in the course:

- Pathogens and Water Related Diseases
- The Multi-Barrier Approach and Household Water Treatment
- How Ceramic Pot Filters Remove Pathogens
- Raw Material Processing
- Burn out Material and Clay Selection
- Formulating a Filter Recipe
- Record Keeping
- Filter Forming, Finishing and Identifiers
- Machinery Overview
- Filter Drying
- Kiln Stacking and Firing
- Quality Control and Microbiological Testing
- Silver Application
- Packaging and Loading
- Trouble Shooting
- Health and Safety
- Receptacle Selection
- Distribution Plans and End User Education
- Filter Instructions and Maintenance
- Equipment for Starting a Filter Factory
- Start up Costs, Operational Costs, and Financing Options
- Business, Marketing, and Sales Models
- Floor Plan Development

VISA INFORMATION

Participants that need to apply for visas should do so as soon as possible. If you need a visa to enter the US, please go online to ceac.state.gov and apply for the nonimmigrant tourist/business visa called **DS-160**. You will need to fill out the application online and provide a correctly sized passport photo (see this and other important information at the link above).

You may request a letter verifying the purpose of the trip from Potters for Peace when you submit your deposit and registration form. Note that course registration fees are refundable if you plan on attending the course but are unable to obtain a visa. Please do NOT purchase your airline tickets until your visa has been granted.

MORE INFORMATION

- For more information, please visit the Potters for Peace website: pottersforpeace.org (under the CERAMIC WATER FILTER PROJECT tab)
- For registration, payment and scholarship questions, contact Jennifer Mally: executivedirector@pottersforpeace.org
- For questions regarding course content, contact Robert Pillers: robert@pottersforpeace.org