

# Geothermal Accredited Installers Workshop

## Who should attend?

The three day comprehensive Installation Workshops are designed for GSHP installers, contractors, dealers, home builders, manufacturers, distributors, architects, heating cooling mechanical engineers, trench/water well drilling contractors, and anyone who desires a working knowledge of this innovative technology. Representatives from public utilities, and rural electric cooperatives can also benefit from training. Information gathered from the workshops can help utility representatives serve as a source of information regarding money-saving concepts.

## Accreditation

Upon successful completion of the workshop and passing the IGSHPA installer's exam, you will be issued IGSHPA accreditation as an installer of GSHP systems. You will receive an installer's card and a certificate for 3 years. Also you will receive a 1 year membership with IGSHPA after you have completed all the requirements of the Installation Workshop.

## Topics:

- Design and Material Options
- System Layout
- Pipe Joining Techniques - Hands on for butt, socket, saddle and electro fusion
- Trenching/Drilling Processes
- Air and Debris Purging
- Pressure Drop Calculations
- Pump and Fluid Selection
- Thermal Conductivity
- Start-up, Performance Checking & Troubleshooting

## IGSHPA Certified Instructor

Garen Ewbank CEM, CGD, CRM, CEA, CBEP, CSDP

## Upcoming Workshop

April 21st to April 23rd, 2020

Farmingdale State College, Lupton Hall Room 124A

8 AM to 5 PM

\$595

**Registration Link:** [https://farmingdale.qualtrics.com/jfe/form/SV\\_87apAvHXBDNTodD](https://farmingdale.qualtrics.com/jfe/form/SV_87apAvHXBDNTodD)

Please contact Zachary Licht with any questions:

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