


## What's Included?

You will learn the fundamentals necessary to build a strong foundation in the how and why of properly designed and installed geothermal heat pump systems. You'll receive the start of an excellent GSHP how-to library including the new IGSHPA Residential and Light Commercial GSHP Installation Manual, field guides, calculation worksheets and system calculators. In addition to what you'll learn throughout the course, you will be able to meet and network with other professionals in your area.

	DAY 1	DAY 2	DAY 3
8:00	Introduction & Overview	Designing The Ground Heat Exchanger	GHEX Installation
9:00			Flushing & Purging
10:00	Economics, Marketing & Demand Reduction	GHEX Design Continued	Startup & Checkout
11:00			
12:00	Lunch	Lunch	Lunch
1:00	Soils Identification & Thermal Conductivity	Grouting Procedures For GSHPs	 IGSHPA Certification Test
2:00			
3:00	Selecting, Sizing & Designing Systems	Pipe Fusion*	
4:00			

\* Hands on fusion training.

■ 15 minute breaks