

IGSHPA Drillers Training Course PLUS Schedule

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Day 1

7:30 am Continental Breakfast (provided)
8:00 am **Lesson 1** - Introduction and Overview
9:30 am **Lesson 2** - Economics, Marketing, and the new Federal Tax Credits
10:00 am Break (provided)
10:15 am **Lesson 3** - Soil and Rock Identification and Thermal Conductivity
11:30 am **Lesson 4** - Selecting, Sizing, and Designing the Heat Pump System
12:00 pm Lunch (provided)
1:00 pm **Lesson 5** - Designing the Vertical Ground Heat Exchanger
3:00 pm Break (provided)
3:15 pm **Lesson 6** - Installation of the Ground Heat Exchanger
5:00 pm End of day one

Day 2

7:30 am Continental Breakfast (provided)
8:00 am **Lesson 7** - Grouting Procedures for Vertical Boreholes
10:00 am Break (provided)
10:15 am **Lesson 8** - Interior Piping Design and Circulator Pump Selection
11:30 am **Lesson 9** - Flushing and Purging the System
12:00 pm Lunch (provided)
1:00 pm **Lesson 10** - Heat Pump System Startup and Checkout
2:00 pm **Lesson 11** - GeoExchange Drilling Project Costing and Bidding
3:00 pm Break (provided)
3:15 pm **Hands-On Pipe Fusion Training**
5:00 pm End of Day two

Day 3

7:30 am Continental Breakfast (provided)
8:00 am **PLUS Lessons** - Bonus lessons beyond the IGSHPA course content
10:00 am Break (provided)
10:15 am **PLUS Lessons** continued
11:30 am **Review Session**
12:00 pm Lunch (provided)
1:00 pm **IGSHPA Open Book Exam** - (2 hours)
3:00 pm End of test period