

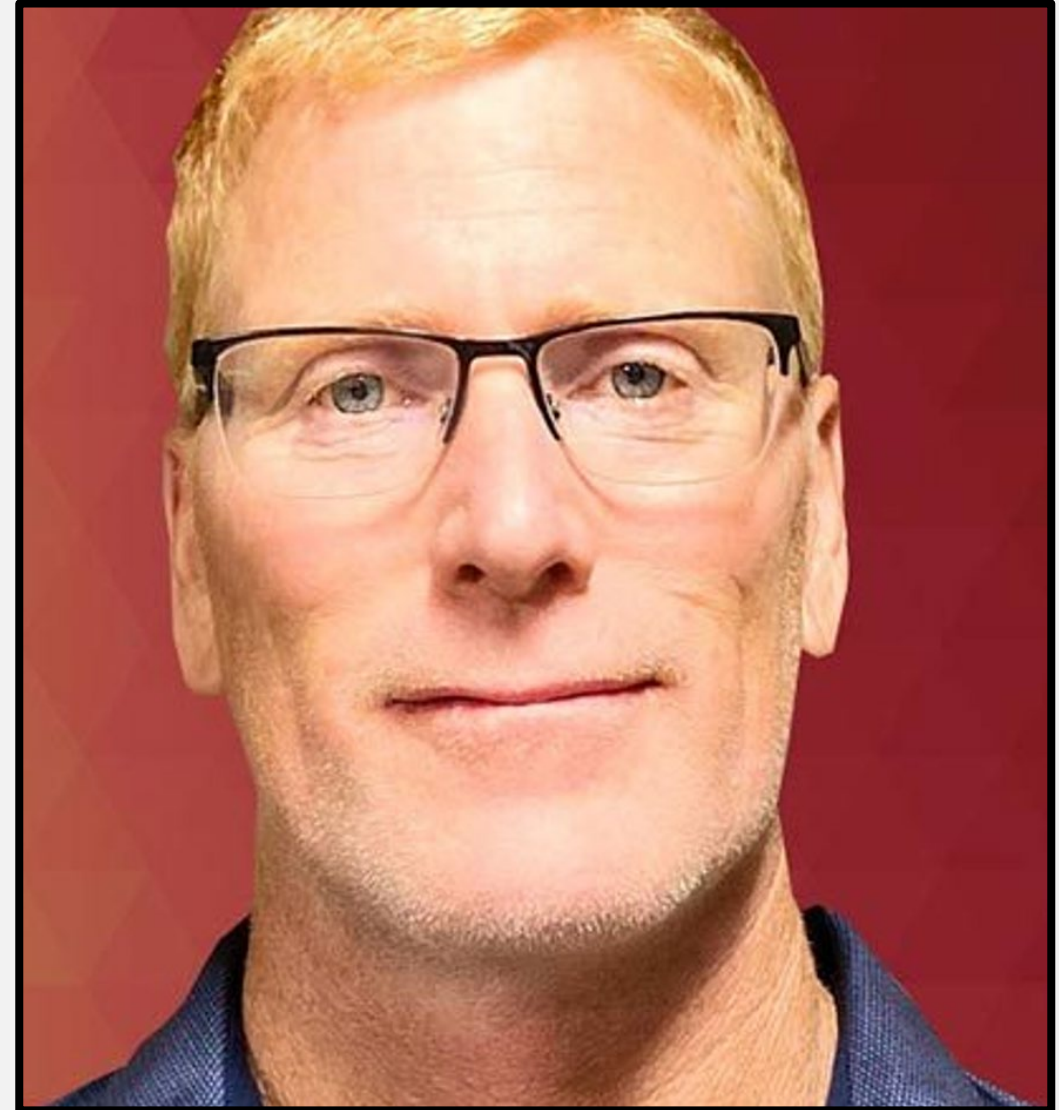


Local 150 I.U.O.E. Geothermal Well Drilling Operator Apprenticeship (GWDO)



Your Speaker

- 1990: Entered The drilling industry
- 1999 - 2001: Lead driller for Rock and Soil Inc.
- 2001 - 2009: Drilling department manager for Chicago Testing Techs
- 2009: Assisted to develop the GWDO apprenticeship program
- 2017: OSHA Safety and Health Master Trainers Certificate from West Virginia University
- 2019: Writer for National Driller magazine, now TheDriller.com, specializing in safety and workforce training and development articles



The William E Dugan Training Center

The Finest Heavy Equipment Training Facility in North America

- 342,000 square feet of space housing an 1.5-acre indoor training area
- Over 200 pieces of heavy equipment year-round and nearly 400 pieces during the training season - January to April
- 30 classrooms
- A construction material testing lab, state of the art welding facility, and a heavy equipment simulator lab
- A 200-seat auditorium
- Instructors are available to members six days a week, Monday through Saturday, except holidays

GWDO Apprenticeship

- The U.S. Department of Labor has overseen and set apprenticeship standards for workforce development since the Fitzgerald Act of 1937
- Since 2011, ASIP Local 150 has run the nation's only U.S. Department of Labor registered geothermal well driller apprenticeship
- 4 years with formal instruction and hands on training; simultaneous on-the-job training apprentices “earn as they learn”
- The apprenticeship program is scalable with labor demands
- Local 150 has 125 years of experience in the construction industry

Apprentice Requirements for Advancement

(Classes and Certification Prep Provided at No Cost for The Apprentice)

- 40 hour Hazwoper OSHA 10 Hour Safety Awareness Training
- OSHA Powered Industrial Truck Cert.
- CDL Class A
- Standard First Aid/CPR/AED
- Financial Tools for The Trades
- Rigging Person Safety Training Certificate
- Signal Person Safety Training Certificate
- IGSHPA Geothermal Installers Qualification
- MSHA Surface New Miner
- Basic Mechanical Systems Maintenance
- Grade Instruments and Plans usage

Apprentice Requirements for Advancement

(Provided at no cost for The Apprentice)

Criteria for graduation of apprentices:

- ✓ Complete all classes and maintain all certifications from the previous page
- ✓ 6000 hours of on-the-job training
- ✓ 4 hands-on drilling related performance tests
- ✓ A minimum of 494 hours related training hours focusing on geothermal and water well drilling and installations

Workforce

The background image shows several utility workers in safety gear, including hard hats and high-visibility vests, working at a geothermal site. They are surrounded by large pipes and industrial equipment. The scene is slightly faded to allow the text to be read clearly.

- Existing utility workers can easily receive training to adopt the new technologies found in geothermal work relevant to their trade.
- An increased demand for skilled labor will lead to apprenticeships across all trades reaching out to historically disadvantaged communities to meet demand.
- The skilled trades boast a decades-long history of apprenticeship programs that adhere to the U.S. Department of Labor's high instructional standards.

A faded background image of a construction site. Several workers in safety vests and hard hats are visible, along with large pieces of machinery and pipes. The scene is outdoors and appears to be a drilling or mining operation. The word "Questions" is overlaid in the center in a large, bold, black font.

Questions