



## PROGRAM OUTCOMES

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### APPLIED INDUSTRIAL TECHNOLOGY (PILE DRIVING)

1. Communication. communicate verbally, nonverbally and in writing with the construction team that includes members of other trades, contractor and government agencies.
2. Working With Others. Work independently and in a team environment to accomplish the job in a timely and professional manner.
3. Problem Solving. Recognize, analyze and apply critical thinking to resolve issues as they arise, minimize waste and improve productivity.
4. Health and Safety.. Use appropriate personal protective equipment and fall protection to ensure a safe and environmentally sensitive work environment in accordance with OSHA and other federal, state, local and contractor's standards and policies.
5. Professionalism. Exhibit pride of craftsmanship, reliability, commitment to the organization and take opportunities to upgrade skills.
6. Math and Blueprint Interpretation. Apply basic math concepts and operations and blueprint reading to accurately determine layout in order to fabricate and install various construction tasks that minimize waste.
7. Certifications. Be certified in OSHA, CPR/First Aid, Scaffold, Fall Protection and MSDS.
8. Foundation Systems. Use cranes, vibrating hammers and drilling rigs to drive and secure various types of piling to develop foundations for bridges, and commercial buildings.
9. Retaining Walls. Using appropriate equipment, sheeting, lagging in order to build permanent and temporary retaining walls for variety of construction projects.
10. Cranes and Rigging. Setup and use crane(s) to support the equipment and drive various types of piling.
11. Be certified in rigging and welding.