

## Superintendent in Training Program

American Contracting & Environmental Services, Inc. (ACE) is a general contractor specializing in the construction of water and wastewater treatment facilities in the Mid-Atlantic United States. We self-perform the majority of our work, and, as a result, we are constantly seeking qualified supervisors to oversee the wide variety of tasks required on these complex projects. From deep excavations to heavy concrete structures to process equipment and piping, our industry offers many challenges . . . and opportunities!



It takes a unique individual to become a successful heavy construction superintendent. This position requires both a strong, hands-on work ethic with the engineering background to understand the bigger picture. Our supervisors need to know the "how" but also need to understand the "why". In order to instill these characteristics in our field leaders, we have implemented the ACE Superintendent in Training Program.

Our program will provide you with the knowledge and leadership skills to become a successful heavy construction superintendent, a career that will give you high pay, excellent job satisfaction, and extraordinary job security! We offer an opportunity to work with a team of skilled professionals in tackling our nation's critical infrastructure projects. Read more inside on the details of this groundbreaking new program!



## Water & Wastewater: A Sustainable Market



- ◆ ACE specializes in the construction of water and wastewater treatment facilities. The projects we build play a *vital role in our infrastructure*.
- ◆ Whether it be providing clean drinking water or treating wastewater, *our projects are essential to the health and well being of a community*.
- ◆ Unlike the housing or commercial markets which are volatile and unpredictable, our industry forecasts *steady growth for the next 20 years*.
- ◆ Water is and always will be our most precious resource. ACE works to provide water to our communities.

## The Program Specifics

The ACE Superintendent Training Program combines on the job training with classroom education we have tailored to the needs of each individual.

**On the jobsite,** each Superintendent in Training (SIT) will work with a skilled tradesman who will provide training on a one-on-one basis. It is essential that the fundamentals of construction and good work practices are learned at the most basic level, providing a strong foundation for future growth. As you advance through the program, you will work with crew leaders, foremen and superintendents in learning the tricks of the trade from our experienced workforce.

**In the classroom,** each SIT will take courses specifically designed to enhance their development as a supervisor and leader. These courses will cover a wide variety of topics to provide a theoretical perspective to the lessons learned on the job. The coursework listed on the following page is the minimum you would receive and is by no means a rigid requirement. We will add courses that we deem valuable and delete courses which may not be necessary.



## Coursework

Phase 1	Phase 2	Phase 3
<ul style="list-style-type: none"><li>• 30 Hour OSHA</li><li>• Surveying 1</li><li>• Spanish (Rosetta Stone)</li><li>• Rigging &amp; Material Handling</li><li>• CPR/First Aid</li><li>• Concrete Testing Course</li><li>• Blueprint Reading</li></ul>	<ul style="list-style-type: none"><li>• Competent Person for Excavation</li><li>• Competent Person for Confined Space</li><li>• Competent for Fall Protection</li><li>• Heavy Equipment Operation</li><li>• Crane Management</li><li>• Karrass Negotiating Seminar</li><li>• Surveying II</li></ul>	<ul style="list-style-type: none"><li>• Crew Leader Academy</li><li>• Material Handling/Site Organization</li><li>• Time Sheets</li><li>• Labor &amp; Cost Reports</li><li>• Accident Management</li><li>• World of Concrete</li><li>• Advanced Surveying</li></ul>

## On the Job Training

- Use of Tools & Equipment
- Safety
- Blueprint Reading
- Layout & Surveying
- Excavation & Shoring
- Equipment Maintenance
- Crane Management
- Formwork
- Rebar
- Concrete Placement
- Rough Carpentry
- Finish Carpentry
- Rigging
- Process Equipment Installation
- Ductile Iron Pipe
- Plastic Pipe
- Copper Pipe
- Steel Pipe
- Pipe Testing
- Start-up & Testing of Process Equipment
- Buried Pipe

The majority of our workforce has been building water and wastewater treatment facilities for over 20 years. During your on-the-job training, you will work alongside experienced tradesmen who will teach you the skills and techniques they have mastered over a career in heavy construction. From building concrete wall forms to pipefitting to installing vertical turbine pumps, you will receive a thorough education in all things related to water treatment!



## **The Superintendent Career Path**

The Superintendent career path is not necessarily a natural one for your typical engineering student. This career requires an individual who has a desire to work outside in a hands-on environment and also appreciates the rewards offered by a job well done. Upon completion, our projects offer the satisfaction of knowing that you played a significant role in building something that has a positive impact on society and that you met and overcame the difficult challenges and hurdles along the way.

Your typical engineering student might enter a "Project Manager" career path thinking that is the route to greater financial reward and career development, however, industry studies show that the compensation is virtually identical. See our flow chart below which demonstrates this point. Furthermore, a Superintendent has much greater job security due to their relative scarcity in today's workforce.

### **Career Path Flow Chart**

If you are an individual who enjoys being outdoors, hard work, and working in a team environment, we think this program would offer a challenging and rewarding career! For more information on American Contracting and how to apply for this program, please contact our Vice President Joe Godin using the contact information below.

