CERTIFICATE IN CONSTRUCTION SUPERVISION – CIVIL SITE WORK

Complete all 8 of the following.

201 Leadership and Motivation:
Recognize your style of leadership and how to utilize other styles when appropriate. Analyze worker needs and learn how these needs effect motivation. Determine how to improve job performance and positively influence attitudes and abilities. Learn the various roles of the leader and how these roles can be applied at the job site.

202 Oral and Written Communications:
Acquire skills and understanding of positive direct communication with an emphasis on construction supervision. Grow in your abilities to help people communicate with you, listen better, and deal with the difficult person. Develop your skills in negotiating and communicating with all organizational levels and groups.

203 Risk Management and Project Solving:
Understand how to solve and prevent problems and how to make decisions. Technical problems, human performance problems and scheduling problems will be reviewed. Learn how to avoid barriers to creative problem solving & how to create a problem solving atmosphere at the jobsite.

204 Contract Documents and Construction Law:
Learn about common construction contract clauses and how to read a contract. Construction disputes, including differing site conditions, claims, delays and construction defects will be studied.

205 Planning and Scheduling:
Learn and apply basic construction planning and scheduling skills. Prepare bar chart schedules and critical path schedules. Read complex project schedules, and understand the basics of project management by scheduling, Employ acceleration techniques.

206 Construction Productivity and Cost Management:
Study construction cost and apply principles and practices associated with cost awareness and production control. Students will learn how to calculate and measure worker productivity. Understanding worker’s abilities and the impact of environmental factors will be studied.

Emphasis Courses:

108 Construction Equipment and Methods
Develop an overall understanding of construction equipment & selected construction methods. Students will determine earthwork quantities, understand equipment economics & utilization, equipment production rates, fundamentals of earthmoving & excavating, loading and hauling equipment.
Complete all 8 of the following classes.

109 Practical Applications of Civil Construction:
This course focuses on understanding civil construction techniques. This includes site preparation and grading, excavation, backfill, compaction, trenching, paving, and dewatering. Discussion on the proper methods of determining earthwork quantities, estimating civil construction costs and safety implications.

What are the previous students thoughts?

“The greatest strength of the course was the interaction between the students.”

“Great course all around!”

“I enjoyed this course. Mr. George led this course well and provoked us with his direction, questions and comments. The textbook was thorough and explanation of the material very well described. It was an easy read and the diagrams and drawings helped me to understand what was written better.”

“I thought this was a great course. One of the best I’ve taken online. I appreciated that the instructor was present in the class discussions, this was very helpful.”

“Online distance learning is a terrific tool for busy people to manage their time and accomplish education goals.”

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