
COURSE DESCRIPTION:

Grade and Drain Level I training course is designed to teach participants the skills and knowledge to become a qualified grade and drain inspector. The first portion of the course will be classroom training that will cover topics such as soil sampling, interpretation of soil profile sheets, specifications of grade and drain construction and visual identification of soil types. The second portion of the course consists of hands-on-training, in which each participant will perform both the one-point proctor and nuclear density gauge tests. This one-day course is designed for those who will be performing grade and drain inspections.

INSTRUCTORS: DAVE ALLEN & TIM SCULLY

Dave Allen is a graduate of the University of Kentucky. He worked at the Kentucky Transportation Cabinet and later at the Kentucky Transportation Center, where he retired as the Program Manager for the Pavements and Materials Research Program. During his career, he conducted research on landslides, including rheological studies on soils and asphalts. He published over 200 research reports during his career and taught Soil Mechanics for two semesters at UK.

Tim Scully

AGENDA

Introduction

Geology

Soil Classification

Soil Tests

Break

Soil Sheets

Sampling and Testing

Construction Requirements

Aggregate Base Courses

Dense Graded Aggregate and Crushed Stone Base

Lunch

Hands-On Training (with break)

One-Point Proctor Test

Nuclear Density Gauge Test

Written Exam

Adjourn