Design of Structures 3 Learning System

94-DOS3

MT MATERIALS

94-DOS3

Interactive Multimedia Curriculum and Student Reference Guide

Learning Topics:

- Level-Transit Operation
- Level-Transit Application Techniques
- Basic Level-Transit Applications
- Tape Measure
- Surveying Process
- Trigonometric Survey Applications
- Mapping
- Topographical Maps
- Plats
- Global Positioning Systems (GPS)
- GPS in Surveying

Amatrol's Design of Structures 3 Learning System (94-DOS3) covers the basic principles of surveying, surveying equipment, reading and interpreting maps, and global positioning systems. Surveying involves taking measurements of land and its features and then processing this information into usable data. Surveying provides essential information used by construction professionals, civil engineers, and more!

The Design of Structures 3 Learning System includes a level-transit kit, global positioning system, interactive multimedia surveying curriculum, an instructor's guide, an installation guide, and a student reference guide. This equipment and curriculum will be utilized to cover vital topics like level-transit operation, trigonometric survey applications, topographical maps, global positioning system applications, and more!

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Technical Data

Complete technical specifications available upon request.

Surveying Equipment
- Level-Transit with Case
- Tripod
- Level-Rod
- Floor Protection Cup
- Global Positioning System
- Batteries
- Measuring Tape
- Flags

Interactive Multimedia Curriculum (M11602)
Instructor's Guide (11612)
Installation Guide (11622)
Student Reference Guide (H11602)
Additional Requirements:
- Computer: See requirements: http://www.amatrol.com/support/computer-requirements

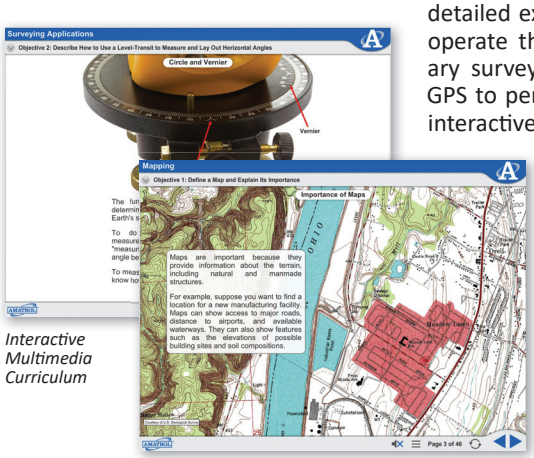
Use Real-World Surveying Equipment to Measure Differences in Elevation

The 94-DOS3 includes a variety of real-world surveying equipment like a global positioning system (GPS), level-transit, rod kit, tripod, and level-rod. Learners will use these components to practice skills like using a level-transit to run a straight line and measure differences in elevation, using a level-transit and level-rod to lay out horizontal and vertical angles, and using a GPS to perform and verify a survey. Related skills that learners will practice include using longitude and latitude coordinates to find a location, identifying symbols on a topographical map, and reading a plat.

Level-Transit

Learn How to Perform a Boundary Survey with Multimedia Curriculum

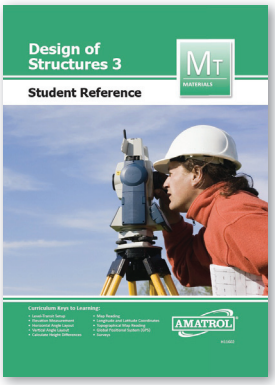
Design of Structures 3 covers the basic surveying principles and equipment and how they are used to perform surveys and read maps, as well as global positioning system applications. More detailed examples of learning topics include: how to operate the level-transit; how to perform a boundary survey; how to obtain a plat; and how to use GPS to perform or verify surveys. Amatrol's peerless interactive multimedia curriculum utilizes text with voiceovers, pictures, videos, stunning 3D animations, and interactive quizzes and reviews that engage learners in theoretical knowledge and concepts.



Interactive Multimedia Curriculum

Student Reference Guide

A sample copy of the Design of Structures 3 Student Reference Guide is also included with the system for your evaluation. Sourced from the system's curriculum, the Student Reference Guide takes the entire series' technical content contained in the learning objectives and combines them into one perfectly-bound book. Student Reference Guides supplement this course by providing a condensed, inexpensive reference tool that learners will find invaluable once they finish their training making it the perfect course takeaway.



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