



INTERNATIONAL RIGHT OF WAY ASSOCIATION

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Coming Soon!

**Course 900:
Principles of Real Estate Engineering**

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Principles of Real Estate
Engineering**

Course Description:

With the use of lecture, questions and answers, exercise methods, graphic illustrations and transparencies, participants will learn how to use engineering tools such as an engineering scale and protractor; gain basic skills in reading and interpreting information contained on engineering plans; and learn how to read, understand and plot simple descriptions using the most common methods of property descriptions. Participants will understand the basic principles of engineering drawings; be able to understand and interpret information on plans; use an engineer's scale to determine distances; identify types of highway curves; determine the effects of a project on a property; be able to understand the background of property descriptions; become knowledgeable of the basic features of property descriptions; become familiar with the most common systems and methods of property descriptions; and be able to write and plot property descriptions using various methods.

Prerequisites:

It is highly recommended that participants have successfully completed IRWA Course 100, "Principles of Land Acquisition", or have a minimum of two (2) years professional right of way engineering experience, prior to attending this class.

Topics:

- Using engineering scales and protractors
- Definition of engineering terms
- Three-view concept of plan, profile and cross-section views
- Basic skills in interpreting engineering plans
- Basics of reading, understanding and plotting the most common types of property descriptions

Course Tuition Includes:

Participant's Manual; engineering tools (engineering scale, protractor and straight edge)

Required Materials:

Mechanical Pencil
Handheld Calculator

Who Should Take This Course:

This two-day course is designed for the novice or new non-engineer employee, but is also a valuable refresher course for experienced agents.

