



19210 S. Vermont Avenue, Building A, Suite 100
Gardena, CA 90248
Phone: (310) 538-0233
www.irwaonline.org

Course 901: Engineering Plan Development & Application July 31, 2019 College Station, TX



Course 901: Engineering Plan Development and Application

Course Description:

The purpose of this course is to enable participants to improve their plan reading skills in order to perform their jobs more easily, effectively and efficiently. The course is designed to enable participants to improve their skills in using engineering plans and drawings.

Prerequisites: IRWA Course 100 “Principles of Land Acquisition” or IRWA Course 900 “Principles of Real Estate Engineering” (or equivalents), or basic understanding of engineering terminology and principles; and a minimum of two years of right of way engineering experience.

Course Level:

Intermediate

Topics:

- How to read topographic and property information on plans
- The interrelationship of plan, profile and cross section sheets
- How to determine the horizontal and vertical alignment of a centerline
- How to use aerial photogrammetry
- Plane coordinates
- Utility line crossings of highways
- Contour line characteristics
- How to calculate earthwork
- Interpreting right of way plans

Course Tuition Includes:

Participant Manual
Engineering tools (engineering scale, protractor and straight edge)

Required Materials:

Calculator
Pencil

Who Should Take This Course:

This course is designed for the new non-engineer employee who has acquired a basic understanding of engineering terminology and principles and has two years engineering right of way experience. It is also a valuable refresher course for experienced agents.

Course 901: Engineering Plan Development and Application

Sponsored by IRWA Region 2

July 31, 2019

College Station, TX

***Register online at:**

www.housmanandassociates.com/irwa/info.aspx

***Registrations may only be made through www.housmanandassociates.com**

	Registration Deadlines	Member Tuition	Non-Member Tuition
On and Before:	July 9, 2019	\$265.00	\$330.00
On and After:	July 10, 2019	\$300.00	\$365.00

Course Coordinator:

Erin Newberry, SR/WA, R/W-NAC, R/W-RAC
17763 Maui Sands
San Antonio, TX 78255
Phone: (210) 601-5597
Email: erin.newberry@percheronllc.com

Classroom and Hotel Accommodations:

Hilton College Station
801 University Drive
College Station, TX 77840
Phone: (979) 693-7500
Rate: Single - \$107.00 per night plus tax
Contact hotel directly for reservations
Block Code: IRWA19
Block Rate Cutoff Date: July 9, 2019

Instructor:

Terry Rowe is licensed professional surveyor in 22 states and a project manager professional who has over 30 years of experience in land surveying and project management including topographic, engineering design, route, boundary, construction, as well as mapping, records research and computations. Terry is CLIMB certified and instructs the 900 series courses.

Cancellation Policy: All classes scheduled by IRWA are subject to cancellation. All class registrants must contact the Course Coordinator prior to making travel arrangements, keeping in mind that the class may be cancelled at any time (for reasons including, but not limited to, insufficient registration, Instructor emergencies or other issues beyond the control of the chapter and/or IRWA). Fully liquidated damages for any losses incurred by a class registrant are limited solely to a refund of the registrant's prepaid class tuition. IRWA and its chapters assume no other registrant liability resulting from class cancellation.

Tuition Refund Policy: Written notification of intent to cancel registration must be received via email by both the Course Coordinator and IRWA Headquarters Education Staff (education@irwaonline.org) prior to the class start date in order to be eligible for a tuition refund. A full tuition refund will be issued if notice is received 15 days or more prior to the class start date; a 75% refund will be issued if notice is received less than 15 days prior to the class start date, and no refund will be issued for notice received on or after the class start date.