



## Workshop 854 – CMS Case Study Review Workshop

### Course Description

This workshop provides a comprehensive review of the methods and applications of cadastral mapping. Participants are to have had IAAO's two mapping science courses and experience in cadastral mapping. This is not an introductory workshop. There are three sections included in this course: Geometry of the Description, Public Land Survey System, and Rules for Construction of the County Cadastre. Students are exposed to typical mapping scenarios that they will encounter in the Cadastral Mapping Specialist (CMS) case problem. Each exercise is followed by a discussion of the solution. The workshop is approximately 30% lecture and 70% problem solving. There is no graded exam.

### Objectives

Students will recognize typical mapping scenarios that they will encounter in the cadastral mapping specialist (CMS) case study.

- Prepare students for the CMS case study, a requirement for candidates for the Cadastral Mapping Specialist (CMS) designation.
- Understand the geometry of a legal description and placement within the county cadastre.

# Timetable

Topic	Time Requirement	Day Covered
<b>Chapter 1: Cadastral Mapping</b>		
<b>Section 1: The Cadastral Workflow</b>	400 Minutes	Day One
Land Descriptions		
Metes and Bounds		
Curves		
Exceptions and Reservations		
Plotting Exercises		
<b>Section 2: The Public Domain</b>	200 Minutes	Day Two
The Public Land Survey System		
How to Read PLSS Deeds		
Rules of Construction		
Plotting Exercises		
<b>Chapter 2: Preparatory Exams</b>		
Case Study General Instruction Overview	10 Minutes	Day Two
Public Land Survey System Case Study Exercise	20 Minutes	Day Two
Metes and Bounds Case Study Exercise	180 Minutes	Day Two