

## Master Syllabus

### CAT 2581 - Legal Principles for Surveyors

**Division:** Science, Mathematics and Engineering

**Department:** Civil Engineering Technology

**Credit Hour Total:** 3.0

**Lecture Hrs:** 3.0

**Date Revised:** October 2012

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#### Course Description:

Legal principles of surveying. Field investigation and case studies are used to understand the elements that govern establishment of real property boundaries.

#### General Education Outcomes:

- ▣ Critical Thinking/Problem Solving Competency
- ▣ Information Literacy Competency

#### Course Outcomes:

##### Legal principles

Identify legal principles associated with performing a land survey.

**Assessment Method:** Locally developed exams

**Performance Criteria:** 70% or higher correct responses on exams

##### Terms

Identify and define terms unique to the reconstruction of original surveys.

**Assessment Method:** Locally developed exams

**Performance Criteria:** 70% or higher correct responses on exams

##### Real property boundaries

Determine real property boundaries based on field evidence.

**Assessment Method:** Portfolios

**Performance Criteria:** 70% or higher of available points on field exercise results

#### Outline:

Common case law boundary principles  
Sequential and simultaneous conveyance  
U.S. Public Land Surveying Systems  
Ohio Public Land Surveys  
Controlling elements in legal descriptions