

COURSE SYLLABUS

LAST REVIEW	Fall 2022
COURSE TITLE	Boundary Control
COURSE NUMBER	SURV 0108
DIVISION	Career and Technical Education
DEPARTMENT	SURV
CIP CODE	15.1102
CREDIT HOURS	3
CONTACT HOURS/WEEK	Class: 3 Lab:
PREREQUISITES	SURV 0102

COURSE PLACEMENT Students must meet the correct placement measure for this course. Information may be found at:
<https://www.kckcc.edu/admissions/information/mandatory-evaluations-placement.html>

COURSE DESCRIPTION

This course teaches the fundamental knowledge required to perform land records research with deeds and other related records, survey records, and other land records preparatory to conducting property boundary surveys. The student will examine evidence of ownership, historical information, property descriptions, and legal requirements for reviewing and recording documents. Applications of the applicable portions of the Kansas Minimum Standards for Property Boundary Surveys as well as of the standards for land title surveys of the American Land Title Association (ALTA)/National Society of Professional Surveyors (NSPS) will be discussed. Various aspects of professional practice and ethics are also included.

PROGRAM LEARNING OUTCOMES

1. Prepare students with a holistic education for a long-term career as a responsible licensed professional in land surveying with educational content that includes: the science of making measurements; proper use of technology; ability to perform analysis on and adjust surveying measurements; understand the legal aspects of boundary surveying including retracement of original surveys; interpret, write and survey land descriptions; and understand the basic principles of managing a surveying business.
2. Have an active, engaged professional advisory committee that aligns the educational objectives such that the program reflects changes in technology,

regulatory laws, rules and regulations and complies with professional standards of conduct.

3. Partner with professionals, service companies and technology providers in the surveying industry as well as government entities to enable student internships, employment opportunities, engagement with the public, and student scholarships and grants.
4. Graduates will, upon graduation, be prepared to take and pass the NSPS Level I Certified Survey Technician exam.

TEXTBOOKS

<http://kckccbookstore.com/>

METHODS OF INSTRUCTION

A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.

COURSE OUTLINE

- I. Analyze and make conclusions about deviations between recorded information and found evidence.
- II. Understand how to apply the “four corners” doctrine and when extrinsic evidence may be used to fill gaps in the records pertaining to land title and ownership.
- III. Correlate technical, legal, and administrative facts.
- IV. Evaluate the reliability of all evidence discovered.
- V. Apply prescribed standards and historical values.
- VI. Provide a reasonable conclusion of title boundary locations of real property based on the proper legal doctrines, case law, statutes, and standards.
- VII. Principles of the PLSS Survey System used in Kansas.
- VIII. Proper records research and what to look for while performing a boundary survey. (Subdivision plats, prior surveys, road records, highway plans, etc.)
- IX. Introduction to and understanding boundary descriptions.
- X. Understanding professional practice requirements including document creation, and record keeping, such as Land Survey Reference Reports (LSRR).

COURSE LEARNING OUTCOMES

Upon successful completion of this course, the student will:

- A. Make conclusions about deviations between recorded information and evidence.
- B. Understand the fundamental concepts of how to perform land records research with deeds and other related records.
- C. Understand and evaluate discrepancies between title and property records of what appear to be the same tracts of land

- D. Understand how to evaluate evidence of ownership, historical information, and property descriptions.
- E. Evaluate boundary locations of real property based on doctrines, case law, statutes and standards.
- F. Understand how to apply the Kansas Minimum Standards for Property Surveys.
- G. Have a working knowledge of the Kansas PLSS Surveying System and how it works.
- H. Use GLO maps and plats to aid in Section corner recovery and retracement of the Original GLO Surveyors' work.
- I. Understand the significance of "Case Law" and how to know when it affects your survey.
- J. Understand the requirements for document creation and record keeping.

ASSESSMENT OF COURSE LEARNING OUTCOMES

Student progress is evaluated through both formative and summative assessment methods. Specific details may be found in the instructor's course information document.

COLLEGE POLICIES AND PROCEDURES

Student Handbook

<https://www.kckcc.edu/files/docs/student-resources/student-handbook-and-code-of-conduct.pdf>

College Catalog

<https://www.kckcc.edu/academics/catalog/index.html>

College Policies and Statements

<https://www.kckcc.edu/about/policies-statements/index.html>

Accessibility and Accommodations

<https://www.kckcc.edu/academics/resources/student-accessibility-support-services/index.html>.