Prefix and Course Number: CET 4570

METROPOLITAN STATE COLLEGE OF DENVER
Office of Academic Affairs

REGULAR COURSE SYLLABUS

School of: Professional Studies
Department: Engineering Technology
Semester(s) Offered: Fall/Spring
Prefix & Course Number: CET 4570 Crosslisted With*: None
Course Title: ENGINEERING LAW
Credit Hours: 3 (3+0)
Contact Hours: Lecture 45 Lab 0 Internship 0 Practicum 0
Schedule Type(s): J Grading Mode(s): L

Repeat* (Variable topics): None
*(Pertinent only if the course can be repeated; enter maximum number of hours that can be earned by taking this course.)
Restrictions (Variable Topics Course): None
Prerequisite(s): CET 3120 or permission of instructor
Corequisite(s): None
Prerequisite(s) or Corequisite(s): None

Banner Enforced:
Prerequisite(s): CET 3120 or permission of instructor
Corequisite(s): None
Prerequisite(s) or Corequisite(s): None

Catalog Course Description:
This course provides the student with a basic understanding of contract laws and regulations, laws that govern the execution of the work being performed under the contract. laws that relate to the settling of differences and disputes, and licensing laws.

Required Reading and Other Materials will be equivalent to (Title, Author, Publisher, Copyright Date):

Department Chair

Dean

Associate Vice President for Academic Affairs

*If crosslisted, attach completed Course Crosslisting Agreement Form
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Specific (Measurable) Student Behavioral Learning Objectives:
Upon completion of this course the student should be able to:
1. Examine contract law - those laws and regulations that affect the making of contracts, both public and private.
2. Categorize laws that govern the execution of the work being performed under the contract - this includes conformance to the conditions of the various permits, regulations, ordinances and other requirements of the many jurisdictional agencies that are frequently involved.
3. Compare laws that relate to the settling of differences and disputes during the performance of the contract.
4. Relate laws that govern business practices as well as personal qualifications standards of the various people and trades involved in the construction process.

Detailed Outline of Course Content (Major Topics and Subtopics) or Outline of Field Experience/Internship (experience, responsibilities and supervision):

I. Introduction to Organization Issues
   A. Overview of the construction process
   B. Types of construction contracts
   C. Types of delivery systems

II. Contracts as Enforceable Legal Documents that Determine Rights and Liabilities
   A. Fundamentals of contract law
   B. Rules of contract interpretation

III. Assignment of Risk in Construction Projects
   A. Standard contract forms
   B. Key contract provisions
      1. "Changes" clause
      2. "Differing Site Conditions" clause
      3. "Site Investigation" disclaimers

IV. Public Works Contracts
   A. State
   B. Federal
   C. Bid protest procedures

V. The Competitive Bid Process
   A. Legal issues affecting bidding
   B. Bid mistakes

VI. The Contractor/Subcontractor Relationship
   A. Subcontractor rights and obligations
   B. Evaluating the standard subcontract

VII. The Role of the Architect/Engineer in Construction
   A. Duties and responsibilities of the architect
   B. Preparation of plans and specifications

VIII. Problems that Arise During Construction
   A. Scheduling techniques
   B. Construction delays
   C. Dealing with defective construction

IX. Understanding Construction Damages
   A. Basic principles and theories of recovery
   B. Elements of a damages claim
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X. Securing Protection Against Losses
   A. Bonds and sureties
   B. Insurance

XI. Mechanic's Liens

XII. Mechanisms for Resolving Disputes
   A. Arbitration
   B. Litigation
   C. Negotiation/ADR

Evaluation of Student Performance:

1. Mid-term written examination
2. Class participation
3. Written paper
4. Final Exam