TO: The Faculty of the College of Engineering

FROM: The Faculty of the Division of Construction Engineering and Management

RE: New Course - CEM 48500 Legal Aspects of Construction Engineering

The faculty of the Division of Construction Engineering and Management has approved the following new course. This action is now submitted to the Engineering Faculty with a recommendation for approval.

Course no. CEM 48500 Legal Aspects of Construction Engineering
Semester 1, Lecture 1, Cr. 3
Prerequisite: None

Description: CEM 48500 will cover legal principles and landmark cases relevant to civil and construction engineering. Specific subjects covered include contracts, torts, agency, professional liability, labor laws, insurance, expert testimony, arbitration, patents and copyrights, sureties and ethics.

Reason: CEM 48500 has been offered since the spring of 2010 as CEM 49700 Legal Aspects Construction Engineering. The experimental version has been required and the Faculty has determined the course should be a permanent fixture in the Plan of Study in Construction Engineering.

Makarand Hastak, Ph.D., PE, CCP
Professor and Head of Construction Engineering and Management
Professor of Civil Engineering

APPROVED FOR THE FACULTY OF THE SCHOOLS OF ENGINEERING BY THE ENGINEERING CURRICULUM COMMITTEE

ECC Minutes 4/29/14
Date 4/29/14
Chairman ECC [Signature]
CEM49700-008, Civil Engineering Building, Room 2108
Legal Aspects of Construction Engineering
Fall 2013
Tuesday 4:30 p.m.

Instructor: John M. Stuckey
300 Main Street, Suite 900
Lafayette, IN 47901
(765) 423-1561
jms@stuartlaw.com
8888 Keystone Crossing, Suite 640
Indianapolis, IN 46240
(317) 575-2555 (direct)

Tandra M. Stovall
tms@stuartlaw.com
300 Main Street, Suite 900
Lafayette, IN 47901
(765) 423-1561
(765) 428-7050

Office Hours: After class or e-mail/call for appointment

Teaching Assistant:


Selected cases, statutes, etc. – TBA

Course Description:
Legal principles and landmark cases relevant to civil and construction engineering. Specific subjects covered include contracts, torts, agency, professional liability, labor laws, insurance, expert testimony, arbitration, patents and copyrights, sureties and ethics.

Course Objectives:
Principles of ethical and professional conduct of engineers. Gaining familiarity with the basic structure of the US legal system as it relates to legal obligation and responsibilities of engineers. Legal and regulatory concerns relating to the facility acquisition process from an engineer’s perspective. Obligations of parties to contracts for professional services, construction and material procurement. Methods of avoiding and resolving disputes between parties to design and construction contracts.
Tentative Schedule of Topics Covered

August 20:
Overview of the Course; Course administration (e.g., grading, attendance, classroom participation); Engineering ethics; Overview of U.S. judicial system and sources of law.

    JTB 2-37

August 27:
Topic: The Engineer’s Relationship With His or Her Employer.

    JTB 269-304
    Handouts from prior week

September 3:
Topic: The Engineer’s Professional Liability

    JTB 305-369; 312-346
    Handouts from prior week

September 10:
Topic: Basic Principles of Contract Law

    JTB 56-105
    Handouts from prior week

September 17:
Topic: Basic Principles of Contract Law, cont.

    JTB 106-140
    Handouts from prior week

September 24:
Topic: Review for Midterm

October 1:
Midterm Examination

October 8:
No class today – Fall Break

October 15:
Topic: Introduction to Construction Contracts
October 22:
Topic: Construction Contracts, cont.

JTB 434-507;
Handouts from prior week

October 29:
MEMORANDUM OUTLINE OF TERM PAPER DUE TODAY
Topic: The Protection of Intellectual Property – Copyrights, Trademarks, Patents, Trade Secrets, Employment Agreements, Covenants Not to Compete

JTB 334-357
Handouts from prior week

November 5:
Topic: Public Contracts: Issues Raised By Spending Public Money

Handouts from prior week

November 12:
Topic: Construction Scheduling: Effects of Delay
Claims and Dispute Resolution

JTB 546-576
Handouts from prior week

November 19: TERM PAPERS ARE DUE TODAY

Topic: Insurance & Bonds

JTB 172-187
Handouts from prior week

December 3:

Handouts from prior week

December 11:
Finals Week – Date and time of final exam TBA
Assignments and Grading Procedures:

1 Midterm 30%
1 Final Examination (cumulative) 30%
Paper (>20 pgs) 20%
Classroom discussion participation 10%
Classroom presentations 10%

Each student is expected to read all assignments, cases, etc. in advance of class periods, and should be prepared to be called upon in class to debate or lead a discussion related to the assignment.

Guidelines for Term Paper on Case or Legal Topic of Personal Interest

A term paper (maximum 20 pages) should be turned in by the due date. You have a considerable freedom in selecting a topic for this report, but it must be related to a legal issue, and preferably be related to engineering practice. It may be an analysis of selected legal issues related to a specific engineering project, or analysis of recent or emerging government regulations. The paper topic should not concentrate on a single court case, but should focus on policy issues raised by a legal controversy or issue of your choice. These issues may and should be illustrated by two or more example cases, either past cases on which there is a court verdict or pending cases still in litigation. You are required to submit a memo outlining your paper topic and content and secure approval of it before you begin this assignment. You are also encouraged to review drafts of this paper with Mr. Stuckey during the course of the semester.

Late Submission Policy:

No late papers or memoranda will be accepted without prior approval and for good cause shown. You are responsible for managing your schedule so that last-minute emergencies do not prevent you from submitting your work product in a timely fashion.

Selected Due Dates:

Term Paper Outline Submitted for Approval by Instructor: October 29, 2013
Term Paper Submittal: November 19, 2013
PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION,
OR REVISION OF AN UNDERGRADUATE COURSE
(10000-49999 LEVEL)

DEPARTMENT: Construction Engineering and Management
EFFECTIVE SESSION: Fall 2014 (201510)

INSTRUCTIONS: Please check the items below which describe the purpose of this request.

- New course with supporting documents
- Add existing course offered at another campus
- Expiration of a course
- Change in course number
- Change in course title
- Change in course credit type
- Change in course attributes (department head signature only)
- Change in instructional hours
- Change in course description
- Change in course requisites
- Change in semesters offered (department head signature only)
- Transfer from one department to another

PROPOSED:

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<tr>
<th>Subject Abbreviation</th>
<th>Existing Subject Abbreviation</th>
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Course Number: 48500

Long Title: Legal Aspects of Construction Engineering
Short Title: Legal Aspects Constr Eng

TERMS OFFERED:
- Summer
- Fall
- Spring

CAMPUS(ES) INVOLVED:
- Calumet
- Cont Ed
- Ft. Wayne
- Indianapolis

CREDIT TYPE

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Credit Type: 3

COURSE ATTRIBUTES:
- Pass/Fail Only
- Satisfactory/Unsatisfactory Only
- Repeatable
- Maximum Repeatable Credit:
- Maximum Repeatable Credit:
- Maximum Repeatable Credit:
- Credit by Examination:
- Fees:
- Coop:
- Lab:
- Rate Request:

Include comment to explain fee

Schedule Type

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COURSE DESCRIPTION (INCLUDE REQUIREMENTS/RESTRICTIONS):

Legal principles and landmark cases relevant to civil and construction engineering. Specific subjects covered include contracts, torts, agency, professional liability, labor laws, insurance, expert testimony, arbitration, patents and copyrights, sureties and ethics.

COURSE LEARNING OUTCOMES

Principles of ethical and professional conduct of engineers. Gaining familiarity with the basic structure of the US legal system as it relates to legal obligation and responsibilities of engineers. Legal and regulatory concerns relating to the facility acquisition process from an engineer's perspective. Obligations of parties to contracts for professional services, construction and material procurement. Methods of avoiding and resolving disputes between parties to design and construction contracts.

Calumet Department Head Date

Calumet School Dean Date

Fort Wayne Department Head Date

Fort Wayne School Dean Date

Indianapolis Department Head Date

Indianapolis School Dean Date

North Central Department Chair Date

Vice Chancellor for Academics/Chief Date

West Lafayette Date

West Lafayette Registrar Date

OFFICE OF THE REGISTRAR

OFFICE OF THE REGISTRAR

5/12/2014

Lam 5/1/14