

Submit original with signatures + 1 copy+ electronic copy to UAF Governance.

See <http://www.uaf.edu/uafgov/faculty/cd> for a complete description of the rules governing curriculum & course changes.

**TRIAL COURSE OR NEW COURSE PROPOSAL**

**SUBMITTED BY:**

<b>Department</b>	<b>Civil and Environmental Eng.</b>	<b>College/School</b>	<b>CEM</b>
<b>Prepared by</b>	<b>Robert Perkins</b>	<b>Phone</b>	<b>474 7694</b>



. 2 4 I D 1 3 . r

ents and deans involved. Add lines at end of form for such		
	If yes, Dept.	Course #



**20. IMPACTS ON PROGRAMS/DEPTS**

What programs/departments will be affected by this proposed action?  
Include information on the Programs/Departments contacted (e.g., email, memo)

**The Graduate Certificate in Construction Management and its courses was approved by the CEE faculty and the CEM dean.**

**21. POSITIVE AND NEGATIVE IMPACTS**

**ADDITIONAL SIGNATURES: (As needed for cross-listing and/or stacking)**

	Date	
Signature, Chair, Program/Department of:		
	Date	
Signature, Chair, College/School Curriculum Council for:		
	Date	
Signature, Dean, College/School of:		

# Outline Syllabus

## Introduction to Safety Engineering

### 1. Course information:

Introduction to Safety Engineering, CE F656B, One credit,  
Prerequisites: Recommended Admission to the Graduate Certificate in Construction Management Program.

*Location and Meeting Time* will be specific to each offering of the course.

### 2. Instructor (and if applicable, Teaching Assistant) information:

*Instructors Name, Office Location, Office Hours, as well as Telephone and Email* contact information will be specific to each offering of the course.

### 3. Course readings/materials:

Handout of text material and assigned materials students will download from the Internet.

### 4. Course description:

This course will introduce students to safety planning for construction activities. We will investigate the legal requirements as well as practical aspects of justification and implementation. We will also look at methods to encourage employees and other stakeholders to

BTW 5.19

Introduction

History of Construction Safety

Class 2

OSHA; Purpose and Power

OSHA; The Reality

Class 3

Safety Planning

Monitoring and Plan Modifications

Class 4

Quiz

Implementation: Notification and Education

Implementation: Encourage, demand and punish

Class 5

Managing safety of Subcontractors

Owners and Designers

Class 6

Class Presentations

**9. Course policies:**

Due to the limited number of classes, attendance and class participation is expected in all classes, unless arranged otherwise with the instructor, and will be considered in determining final grade. Plagiarism will not be tolerated.

**10. Evaluation:**

The final grade will be determined on the following basis:

Final presentation (written: 30%; oral: 25%)	55%
Quiz	20%
Class participation	13%
Attendance (6 @2%)	12%

**11. Support Services:**

Administrative services for the course are provided by the Center for Distance Education 907-479-4757 and technical assistance by Video Conferencing Services 1-800-910-9601.

**12. Disabilities Services:**

The Office of Disability Services implements the Americans with Disabilities Act (ADA), and insures that UAF students have equal access to the campus and course materials.

We will work with the Office of Disabilities Services (208 WHIT, 474-5655) to provide reasonable accommodation to students with disabilities.