

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:

Department	Civil and Environmental Eng.	College/School	CEM
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The Graduate Certificate in Construction Management and its courses was approved by the CEE faculty and the CEM dean.

21. POSITIVE AND NEGATIVE IMPACTS

Please specify **positive and negative** impacts on other courses, programs and departments resulting from the proposed action.

This course follows the New Degree Program Request which examined the growth in the CEE department. No additional positive or negative impacts from this course are likely.

JUSTIFICATION FOR ACTION REQUESTED

The purpose of the department and campus-wide curriculum committees is to scrutinize course change and new course applications to make sure that the quality of UAF education is not lowered as a result of the proposed change. Please address this in your response. This section needs to be self-explanatory. Use as much space as needed to fully justify the proposed course.

This course is part of a UAF CEE outreach to package our graduate classes in a way that is convenient to students and their employers. This outreach was formalized in a New Degree Program Request for a Graduate Certificate in Construction Management which was approved by the UA Board of Regents in September 2009. The courses in this program grew out of a needs assessment by UAF CEE of Alaska engineering employers, including governments, consultants, and contractors, that indicated that courses of about one credit's intensity were best. The classes are being taught by UAF faculty, emeritus faculty, or appropriate adjuncts approved by the CEE faculty and Chair. All classes feature an assessment process: tests, reports, presentations, and/or graded homework.

APPROVALS:

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

Managing Business Risk

1. Course information:

Managing Business Risk, CE F655B, 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 investigate the sources of business risks to firms in the construction industry. Analysis of how business models and plans, financing, bonding, and insurance issues all affect the corporate entity and day to day operations of managers.

5. Course Goals (general), and (see #6)

Improve the student's skills in managing construction and risk management.

6. Student Learning Outcomes (more specific)

Understand and identify business risks inherent to the construction industry.
Understand the impacts of elements of projects on the business entity.

7. Instructional methods:

Face to face lecture and remote lectures via video conferencing, student presentations and reports. Students will use the Internet to download some instruction material.

8. Course calendar:

Class 1

Introduction

Types of Business Entities

Class 2

Business Financing and Lines of Credit

Business Insurances

Class 3

Purpose, Type and Function of Bonds

Bonding: Obtaining, maintaining.