

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
Prepared by	Robert Perkins	Phone	474 7694
Email Contact	a - 7 (n p e) 2 (r) 2 (k		

6 F . R E Q	A s d e m a n d
	Fall, Spring, Summer (Every, or Even - numbered Years, or Odd - numbered Years) — or As Demand Warrants
7 S . E M E S (T a p p r o v e	As demand w a r r a

8 C O U R S E F O R M A
 NOTE: Course hours may not be compressed into fewer than three days per credit. Any course compressed into fewer than six weeks must be approved by the college or school's curriculum council. Furthermore, any core course compressed to less than six weeks must be approved by the core review committee.

COURSE FORMAT (check all that apply)	1	2	X 3	4	5	6 weeks to full semester
OTHER FORMAT (specify)	Two 2 hour and 15 minute lectures per week for three weeks delivered face to-face or via video conferencing.					
Mode of delivery (specify lecture, field trips, labs, etc)	Lectures					

9. CONTACT HOURS PER WEEK	4.5	LECTURE hours/weeks		LAB hours /week		
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Students will be exposed to the particular issues of construction in remote locations. Is workforce availability and training, supply train, cost, logistics and cultural interactions will all be reviewed in light of their impacts on estimating and management methods.

11. COURSE CLASSIFICATIONS: (undergraduate courses only. Use approved criteria found on Page 10 & 17 of the manual. If justification is needed, attach on separate sheet.)

H = Humanities S = Social Sciences

Will this course be used to fulfill a requirement for the baccalaureate core?

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 li

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

Remote Construction

1. Course information:

Remote Construction CE 655F, 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:

Students will be exposed to the particular issues of construction in remote locations. Issues of workforce availability and training, supply train, cost, logistics and cultural interactions will all be reviewed in light of their impacts on estimating and management methods.

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

Improve the student's skills in managing remote construction.

6. Student Learning Outcomes (more specific)

Understand potential issues and impacts associated with remote construction projects

Understand and be able to identify potential issues that may arise with particular projects types and locations.

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

Design and Bidding
Planning for the Remote Project

Class 2

Workforce Acquisition, transportation and housing
Materials Acquisition, transportation and storage

Class 3

Managing changes
Cost– Benefit analysis of project delays

Class 4

Quiz
Estimating for the Remote Projects

Class 5

Value Engineering
Critical Thinking

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 4800-910-9601.

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, 476-55) to provide reasonable accommodation to students with disabilities.