



**Brief Statement of Program:**

The objective of the Graduate Certificate in Construction Management is to increase the skills of graduate engineers and other construction professionals in order to accelerate their advancement into more responsible management positions. The program was designed with strong input from construction industry employers and will continue to regard the employer as a partner in the

program. Career opportunities are integral to the program.

Graduate Program - Graduate Certificate

1. Complete the following admission requirements:

a. Education and Experience:

- i. A four-year ABET college degree in engineering and at least two years construction experience, or

ii. A four-year non-ABET degree in engineering, science or math field and

four years construction experience, or

iii. A four-year non-ABET degree in engineering, science or math field and

iv. At least ten years of management level construction experience

v.	CE 6XX, Scheduling for Construction Administration .....	1
vi.	CE 6XX, Network Scheduling Basics .....	1
vii.	CE 6XX, Project Network Scheduling Applications .....	1

viii.	CE 6XX, Construction Claims: Prevention, Analysis, and Dispute	
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	Resolution .....	1
ix.	CE 6XX, Project Management Organization and Delivery	
	Systems .....	1
x.	CE 6XX, Contract Management for Alternative Project Delivery	

**RESOURCE COMMITMENT TO THE  
PROPOSED DEGREE PROGRAM**

This program is self-sustaining beyond the one half faculty position

Equipment if needed, it would be in the budget for a particular course and the

sponsor would need to pay for it. Many of the courses will be taught by adjuncts, and these

**University of Alaska Board of Regents**  
**Program Approval Summary Form**



MAU: UAF  
Title: Graduate Certificate in Construction Management  
Target admission date: Fall 2009

Technology  
& Facilities

Faculty &  
Staff

*How does the program relate to the Education mission of the University of Alaska and the MAU?*

This proposed program is a 15 credit graduate certificate in construction management that will provide advanced training for graduate engineers and other professionals in the Alaskan construction workforce. The program was developed in close coordination with Alaska construction industry employers and envisions continuing that relationship with employers sponsoring courses, providing classroom space, and participating in an industry advisory committee.

*\*Who promoted the development of the program?*

The program developed from the convergence of three trends: 1. UAF engineering's goal of increasing graduate-level courses for working engineers; 2. the nationwide trend of graduate engineering programs to "package" their graduate offerings for particular industries; and 3. the Alaska Department of Transportation's (DOT) need to provide advanced training for its engineers and other professionals who are making decisions that affect the physical and economic wellbeing of Alaskans. In spring 2008, with the support of a Workforce Development Grant, UAF Civil and Environmental Engineering (CEE) led the

