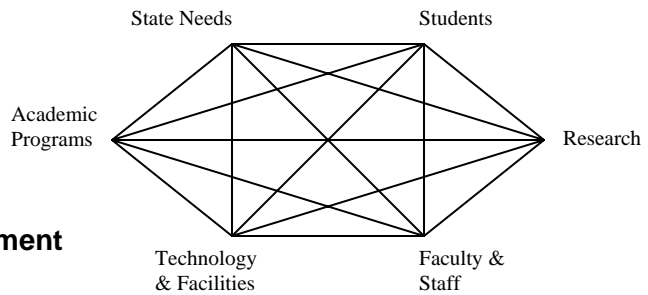


**University of Alaska Board of Regents
Program Approval Summary Form**

**University of Alaska Fairbanks
Tanana Valley Campus (TVC)
College of Rural and Community Development**

Target Admission date: Fall semester 2006



Associate of Applied Science in Construction Management

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

UAF's Tanana Valley Campus proposes to offer the Associate of Applied Science degree program in Construction Management (AAS-CM) already approved by the Regents for delivery at UAA. TVC's proposal is to adopt program requirements and curriculum identical to those offered at UAA and to make them available to UAF students.

By training Alaskan construction managers, this program meets high-demand job needs and provides a path into the challenging and rewarding careers available in industry. The proposed program is aligned with the University of Alaska mission to meet state and local needs and to provide opportunities to all who can benefit from educational programs of high quality.

Specifically, the program addresses UA Strategic Plan 2009's goal of responding flexibly to state needs in the areas of workforce development (UA Strategic Plan 2009, Goal 5). The program fulfills the Regents' commitment to the university's community college mission, developing new and relevant programs, and increasing collaboration across campuses (*ibid*, goal 2).

The AAS-CM program is designed to provide students with the interdisciplinary skill set needed to succeed in construction management. The program has been designed in accordance with the accreditation Standards and Criteria for Associate Degree Programs (Form 103A) published by the American Council for Construction Education (ACCE). This program was created with high academic standards while providing a broad foundation of technical knowledge.

TVC's expansion of the AAS-CM to UAF is being done in active collaboration and partnership with industry and construction professionals in the Fairbanks and Interior Alaska areas, with deans and faculty in UAF's College of Engineering and Mines and School of Management, and with UAA Construction Management faculty.

What State Needs are met by this program?

Construction contributes about 7.5% of the approximate \$25 billion annual gross state product. According to *Alaska Economic Trends*, May 2005, "Over the last five years construction jobs have grown at the remarkable average rate of 5.5% annually. The *Fairbanks Daily News-Miner* quotes the Executive Director of the Associated General Contractors reporting a 6% shortfall in the construction industry, which is expected to compound every year for the coming decade. The industry will need 1,000 new workers per year, the majority of them for construction in oil and gas and mining.

The BOR approved UAA's offering of the AAS-CM in 2004. Planning for UAA's initial offering of the degree involved interested groups from within the University and extensive involvement of business and industry. These discussions culminated in a thorough Design a Curriculum (DACUM) exercise in February of 2003.

In considering this proposal for the Fairbanks area, TVC held a meeting on October 18, 2006 with construction industry leaders as well as UAF faculty from SOM and SOE. All reviewed the rationale for the proposed degree, the curriculum, and the plan for seeking approval. All voiced strong support for TVC's proposal (see proposal package for letters).

What are the Student opportunities and outcomes? Enrollment Projections?

Bringing the approved AAS-CM to TVC/UAF opens up new opportunities for students in Fairbanks and Interior Alaska to advance their skills in construction management. Anticipated enrollment in the TVC/UAF program is 15 students for the first year. After the first year enrollment and advising data will be analyzed and decisions will be made whether to limit enrollment and/or add sections as necessary.

Describe Research opportunities.

This program is primarily focused on building a skilled workforce in Construction Management through lecture and hands-on instruction. Research is not a major element although we anticipate possibilities for future research collaboration with development of the Cold Climate Housing Research Center and its activities.

Describe Fiscal Plan for development and implementation.

TVC expects the total cost of the AAS-CM in Year One to be \$225,000. This includes personnel (1 FTE faculty, .25 FTE administrative staff, adjunct faculty) and a CADD facility with 20 stations. The program will be housed in the TVC Downtown Center/Chena Building. In subsequent years annual program costs are expected to be approximately \$175,000. Funding at the level shown is anticipated from UA Statewide workforce development sources and from industry and labor support.

The regular faculty member/coordinator will have primary responsibility for instruction, program coordination, advising, and hiring of adjuncts. A drafting faculty member, now being hired through separate funding, will be offering CADD courses of relevance to AAS-CM students. Funding will also be provided to hire 2-3 adjunct faculty each semester who will supplement faculty resources.

Importantly, TVC's CM program will have an advisory committee led by industry to guide its development and strategic direction. Like other TVC programs, this committee will have between 7-9 members and will meet at least quarterly.

For more information:

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