MEMORANDUM

DATE: May 11, 2015

TO: Samuel Gingerich, Provost
    Office of Academic Affairs

FROM: Bonnie Nygard, Interim Dean
    Community & Technical College

ECC: Susan Kalina, Vice Provost for Undergraduate Academic Affairs
     Office of Academic Affairs

    Cathy LeCompte, Associate Dean of Career & Technical Education
    Community & Technical College (CTC)

RE: CTC Prioritization Recommendations – 4th and 5th Quintiles

Below is a summary of my recommendations for CTC programs ranked in the 4th and 5th quintiles by the UAA Prioritization Task Force for Academic Programs. Attached is a table that provides more detailed information regarding the following recommendations.

Suspension of Admissions/ Deletion

I concur with the decision by the Departments to delete the following programs:

- Aviation Technology – BS in Air Traffic Control
- Health, Physical Education, and Recreation (HPER) – Minor in Physical Education
- HPER – Minor in Health and Fitness Leadership
- HPER – Minor in Coaching
- HPER – OEC in Fitness Leadership
- Transportation & Power (T&P) – OEC in Auto Brakes, Suspension, Alignment
- T&P – OEC in Auto Electrical
- T&P – OEC in Auto Engine Performance
- T&P – OEC in Auto Power Trains
Admission in the following programs has already been suspended (prior to the prioritization process) and these programs are in the process of teaching out final students.

- Career and Technical Ed – MS in Career and Technical Education
- Computer, Networking, and Office Technologies (CNOT) – AAS in Computer Information and Office Systems
- CNOT – Certificate in Computing and Networking Tech
- CNOT – OEC in Corporate Specified Skills
- CNOT – OEC in Office Foundations
- CNOT – OEC in Office Support
- Construction and Design Technologies (CDT) – OEC in CADD for Building Construction

Still Under Consideration
There are still questions about the best course of action for the following programs. The departments will provide specific recommendations (deletion or transformation) by the end of the fall 2015 semester.

- *Health, Physical Education, and Recreation – Minor in Outdoor Leadership*
  The program proposes time to further examine the minor and transformation possibilities, including recreation leadership, therapeutic recreation, or transitioning completely to a non-credit model that can include leadership/outdoor instruction for Alaskan community members and corporations for leadership/team building activities.

- *Transportation and Power – AAS in Heavy Duty Transportation and Equipment*
  Per industry recommendations, this program is transforming its Certificate in Heavy Duty Transportation and Equipment. These curriculum revisions into an accelerated delivery schedule will impact the AAS degree. We request more time to plot out curricular revisions for the Certificate prior to making a final decision regarding the AAS degree. It is important to note that advisory board members are in favor of retaining both the Certificate and the AAS degree.

Transformation
I concur with plans for transformation of the following CTC programs:

- *Aviation Technology – Minor*
  The program will target recruiting. Specific targets we’ve identified thus far include: Justice (minor required 4 of last 11 Aviation Minors came from this group). Engineering - target students who want hands on with machinery / techniques actually used to repair aircraft to complement their design and theory knowledge. Business - aviation is by nature an international business. Aviation specific management/operations courses should be of interest. Secondary education - more and more schools across the state and nation are building aviation centric programs to motivate students in areas of science and math. Biological sciences - many field jobs in Alaska specify / prefer biologists with piloting credentials. Additionally, following prioritization decisions across the MAU, we will inventory all programs requiring minors and determine whether an aviation minor would be a good choice. A slow upward trend in students choosing this minor is anticipated and will be tracked. The Aviation Minor is very flexible and
offers the student the opportunity to focus on the aviation topics that most interest them. Although, the catalog recommends courses principally from the Aviation Maintenance and Management disciplines, it clearly states that students may request aviation courses not on the list.

• *Aviation Technology – AAS in Professional Piloting*
  The AAS Professional Piloting curriculum will be 100% aligned with BSAT Professional Piloting by dropping two current courses and adding two others required for the BSAT. ATP A231 Search, Survival and Rescue and CIS A110 Computer Concepts in Business will be dropped and replaced with ATA 331 Human Factors in Aviation and an option for either ATA 335 Airport Operations or ATP 305 Airplane Multiengine Land Rating – all of the added courses are required for the BSAT, Professional Piloting. Faculty will counsel all new flight students (AAS and BSAT) within the first six weeks of their first semester. The purpose of the counseling is to assure AAS students that the transition to the BSAT will be seamless and all AAS courses serve to fulfill BSAT requirements. The second purpose will be to encourage all BSAT, Professional Piloting emphasis students to apply for the award of the AAS Professional Piloting degree as soon as they have completed the degree requirements enroute to their BSAT. This is wise as it provides a hedge against any future interruption of their education.

We will "market" our current BSAT, Professional Piloting emphasis students by encouraging them to apply for and take the AAS Professional Piloting degree. A number of them have satisfied AAS degree requirements but haven't thought about applying for the degree. In some cases, this may be because they are missing one or two courses currently required for the AAS but not the BSAT. They will be advised that some of their upper division courses are suitable substitutes for the missing AAS courses.

• *Career and Technical Education – BS in Technology*
  Per two levels of provost-approved program review in the past two years, curriculum revisions are underway to transform this program into the only statewide degree completion program for individuals in technical fields. Transformation will include a change of degree name, updated curriculum, shift of program to increased online delivery, marketing, transition of student advising to faculty, and an increase in course sections in response to increased demand. Curriculum revisions will be completed by fall 2015; curriculum review/approval will take place in Fall 2015, marketing and intensive advising will be initiated by the end of Fall 2015. Admit students to transformed degree by fall 2016.

• *College Preparatory and Developmental Studies – Preparatory College Mathematics*
  The faculty will facilitate a transformation through innovative practices, including the creation of a Math Emporium, increasing collaboration with the CAS Mathematical Sciences Department, developing non-credit accelerated preparatory math offerings, partnering with the CERC to offer Math Emporium sections in their Weekend College, and continuing to offer traditional for-credit developmental math. Anticipate higher pass rates, more students will persist from one semester to the next, be retained through their sequence and on to their GER, and higher levels of success in their college-level math courses.
The faculty will facilitate a transformation through innovative practices, including effectively integrate reading comprehension instruction into other areas, such as preparatory composition courses (PRPE-108). Align reading faculty expertise with the new UAA Academic Coaching Center (LRC) – Reading across disciplines. Reduced faculty by one position, so there is currently one FTE reading faculty at UAA – offer less for-credit sections of Reading.

Construction and Design Technologies – Certificates in Civil Drafting, Mechanical/Electrical Drafting, and Structural Drafting
All CDT certificates were revised, per industry recommendations, to reflect new focus in construction design technologies (building information modeling) versus drafting. Increased student enrollments are anticipated due to the relevancy of this skillset in the design industry.

Construction and Design Technology – AAS in Construction Management
Based on faculty and advisory board recommendations, the AAS will be transformed to serve as a pre-major for students seeking the BS in Construction Management. All students earning the BS in CM take all courses required for the AAS. The AAS will remain for those students seeking employment after completing the associate’s degree. Students seeking the BS will have to first be admitted to this degree and demonstrate success in the core courses prior to being admitted to the BS. Program anticipates an increase in students successfully being retained and completing the BS in CM, increased scores on the national certification, and higher numbers of students being admitted to the AAS.

Culinary Arts, Hospitality and Restaurant Management – BA in Hospitality Restaurant Management
Program shows great promise for growth and has strong industry support. When resources become available, the program should transform into a format that allows students to remain in Alaska to complete entire degree.

Health, Physical Education and Recreation – Minor in Athletic Training
Transforming minor to be more in line with rehabilitation sciences, designed to provide students a focused scientific and specialized course of study for entry into graduate physical therapy programs. Anticipate increase in enrollments by spring 2016.

Transportation and Power - Certificate in Heavy Duty Transportation and Equipment
Transform Heavy Duty and General Automotive Certificates per NATEF accreditation standards and offer students an accelerated path to completion (one year certification). Curriculum revisions can take place in the fall 2015 and students will be admitted to newly designed programs in fall 2016. Increase focused recruiting/marketing. UAF Automotive Technology program is currently on the delete list.