

ANCHORAGE SCHOOL DISTRICT
ANCHORAGE, ALASKA

ASD MEMORANDUM #18 (2002-2003)

August 12, 2002

TO : SCHOOL BOARD

FROM: OFFICE OF THE SUPERINTENDENT

SUBJECT: ALTERNATIVE ACADEMIC SCIENCE CREDIT FOR
KCC COURSES

RECOMMENDATION:

It is the Administration's recommendation that the School Board approve partial high school science credit for Aviation Technology and Horticulture and Landscape Design, both taught at King Career Center.

PERTINENT FACTS:

High school students have a challenge to complete all their required courses and still take advantage of the valuable programs offered at King Career Center. While each KCC course is worth 1.5 credits, a portion of that credit can be applied toward specific graduation requirements in courses that have been thoroughly reviewed by teachers, curriculum committees and administrators. As new programs are brought on line at KCC, this review process continues.

For Aviation Technology and Horticulture and Landscape Design, recommendations to approve alternative academic credit in science came from the Science Curriculum Committee; Curriculum Assistant Principals; High School Principals; Dale Cope, Executive Director, Curriculum and Evaluation; and Mike Henry, Executive Director of High School Education. These courses are part of the regular curriculum at King Career Center.

ALTERNATIVE SCIENCE CREDIT

Aviation Technology: KCC, partial science credit equivalent to .5 credit per semester for a maximum of one science credit.

Description: This course introduces students to numerous careers available in the air transportation industry. This is a "hands-on" course covering the

basic elements of aviation administration and airport management, professional piloting and air traffic control.

The course covers many of the Alaska State Science Standards; in particular, A – 6, which states: “A student should understand that forces of nature cause different types of motion and describe the relationship between these forces and motion.”

Horticulture and Landscape Design: KCC, partial science credit equivalent to .5 credit for one semester for a maximum of one science credit.

Description: This course includes instruction to prepare the student for a career in the horticulture industry at an entry-level position and post-secondary education. The course combines classroom learning and hands-on activities that cover horticulture, landscape design, and turf management. Students enrolled are responsible for maintaining, operating and marketing a commercial greenhouse located on the King Career Center campus. This course provides a basic overview of the horticulture field that will allow the student to choose an area of interest. Students are taught information necessary to continue their interest at a post-secondary level and the skills necessary to enter various occupations in related industry and government agencies.

The course covers many of the Alaska State Science Standards; in particular, A – 14(A) states: “A student should understand the interdependence between living things and their environment.”

CC/JC/DC/TR

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