

Kuskokwim Campus STEM Summer Bridging Program Application

Name: _____
Permanent Home Address: _____

Address _____ City _____ State _____ Zip _____
B-Day: _____ Permanent Home Phone# : (_____) _____ Sex Male () Female ()
School E-mail: _____ Home E-mail: _____
School Name: _____ School Phone: _____
Mother: _____ Employer _____
Work Phone: _____ E-Mail _____
Father: _____ Employer _____
Work Phone: _____ E-Mail _____

Are you interested in studying engineering, science, technology, or math? If so which one? _____
Does either parent/guardian have a 4 yr. degree? Yes ___ No___

This information is required by the Federal Government and will be kept confidential.

Total Number of Dependents (Please Include Parents and Student): _____

Please check the annual net income range appropriate for your family. (Line 39 of Form E1040)

___ less than \$16,815 ___ \$16,816-\$22,710 ___ \$22,711-\$28,605
___ \$33,501-\$39,720 ___ \$39,721-\$46,290 ___ \$46,291-\$52,185
___ \$52,186-\$58,080 ___ \$58,081-\$63,975 ___ \$63,976-\$69,870 ___ >\$69,871

Non-Taxable Income: If you (parent/guardian) received nontaxable income for the previous year, please check the source(s) below:

___ Unemployment Benefits ___ AFDC ___ VA Benefits ___ Retirement Benefits ___ Food Stamps
___ Disability Benefits ___ Social Security Benefits ___ Other Sources (Specify) _____

Circle an answer for each category

Have you taken: Trigonometry Yes No -Chemistry Yes No -Physics Yes No -Year of Graduation _____

Where do you plan on attending college (name/state)? _____

Have you attended KuC's Talent Search or Summer Science Camps? Which One: _____

Ethnicity

___ Alaskan Native ___ Native American (Not AK) Other (Specify) _____
___ Asian or Pacific Islands ___ African American/Non-Hispanic
___ Hispanic ___ Caucasian

Include this application with the following items (Check - Official copies of your current high school transcripts - Official copies of SAT/ACT Scores (Graduates) - Three (3) reference letters from **Teachers** - fill out the Student Assessment Form (form included). Student Assessment Forms may be either mailed with the application or sent separately. - An essay of no more than 500 words explaining why you should be selected as an STEM Summer Career Bridging Program student. - On a separate sheet with a list of **four (4) goals** on what you want to get out of your summer Internship. **Please be specific to your interests so we can better match you with a company.**

Send your completed application to:

Bob Brown, Assistant Professor of Mathematics
Kuskokwim Campus
PO Box 368
Bethel, Alaska 99559



Kuskokwim Campus
UAF - College of Rural and Community Development



Kuskokwim Campus Summer Career Bridging Program



For Y-K Delta High School Seniors & Graduates of 2007 Jump-Start your College Career in a STEM Field

Science, Technology,
Engineering & Math
June 9-July 27, 2007

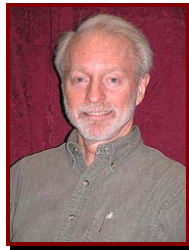
Get your foot in the door to

ANSEP

Alaska Native Science &
Engineering Program

Seniors and Graduates of 2007 Jump-Start your College Career in a STEM Field (Science, Technology, Engineering, & Math)

The NSF TCUP KuC Summer Bridging Program runs for 6 weeks each summer and is based on the highly successful ANSEP Alaska Native Science and Engineering Program model. A typical weekday for a Bridging student begins with an 8 am Calculus prep class at the KuC Campus. The class runs until 10am and the students then report for their intern jobs.



Each job teams a student with an engineer or scientist at a local Bethel organization. We ask the companies to give the students jobs that they think the students can't do. The sponsoring company challenges the students with projects that will take six weeks to complete. Lunch is at noon and they are back at work at 1pm.



At 5pm the students travel back to the University residence hall where they eat and then work collaboratively on Calculus prep with peer mentors from the Pacific Alliance University Retention Program until bedtime.



Weekends are dedicated to cohort building and students enjoy a joint outing; fishing, plane ride, hovercraft excursion, etc. The pace of the summer is tough, but students enjoy it and rise to the challenge year after year. Students are awarded 4 college credits upon completion of the Mathematics course.



Why Should I Apply?

KuC Summer Bridge students earn the money they need for college, boost their math skills, meet mentors, gain a vision of a career in the sciences or engineering, understand the importance of a supportive community/study group, learn to navigate at the university, and link up with firms that will provide internships through graduation and beyond.

ANSEP KuC Summer Bridge includes:

- Six-week summer paid internships for seniors and entering freshmen.
- Tuition, books, and graphing calculator are provided free of charge.
- Ten days of the summer will be spent at a camp near Platinum. Spend the mornings on math and the afternoons recreating! **All** travel expenses are paid for.
- A daily schedule of a two-hour pre-calculus class (MATH 107X) in the morning and two hours of collaborative study at night.
- Six hours per day working as interns with one of our industrial partners. Students get to work with the engineers and scientists doing something they are interested in.
- Housing on the KuC University campus in Bethel.
- Field trips to places like Donlin Creek, USFWS Camps, and industry job-sites to help students better understand industry.
- Planned group activities like kayaking, movies, river trips or other things the students want to do on Friday evening and Saturday.

Some partners offer generous scholarships that the students can use at any university.

