



Hello councilors, principals, and teachers! We are sending you information about the many different opportunities we have for students at the Alaskan Native Science & Engineering Program (ANSEP). We have 4 different components available for junior and high school students. These different components are listed below.

1. Middle School Academy
2. Computer Assembly
3. Acceleration Academy
4. Summer Bridge

The Middle School Academy is available for current 5th, 6th and 7th graders or students who will be in middle school next year. We host a 12 day hands on science camp on the University of Alaska Anchorage campus for students who are on track to complete Algebra 1 by the time they finish 8th grade. Students live on campus and build computers to start off the camp. We are also only looking for students who have a 'B' average in their science courses. Students can find the applications for middle school on our website. The camp starts July 17th for this coming summer.

The Computer Assembly component is available for current 9th – 12th grade students. We build computers with students who are on track to finish a year each of Chemistry, Physics, & Trigonometry by the time they graduate high school. The students get to keep the computer they build if they complete the three classes with a "C" or better grade. We selected these three classes because they are prerequisites for required classes for freshmen at the college level in a Bachelors of Science degree. Our goal is to build 200 computers in Alaska a year.

The Acceleration Academy is a 6 week summer program that is hosted here at the University of Alaska Anchorage Campus. Students live in the dorms, take 2 college classes taught by college professors and receive college credit. The students will take one math class and one science class. The classes we offer are College Algebra, Trigonometry, Calculus I, Chemistry, Physics*, Geology, Intro to Engineering, & Intro to Biology. *Students who take physics can only participate in this 1 course due to the amount of time needed for this course. We also incorporate academic enrichment activities like building remote operated vehicle (ROV) submarines, model rockets, the planetarium, and many team building activities. The camp starts May 23rd for this coming summer and is available for current 10th – 12th grade students.

The Summer Bridge is a paid internship for students after they graduate high school. There are two different tracks for students, one for students interested in engineering, and one for students interested in the biological sciences. Some of the positions are located in the field. Both tracks of students spend the first week doing orientation. Students who work in Anchorage then start their 8 week internship with a college level math class in the morning while field students spend a week completing safety training, they then start their 4 week internship, and then they return to the campus and spend 4 weeks taking a math class. The Summer Bridge starts May 23rd for this coming summer.