

# Career & Technical Education News



 **CTE™** Learning that works for Alaska

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## UAF Health Distance Courses

Five students attended an orientation in Fairbanks for the UAF courses: Professionalism in the Healthcare Workplace, First Aid and CPR, and Introduction to Health Careers. For the First Aid and CPR course all five students obtained 0.25 high school credits and 1 UAF credit. Three of the students obtained their American Heart Association Heartsaver First Aide Certification. The students are completing the other courses via distance education. Successful completion of the courses will provide the students with 2 college credits and 0.5 high school credits for each of the following courses:

- Introduction to Health Careers
- Professionalism in the Healthcare Workplace



## First Aid & CPR



## CTE Advisory Committee

The Yukon-Koyukuk School District's Career and Technical Education Advisory Committee will meet on Monday, March 4<sup>th</sup>. CTE teachers, parents, students, administrators, business partners, and the university are planning on attending. The

committee will focus on future plans and goals for YKSD's Career & Technical Education Program. The committee will meet again in April. If you have questions, please contact: Patty Woody at [pwoody@yksd.com](mailto:pwoody@yksd.com).

## Personal Business Finance & Investing I

Three students in Ruby are enrolled in Personal Business Finance & Investing I/ Home Economics class. Students not only learn about finances, but they also learn how to serve the community. This is what students have to say about the course:

Jackie: "My favorite part is cutting up fruit and veggies for all the kids. Then after we are all done we clean up and then get our share of the snacks. My favorite fruits are strawberries." and blueberries.



Kasey: "My favorite part of Home Ec is cutting up the foods and serving them to the school. I like being able to help my classmates and teacher. I like passing them out to the younger kids. I like how our teacher teaches us how to do it first and then we give it a try; washing and cutting the fruits and so forth. I also like it because the fruits and vegetables are good and healthy for us. These are only a couple things I like about Home Ec."

Jaelynn: "I like making snacks for the younger kids and ourselves. Its really fun because it's better than math. I like serving the fruits and vegetables because its helping the younger students."

Ronnie: "My favorite part of class is when we cut up fruit and vegetables. Every Friday we get a "mystery box" with either fruit or vegetables in it." We all help and cut up



## Robotics Intensive Session

Two middle school students, Shaun Demoski from Nulato and Lorraine Solomon from Allakaket, participated in the Robotics Intensive Session held at the Fort Yukon Vocational Center.

The students spent a week in Fort Yukon learning to assemble robots and program robots. They even wrote computer programs to control the robots. Additionally they learned about careers relating to engineering and science. Each student created their own robots, which they brought home with them. Students worked in groups and individually to design and create their projects. The students were so excited they even worked on their projects at night in the dorms.

Things the students learned:

- How to assemble robots and screw the right things in
- How to make robots



## Culinary Arts I

Seven students at Andrew K. Demoski School in Nulato are enrolled in Culinary Arts I. The students are learning basic cooking and baking skills. The students are to cook, cut, and prepare food in a safe and “yummy” manner. As you can see they have prepared some great looking pepperoni pizzas!



## CTE Month

February was Career & Technical Education Month. Thanks to all the teachers and students who sent in entries. There were some great projects.

A couple of examples where:

- Students designed a book on “How to Become a Safety Engineer”
- Students created an art project showing the career they what to do.

CONGRATULATIONS to all the winners! Winners will be announced in the 4<sup>th</sup> quarter newsletter!

## Trapping

Johnny Oldman (Hughes) students have been getting out on the trap line. Not too far from school is heavily willowed with gguh yetl nodooya (rabbit and lynx) tracks. We have set many rabbit snares and baited trap sets as well as a few trail sets. We have studied fur handling, care of traps, ecosystem dynamics and the habits of furbearers as well as proper Koyukon handling of animals. So far we have had no luck with the school sets but some have been lucky on trap lines out of town. We keep a log of trapping activities, weather conditions, tracks seen (and their locations noted) as well as tracks near our sets. We have used snares provided by the Department of Fish and Game as well as traps of our own. We hope to continue into bikinaala (muskrat) and noya'a (beaver) season. Here are a couple of photos of sets that we made.

Basee'

Tommy Dahill



## Animal Husbandry for Vet Science

All Dogs Go to Heaven

Peggy Bruno

How is a dog sled race like a classroom? Students learn about relationships and teamwork by handling a team of dogs. Dog yards house the adventurous, dependable, fearless, independent, persistent, and charming. Also, the lazy, cowardly, quarrelsome, surely, and downright unfriendly. Somewhat like my English class. But the good musher must get the most out of them all, perhaps even sing a little song to keep spirits up along the trail.

So what is all the yipping, yapping, and yelping about in Huslia this winter? It is the wild symphonic sounds of four dog yards, canine athletes itching to run. They tug impatiently at harnesses, tethered to sleds where the combined community gathers, sit in their insulated snowsuits, brace against subzero temperatures and wind. The count down begins as handlers restrain the runners' premature starts. And then, they're off. What, a high school class? Yes, this is the focus of the second semester Veterinary Science Class.

How fortunate are we to be paled with George Attla, Kathy Turco, and their furry, four legged sprinters in this new program to reignite the love for racing in the youth of Huslia. Every Tuesday and Thursday, seventeen students don their winter gear and trudge to George Attla's, Floyd Vent's, Wes Henry's, or Wilson Sam's dog yard. Students have learned dog yard maintenance, nutrition, care, restraint, and racing equipment. More important, however, is how the students are becoming grounded in their cultural heritage and their community. They have assumed an important role in their life-long obligations as community members.

But what I have witnessed personally is pride, pure joy, great respect, and love for this sport and all that is involved. By the way, we had one student, Bruce Sam attend the Junior Quest. This week, February 25-28, Jazmyn Vent, Courtney Agnes, Thomas Henry, and Dustina Sam are representing Huslia and Jimmy Huntington School in the Junior American in Fairbanks. My wish is that this is only the beginning!



# Career & Technical Education Classes

## 2012-2013 2nd Semester

- ▶ Allakaket School
  - Fashion Design  
(4 High School Students; 4 Middle School Students)
  - Employability Skills/Drivers Education  
(11 High School Students)
  - Digital Photography  
(9 High School Students)
- ▶ Johnny Oldman School (Hughes)
  - Animal Husbandry for Vet Science  
(1 High School Student)
  - Trapping  
(4 High School Students; 3 Middle School Students)
- ▶ Manley Hot Springs Gladys Dart School
  - Digital Photography  
(2 High School Students; 1 Middle School Student)
- ▶ Merrelaine A. Kangas School (Ruby)
  - Personal Finance & Investing I  
(2 High School Student; 8 Middle School Students)
- ▶ Jimmy Huntington School (Huslia)
  - Animal Husbandry for Vet Science  
(16 High School Students)
  - Digital Photography  
(10 High School Students)
  - Drafting I  
(11 High School Students)
  - Keyboarding I & II  
(17 Middle School Students)
  - Video Productions  
(15 High School Students)
  - Employability Skills/ Drivers Education  
(8 High School Students)
- ▶ Andrew K. Demoski School (Nulato)
  - Culinary Arts I  
(7 High School Students)
  - Business Computer Applications  
(8 High School Students)



## CTE Distance Courses Career & Technical Education Classes

### 2012-2013 2nd Semester

- ▶ Introduction to Mining Occupations and Operations (Alaska Learning Network)  
(1 High School Student from Allakaket)
- ▶ Introduction to Health Careers (UAF-IAC)  
(2 High School Students, 1 from Kaltag, 1 from Delta Junction)
- ▶ First Aid and CPR (UAF-IAC)  
(5 High School Students – 3 from Nulato, 1 from Kaltag, 1 from Delta Junction)
- ▶ Professionalism in the Healthcare Workplace (UAF-IAC)  
(2 High School Students - 1 from Kaltag, 1 from Delta Junction)
- ▶ Welding I  
(3 High School Students, 2 from Huslia, 1 from Hughes)
- ▶ Welding II  
(3 High School Students, 2 from Huslia, 1 from Hughes)
- ▶ Computer Applications/MS Office  
(1 High School Student from Hughes)

### Intensive Sessions

- ▶ Robotics  
(2 Middle School Students, 1 from Nulato, 1 from Allakaket)

#### Benefits of Career & Technical Education

- Interests and motivates students in their coursework because of the connection to the real world.
- Provides rigorous academic standards
- Prepares students to enter the workforce as a skilled worker

### **Calendar of Events**

Advanced Camp Kick Ash  
March 20 – April 11, 2013

HSGQE Academy  
March 25-29, 2013

Tribal Management I  
April 11-16, 2013

'Crossing Our Bridges'  
Health Academy  
April 15 – 26, 2013

Alternative Energy Systems  
May 3-8, 2013

Fire Science Academy I  
May 3-5, 2013

## **Advanced Camp Kick Ash**

Three students will be attending Advanced Camp Kick Ash through a partnership with the Kuspuk School District. The students will be going to Aniak for three and one-half weeks and then onto Anchorage for a couple of days. The students will have the opportunity to become Emergency Medical Technicians (EMT). Advanced Camp Kick Ash is taking place March 20 – April 13, 2013.

### **'Crossing Our Bridges' Health Academy**

Ten to twelve students will have the opportunity to participate in the two week long Health Academy April 15-26<sup>th</sup> in Galena. Students will participate in the UAF course, Professionalism for the Healthcare Workplace and have the opportunity to obtain their Emergency Trauma Technician: First Responder certification. Applications are being sent out and students will be selected to attend by mid-March.



Yukon-Koyukuk School District  
Career & Technical Education Department  
4762 Old Airport Way  
Fairbanks, AK 99709

**Patty Woody**

Career & Technical Education Coordinator

907-374-9409

[pwoody@yksd.com](mailto:pwoody@yksd.com)

**Bob Hawkins**

Career & Technical Education Specialist

907-374-9496

[bhawkins@yksd.com](mailto:bhawkins@yksd.com)

If you have any questions about the Career & Technical Education program at YKSD, please feel free to contact Patty Woody or Bob Hawkins.



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