

BBRCTE Newsletter

Bristol Bay Regional Career and Technical Education



BBRCTE Students get creative!

Art and creativity were mixed into a very intense week of hands on coursework in Dillingham, King Salmon, and Naknek

During Bristol Bay's Regional Career and Technical Education week students participated in a wide variety of coursework. BBRCTE offered 6 different courses in November and every course was completely full, most with waitlists! Students travelled to Dillingham to gain their Emergency Trauma Technician Certificate with local instructors David Milligan and Clint Reigh. They also were introduced to Health Care Careers with medical professional Dianna Boyd. In Naknek students were immersed in art, creativity, and technology as they went through a grueling week of building a sharp looking marketing plan during their marketing and graphic design course with Rebecca Wilke, owner of Cuvee marketing and Rebecca Turning, owner of Turning Heads Graphic Design. Welding Instructor Extraordinaire Nick Pop ran through the basics of welding while several returning students dove into aluminum skiff building. Chef Kai, Chef at the Mission Lodge in Aleknagik, travelled to the Bear Trail Lodge in King Salmon and spent a week focused on Culinary Arts. Additionally students "built" up their construction skills via NCCER Carpentry Level I hosted by SAVEC.



**Emergency
Trauma
Technician**



Culinary Arts



**Graphic Design
and Marketing**

EMERGENCY TRAUMA TECHNICIAN

Local Dillingham instructors David Milligan and Clint Reigh worked with a group of students interested in gaining skills to help out with emergency medical situations. Students went through the process of receiving their ETT certification, a Basic Life Support Card, 3 college credits during a fast paced and hands on week.



WELDING I

Due to the high demand for students to learn about welding we offered a second introductory course.

The class started out learning about all of the required safety gear that is necessary for welding. They then focused on different techniques that are used for striking up an arc with SMAW welding. The students then built up their welding skills by completing six different assigned welding joints. After spending a couple of days completing different welding joints, they moved on to learning about how the AWS (American Welding Society) plate welding certification test is set up. The students

then prepared and set up the welding test.

Some of the students finished the test and learned how the visual examination is carried out. If the students pass the visual part of the exam, they then move onto preparing their plates for the bend test. In addition to learning about stick welding students also used a plasma torch, chop saw, right angle grinder, horizontal bandsaw, and a hydraulic press.

While most of the students were learning about stick welding steel, there were also two Naknek students working on an aluminum, all welded, 18' jet boat. These students are building this boat from scratch. The boat has a V up in the bow and is flat at the stern. It has a tunnel in the hull and is being built for an outboard jet.

MARKETING AND GRAPHIC DESIGN

The Village Based Entrepreneur course, focused on Marketing and Graphic Design, was taught by two self-owned business entrepreneurs. The course helped students understand the relationship between marketing and branding to build and grow a business to attract customers. First, the students chose a Cannery-style business or a Lodge to use as the basis for their activities and to apply in their coursework. The first half of each class went over the basics of marketing, including how to figure out your target audience, what outlets should you market on (digital, print, and/or social media), the costs involved in advertising, how to do a SWOT analysis for their new company, and how to determine SMART goals which in turn related to their advertising purposes.



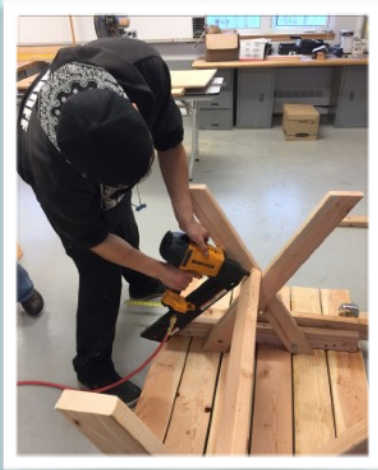
All of this closely ties into how you brand your company. Students then learned how to create the “mood” of their company which included their brand colors, fonts, logo and how to prepare files to go to print—all using Adobe software. They received the basics that any company should know when it comes to making your brand look good and ready for any reproduction on print or online medias; always keeping in mind their target audience which they previously identified. The class generally ended with a hands-on art project that incorporated the day’s design

lessons in a fun and relaxed environment, proving anyone can be creative in their own unique way!

The students learned even more on an exploration field trip to two local businesses. The business owners went over their tactics and strategies with the students, including the pros and cons of what they encountered when it came to both the marketing and design aspects of their business.

As a follow-up, the class was able to talk about the strengths, weaknesses, opportunities, and threats for each business. The final day the students were able to build a business plan for their company based on their cumulative learnings. They also proudly presented their mood boards, a sketch of their logo, and all of the creative pieces they worked on throughout the week to the class. Watch out for these future entrepreneurs because they already have a head start!

NCCER CONSTRUCTION

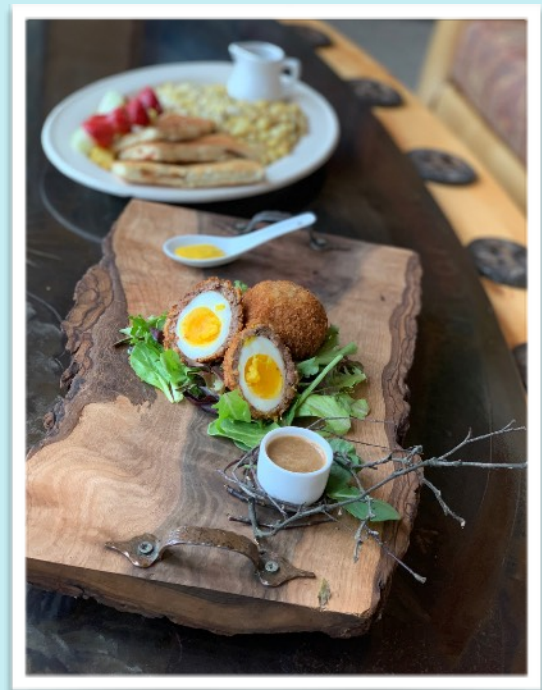


Southwest Alaska Vocational and Education Center provided an opportunity for several qualified high school students to join the adult education course focused on carpentry. During the week students followed coursework through the National Center for Construction Education and Research as they learned about building materials, fasteners and adhesives, hand and power tools, introduction to construction drawings, specifications and layout and floor systems. During the week students mixed classwork with hands on projects as they built a smokehouse, doghouse, and a picnic bench during the week.



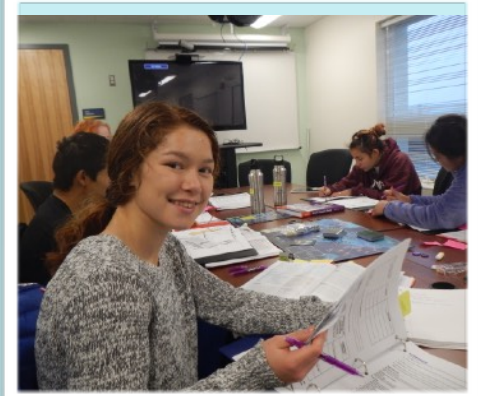
CULINARY ARTS

During the week Chef Ka'ainoa Ravey spent the week focusing on a broad overview of Culinary Arts. During the week students were able to create menus, learn about food safety, gain their commercial food handlers card, earn a college credit, and cook up some incredible dishes.



INTRO TO HEALTHCARE

Medical Professional Dianna Boyd lead a broad introduction to a variety of careers in healthcare. Students learned about career foundations, career pathways, ethics, and safety. The class introduced career opportunities that students can take advantage of locally and regionally including village health aide, dental hygienist, nurse, EMT or doctor. Through BBRCTE's partnership with AHEC, Students spent some classroom time and also some field trip time visiting BBAHC facilities in Dillingham while earning two college credits through the Bristol Bay Campus.



BODY BLAST CLASS WITH BRISTOL BAY FITNESS

Tana Grenda, owner of Bristol Bay Fitness in King Salmon, travelled to the gym in Naknek to teach the students about physical fitness and conditioning during the week. During the course students went through a fairly rigorous workout routine that incorporated a mix of strength training and aerobic fitness. As a sign of success, many students were groaning and moaning about multiple different sore muscle groups that were discovered the next morning. Thanks Tana for wearing out our students and teaching them some healthy life skills!

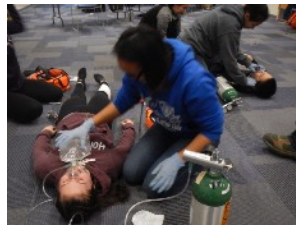


INSTRUCTORS SELECT CLASS MVP

Each CTE week there are several students who stand out either with natural talent, exceptional attitudes, or steadfast grit and determination to learn. Below are the class MVP selections:

ETT- Jessie Jones- Togiak

“Jessie Jones stands out as she was always early to class and ready to learn, participated in the skills and helped the other students as



needed, asked relevant questions, and always offered to help out when needed!” (David S Milligan-ETT instructor)

Welding- Wyatt Duerkson- Port Alsworth

“Wyatt Duerkson has been in my CTE welding class for two weeks. Wyatt is a really hard worker. Due to his hard work ethic, he is the farthest along with the welding certification test. He has already passed the test in the flat and horizontal position and now working on passing it in the vertical position. Wyatt has also put in extra time in addition to the CTE weeks. During the second CTE week, he also volunteered to work with me on a boat building project that I am working on at home. He is a quick learner, motivated, and a natural in a shop environment. He hopes to pursue a career in welding. With his hard work ethic, drive, and newly learned welding skills, I believe he will make an outstanding addition to the trade of welding.” (Nick Popp-Welding Instructor)



Graphic Design- Katie Mcgee- Port Alsworth

“Katie’s enthusiasm for the class was constantly shown by her attentiveness during lectures and excitement and participation in all hands-on design lessons. With a natural design instinct for color, composition, and beautifully hand-drawn typography, Katie shows great potential in any kind of avenues she chooses to pursue in the future. Katie was a joy to teach and mentor.” (Heather Turning-Owner of Turning Heads Designs)



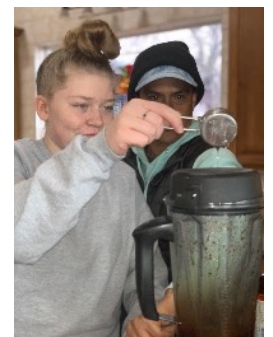
Marketing- Simeon Zackar- Igiugig



“Sim was a standout student and should be recognized for his quick ability to pick up on the marketing concepts taught in our class. His marketing plan for his coursework was well thought out, direct, and included all the tasks and exercises we learned throughout the week.” (Rebecca Wilkie, owner of Cuvee marketing)

Culinary Arts- Carly Eldridge- Naknek

“Carly was amazing! She was always eager to learn more, never afraid to volunteer to go first, and always jumping in to help! She will be great at anything she decides to do, and I hope



that she decides to become a Chef!” (Ka’ainoa Ravey- Mission Lodge Chef)



SAVE THE DATES

Phase III will take place from March 22nd-28th.

Phase IV will occur from April 20-24

Coursework for these two phases will include:

NCCER Core Construction- This course will be held in Valdez at Prince William Sound College. Students will take part in building a shed while receiving college credit and work towards their NCCER CORE certification. This course will be open to 20 participants and will be the first part in a series of courses including Residential Electrical, Residential Plumbing, and Carpentry.

BBNC Business week- Students will spend a week in the Bear Trail Lodge learning about Small Business and Entrepreneurship while going through a process of creating a small business proposal in teams of 6 students and 1 adult.

Professionalism in Healthcare- Students will be traveling to Anchorage where they will get to see a variety of career options in the healthcare field and hear a variety of perspectives on professionalism.

Wildland Firefighting- Students will participate in a strenuous week long course that will entail hands on stations geared towards preparing students to receive an interagency Red Card allowing them to work on a wildland firefighting crew. Students will need to be 18 to eligible to receive their red card but can complete this coursework prior to turning 18

Intro to Commercial Drone Piloting- Students will go through a mix of building drone piloting skills, learning about building, maintaining, and fixing drones, while building up classroom proficiency to be able to attempt the commercial drone pilots

FAA Certification. A portion of this class will also be focused on how drone technology can be used to benefit rural communities, as well as how not to use drones both ethically and legally.

AVTEC Intro to Nautical Careers- Part one of a two part series of maritime coursework. This course introduces students to the exciting and lucrative maritime industry field. The course focuses on maritime career awareness, chart navigation, safety of life at sea, time/speed/distance problems, nautical courtesy, basic rules of the road, knot tying, and the marlinspike. The second week will take place in Seward at AVTEC's Facility where the students will work towards USCG Merchant Mariners Credentials. Students must be 16 or older.

Drivers Education/Drivers licensing

Culinary Arts II- Practicum where students will get to see what it is like to work in a bustling lodge environment. During this course students will continue to build their skills in culinary arts with Chef Kai, and also receive a Barista certification through Anchorage Based Kaladi Brothers Coffee.

Welding II- Students will continue building skills with welding steel as they work towards AWS certifications.

ETT - This course will build skills for students to handle emergency medical situations and will be a pre-requisite for EMT I.

Home Energy Basics- This is the first of a series of 5 courses that are aimed towards occupational endorsement from UAF's Bristol Bay Campus focused on building skills and knowledge related to sustainable energy.

