



CAREER and TECHNICAL EDUCATION UPDATE December 1, 2017

Fall 2017 CTE Data Collection CONTINUES

The Fall 2017 CTE Data Collection begins on October 1 and ends December 31, 2017. The Fall CTE Data Collection is a follow up to last year's Spring CTE Data Collection. Students identified as CTE Concentrators last year (2016-2017) and graduated in the spring of 2017 should be contacted between October 1 and December 31 and asked their current post-graduation status. After contact, the appropriate post-graduation status code must be entered into the AIM/Infinite Campus data system for each CTE Concentrator. All high schools that received funding from the Carl D. Perkins federal grant program in 2016-2017 are required to complete this fall follow up collection to maintain their eligibility to receive Perkins funding.

Instructions for completing the Fall CTE Data Collection--called the '*Quick Reference Guide*' for the Fall CTE Data Collection--are located in two places on the OPI website: on the AIM web page under the AIM User Guides button and also on the CTE web page under the '**Data Collections**' button.

Technical AIM questions regarding the Fall CTE Data Collection should be directed to the AIM Helpdesk at 1.877.424.6881 (toll-free) or email opiainhelp@mt.gov. Questions regarding the Carl D. Perkins federal grant program data requirements should be directed to Christy Hendricks, CTE/Perkins Data Control Specialist at 406.444.9019 or email chendricks@mt.gov.

CTE Month Public Service Announcement Contest - Pilot Rules and Guidelines

What is the goal?

To promote career and technical education by creating a video public service announcement (PSA) incorporating the CTE Month logo and 2018 tagline, "Celebrate Today, Own Tomorrow!"



Who can enter?

The contest is open to secondary and postsecondary CTE students in film and video production classes or in other CTE courses. Students may enter as individuals or as a group.

What do I win?

Montana ACTE will announce the winning PSA by **February 1, 2018**, and will notify the winners individually. The school CTSO that the winning student or team attends will receive \$500. The school that the second-place student or team attends will receive \$250. First- and second-place videos will be publicized on the Internet through Montana ACTE social media channels and shared with Montana ACTE's members to use during CTE Month in their schools and local areas. Winning PSA will be recognized at state CTSO events. **Note:** Winning entries must meet a score of a minimum of 70 to be considered.

What's required?

- Video entries must be 29 seconds in length.
- Entries must incorporate the CTE Month 2018 [logo](#) and 2018 tagline into the PSA video. [Email us](#) if you would like to request a different image format.
- Entries must incorporate the following message, presented as text on-screen and/or spoken by talent: "Learn more about career and technical education at www.ctemonth.org", and must display the CTE Month web address on screen: www.ctemonth.org.
- Successful entries will NOT say "learn more about Montana ACTE or ACTE" or reference the Association for Career and Technical Education by name in the PSA. The videos are not intended to be an advertisement for ACTE, but a PSA for career and technical education.
- Successful entries will use no other logos or web addresses in PSAs.
- Entries that contain music, images, or other copyrighted media must be accompanied by proof that the creators of the entry have the expressed permission of the original copyright holder.
- Submissions must adhere to the technical specifications listed below.

Submitting your PSA entry:

- PSA submissions must be completed by **January 19th, 2018 at 5 p.m. EST.**
- Sound cannot be over 0 dBFS.
- Videos must be submitted in .mp4 or .mov format.
- Videos must be in 16:9 aspect ratio.
- PSAs can be submitted in standard or high definition.
- In addition to the 29 seconds of video content, please include at the beginning of the video 5 seconds of black, followed by 5 seconds of bars and tones, and then a slate with the title, the name of your school and the year, **2018** (names of video creators and participants optional.) The slate should be on the screen long enough for it to be read comfortably by viewers.



- PSA are to be submitted via [Dropbox](#). Participants should create a Dropbox account free of charge, upload their submission, and email the link to mbranger@huntley.k12.mt.us.
- Participants must submit a [talent release form](#) from each participant whose image and/or voice is used in the PSA. Students under 18 must have a parent's or guardian's signature on the form.
- To finalize a submission, email the video link and talent release forms to mbranger@huntley.k12.mt.us. A phone number and mailing address for at least one contact must also be provided. This contact can be the educator responsible for the students who submitted the video and the mailing address can be the school's.

Who will be judging my PSA?

PSAs will be judged by the Membership/Public Relations Committee of Montana ACTE, who will evaluate submissions according to an impartial rubric. The three highest scoring entries will be shown to Montana ACTE's Executive Board of Directors prior to 2018 Montana ACTE Fall Institute, and winners will be notified before the conference. All entrants are encouraged to share their PSA with their community, school and friends.

What's the fine print?

Montana ACTE retains the copyright on any submitted material and reserves the right to use the material in any way or format it sees fit. Montana ACTE is not responsible for lost, damaged, incorrectly encoded, incorrectly uploaded, mislabeled or misdirected entries. Entries will not be returned and will become the property of Montana ACTE. Entries cannot be used for any commercial activity.

Additionally, your use of the CTE Month 2018 logo and tagline for this PSA does not authorize you to use it for any other purpose. If you would like to use the logo and tagline for anything else, please read our [Logo Use and Restriction Agreement](#) and follow all regulations therein. If you would like to use the logo for a purpose *not* covered in that agreement, [email us](#) for permission.

Do you have any tips for my PSA?

The first step for making a great PSA is to learn about career and technical education (see the next section)! In addition, the winning videos for the CTE Month 2018 Video PSA Contest should strive to:

- Engage and inform about CTE in Montana.
- Show that CTE leads to a successful career for Montana students.
- Show the role of CTE in a strong national and state economy.
- Depict a variety of CTE fields in Montana.
- Depict the diversity of students involved in CTE in Montana.
- Show CTE as relevant to the general public
- Incorporate the CTE Month 2018 logo and tagline, the CTE Month web site address and the message about CTE Month as defined above (see the "What's required?" section above).
- Be technically well-made and suitable for broadcast on the internet.



How can I learn more about CTE?

Learn what CTE is and what kinds of courses it encompasses with ACTE's "[What is CTE?](#)" page and our [Fact Sheets](#):

- Learn about the effectiveness of CTE in preparing students for further education and careers.
- Learn how investment in CTE yields positive results for communities in Montana and around the country.
- Think about the role of CTE in the state economy: CTE students grow up to become highly skilled technicians, medical professionals, IT specialists, businesspeople, engineers and more. The career fields that CTE students prepare for are the career fields that keep our state and nation growing.

Can educators help with their students' projects?

Educators may advise students, but should not take a significant role in creating the PSAs. For more information or questions about submissions, please contact Mark Branger at mbranger@huntley.k12.mt.us or call 967-2540 x360.

Agriculture, Food and Natural Resources

December CTE Update

I hope that you all took some time to recharge your batteries and spend time with loved ones over the Thanksgiving break. As the end of the year quickly approaches I know your days will be filled with activities in and out of the classroom that will keep you busy. I myself am looking forward to traveling back to West Virginia to spend some time with friends and family, catching up with everyone and seeing how much more all the little ones have grown. While it is always important to remember the past and honor tradition, it is just as important that we embrace growth and change. As our Ag Ed family looks down the road, there are many opportunities for growth and change on the horizon. The details are still in the planning stages, but I am excited for our future.

Agricultural Education in Montana is making great strides, as we position our teachers to be able to offer better aligned curriculum with the new Montana Career Pathways, seeking relevant Professional Development, and finding ways to better market our programs and students to meet Montana's work force needs. We hope to foster better partnerships with many of our agricultural and career and technical colleagues, forging more collaborative professional development, unique certification opportunities and overall a unified work force.

While I do not have lots of details to share yet, but a few of the projects in the works for Montana Agricultural Education include supporting teachers to get CASE trained, looking for support to host a CASE training for Montana in 2019, working with MSU to



offer courses for our Class 4 teachers, working with the Department of Livestock and Department of Agriculture to create Montana Agriculture Credentials for our program completers, and to work collaboratively with the Industrial Trades and Technology and Family and Consumers Sciences on meaningful, relevant professional development opportunities. As we move forward, I will be sharing more information on each of these projects.

Merry Christmas and Happy New Year, I look forward to seeing you in 2018!

Shannon Boswell

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FFA



Montana FFA News

The National FFA Convention took place in Indianapolis from October 25th to the 28th. This 90th annual convention is one of the longest running conventions in the U.S. and attracted over 67,000 people. Nearly five hundred students from Montana attended the convention.

Speakers for the event included Secretary of Agriculture Sonny Perdue, Laila Ali – author and professional boxer, Mick Ebeling – motivational speaker, Jon Petz – motivational speaker. Leadership workshops were held throughout the week and sponsors and exhibitors from across the U.S. participated in the trade show.

Additionally, national winners were determined in a number of career development events (CDE's) or more commonly referred to as contests.

Montana's career development event teams represented a good portion of the state. From Shepherd to Kalispell, students competed in twenty-one different events. Leading the way for Montana was the livestock evaluation team from Big Timber who placed fifth, the Townsend FFA Agricultural Sales team who placed seventh, and the Belgrade Farm Business Management team who also placed 7th. The livestock team members from Big Timber were Jess Moody, Bailey Veteto, Dylan Laverell and Gunner Hathaway. Townsend's sales team was Tyler Noyes, Trenton Braaten, Andrew Ferrat and Jyler Thompson. Belgrade's business team was Joe and Anthony Tatarka, Shelby Stump and Emily Cady. These three teams as well as all the other Montana teams competed for the national title against state winning teams from the forty-nine other states in their respective events. The highest individual placing was earned by Crystal



Sutton from Kalispell with a third-place finish in Vet Science and Trenton Braaten from Townsend with a 9th place finish in Sales.

Final CDE results are as follows:

<u>Contest</u>	<u>Chapter</u>	<u>Placing</u>
Agriculture Communications	Cascade	Silver
Agriculture Issues	Corvallis	Silver
Agriculture Mechanics	Missoula	Silver
Agriculture Sales	Townsend	7 th place - Gold
Agronomy	Missoula	Silver
Conduct of Chapter Meetings	Shepherd	Bronze
Environmental Science	Missoula	Bronze
Farm Business Management	Belgrade	7 th place - Gold
Floriculture	Hinsdale	Bronze
Food Science	Conrad	Bronze
Forestry	Missoula	Bronze
Horse evaluation	Missoula	Gold
Livestock evaluation	Big Timber	5 th - Gold
Marketing Plan	Victor	Silver
Meats	Missoula	Bronze
Parliamentary Procedure	Joliet	Silver
Veterinary Science	Kalispell	Silver

***INDIVIDUAL EVENTS**

Employment Skills	Kolby Dietz/Shepherd	Silver
Creed Speaking	Mckenna Quirk/Missoula	Bronze
Extemporaneous Speaking	Katie Koterba/Electric City	Bronze
Prepared Speaking	Claire Stevenson/Hobson	Bronze

*The Gold, Silver and Bronze ratings represent approximately the top third, the middle third and the lower third respectively of all teams/individuals competing at the national level.

Other FFA members participating at the national convention were Michaela Allred from Corvallis, Karli Blanchard from Colstrip, and Jerrica Bursik from Park City who were members of the national FFA Chorus, Jean Blackman from Cascade who served with the national band. A team of two from the Simms FFA Chapter competed in the Environmental Services and Natural Resource Systems area of the national Agriscience competition, while Megan Toplovich and Morgan Zuidema from Electric City FFA participated in the Power, Structural and Technical Systems area in the national Agriscience competition. Forty-seven Montana FFA Members received the American FFA Degree which is the highest degree that can be bestowed upon a member. Finally, Kacie Cummings from Cascade represented Montana in her unsuccessful bid for a national FFA officer position.

FFA information submitted by Montana FFA State Director, Jim Rose, phone: (406) 994-7050; Email: ffajrose@gmail.com.



Business Education

Montana Business Educators & Students Expand Knowledge of CyberScience and Promote Cybersecurity Career Awareness

During this past summer's Montana Business Education Summer Update workshops, Montana Business Educators took part in a Cyber Teacher Certification training and became certified Cyber Teachers. This fall, Montana's secondary Business Education teachers have utilized the information, resources, and training received through the Cyber Teacher Certification in their classrooms via two CyberScience/Cybersecurity programs—the National Security Administration's (NSA) Day of Cyber and the National Cybersecurity Career Awareness Week Cyber Challenge sponsored by the National Initiative for Cybersecurity Education (NICE).

Sponsored by the National Security Administration, the NSA Day of Cyber is designed to raise the "national IQ" for STEM and CyberScience education paths. NSA sponsors the program to introduce and inspire the more than 40 million students in schools and colleges to pursue STEM careers and to build the skills that will open up their future and connect them to this in-demand digital workforce.

The explosive growth of the cyber-related careers is creating an unprecedented opportunity for our future generation. With 100,000's of cyber jobs currently open in banking, mobility, healthcare, and government, cyber is one of the fastest growing STEM career fields. Education leaders are focused on how to bring cyber into their classrooms to connect these opportunities to their students.

Educators are encouraged to hold a NSA Day of Cyber with their students during National Cyber Security Awareness Month in October. The NSA Day of Cyber is a web-based, self-paced, interactive experience in which students virtually participate in challenging real-world cybersecurity scenarios allowing them to discover the skills and tools used by the NSA cybersecurity professionals and explore the vast number of careers in cybersecurity. Once completed, each student receives their Cybersecurity Resume and earn a Certificate of Completion.

The first annual National Cybersecurity Career Awareness Week Cyber Challenge, from the National Initiative for Cybersecurity Education (NICE), launched November 13. The National Cybersecurity Career Awareness Week is a celebration to focus local, regional, and national interest to inspire, educate and engage children through adults to pursue careers in cybersecurity.

Cybersecurity Career Awareness Week takes place during November's National Career Development Month and each day of the week-long celebration provides for learning



about the contributions, innovations and opportunities that can be found by exploring cybersecurity as a field of study or career choice.

During the week, learners of all ages, educators, parents, employers, and community members can participate in a national recognition of how cybersecurity plays a vital role in the lives of Americans and how building a national cybersecurity workforce enhances America's national security and promotes economic prosperity.

Activities and initiatives during the week are intended to build awareness of the broad array of career opportunities available to students and adults.

Submitted by

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Montana Business Professionals of America December 2017 Update

Wishing you all a joyous holiday season from Montana BPA.

REGIONAL QUALIFIER NUMBERS—with registration winding up for 2017-2018 the membership numbers for BPA are as follows:

Region 1 - Northwest Montana—153 members
Region 2 - Western Montana—87 members
Region 3 - North Central Montana--279 members
Region 4 - Southwest Montana--192 members
Region 5 - South Central Montana—120 members
Region 6 - Yellowstone & Musselshell Co.--3267 members
Region 7 - Southeast Montana--139 members
Region 8 - Northeast Montana--189 members
Currently we have 1418 BPA members at the secondary level
And 18 BPA members at the post-secondary level



UPCOMING REGIONAL COMPETITIONS: Regional Leadership Conferences are scheduled for December and January. The dates are: Region 7--December 4 in Baker; Region 5—December 5 in Livingston; Region 4— December 18 at MSU-Bozeman; Region 1—December 18 at FVCC in Kalispell Region 6—December 19-20 at MSU-Billings; Region 2—January 8 at Missoula College; Region 8—January 10 in Lambert and Region 3—January 15 in Great Falls. All students are hoping to earn a spot to compete at the state conference held in Billings on March 11-13, 2018.

Social Media 500. Help our state officer team reach their goal of 500 followers on each of our social platforms. Follow us on:

Like us on Facebook--Business Professionals of America--Montana Association
Follow us on Instagram at BPAMT
Tweet us @Montana BPA
Add us on Snapchat @BPAMT

Submitted by
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Montana DECA

DECA

Montana DECA is in full swing for the preparation of the Annual State Career Development Conference, held at Fairmont Hot Springs Resort, February 11-13, 2018. The State Officer team spent three days in Seattle, WA at the Western Region Leadership Conference, where they attended education workshops and leadership development training, that will be passed down to the membership at large at this years SCDC.

Montana DECA has gone completely digital. From our judges recruitment, to our State Career Development Conference registration, we are now completely online. Judges can now easily evaluate projects online prior to the State Conference, as well as sign up for respective competitive events. For more information, or to volunteer, please visit www.mtdeca.com/judging.

Across the country, members and advisors celebrated DECA Month as a part of national CTE awareness month.



Here are some opportunities members took advantage of to celebrate their involvement:

1) #DECAMonth Photo Challenge

The [#DECAMonth Photo Challenge](#) is returned, challenging members to post a specific photo of their involvement every day throughout the month of November. Challenges ranged from “Show us your favorite DECA memory” to “Show us your most important DECA Advisor/Mentor”

2) Chapter Campaigns

Four of DECA’s five chapter campaigns – Promotional, Membership, Community Service and Global Entrepreneurship Week – culminate during DECA Month. Learn [everything you need to know](#) about these campaigns, which provide great opportunities to promote celebrate #DECAMonth in your chapter and school, and earn recognition for your chapter. The deadline to submit your campaigns is December 1, 2015.

3) DECA Idea Challenge

The DECA Idea Challenge is a fast-paced learning activity that challenges student teams around the globe to find an innovative new use for a commonplace item in eight days. Student teams of three to five members are asked to pitch their invention in a creative, 3-minute YouTube video presentation. The item to be used in the challenge will remain a mystery until announced by DECA Inc. on November 10, 2017. The competition is a fun and exciting way for students to be imaginative and resourceful while learning about the entrepreneurial process. The exercise easily fits into most curricula as a formal class assignment or an extra credit activity. The challenge is open to any student interested in the entrepreneurial process. DECA membership is not a requirement. This activity reinforces the 21st Century Skills concepts of collaborative problem-solving and learning in digital networks. As an experiential learning exercise, the DECA Idea Challenge promotes idea generation utilizing entrepreneurial thinking skills such as:

- Challenging assumptions
- Creating value
- Defining and communicating results
- Forming and working in teams
- Leveraging limited resources

For more information on DECA programs and events, or to start a chapter, visit us online at www.mtdeca.com. Have a great October.....see you all in November!

For more information, please contact John Stiles, DECA State Director, at decavpjohn@gmail.com

Submitted by John Stiles, DECA State Director.



Family and Consumer Sciences Education

Family and Consumer Sciences & Family, Career, and Community Leaders of America Update

Family & Consumer Sciences programs continue their involvement with the Farm to School movement. Many participated in Crunch Time in October to celebrate Farm to School month, and a few of the programs received a mini-grant to implement Harvest of the Month projects within their school. Family & Consumer Sciences educators have continued to attend professional development during the school year including the National JumpStart Conference in Washington, DC and a ProStart Culinary Arts Training in Jackson Hole, Wyoming.

In October and November, hundreds of Montana FCCLA members attended one of ten district meetings throughout Montana. District meetings are coordinated by district officers; led by the state officer. Meetings are focus on leadership development of members. Attendees conduct service projects to benefit their local communities, attend workshops about leadership, meet new friends, and learn about ways to build their career-ready skills through participation in Montana FCCLA Competitive Events. In addition, each district conducts a business meeting which includes the election of the 2017-18 officers. Results of the elections will be available in December.

Chapters throughout Montana are currently working on local level projects to support our State Outreach Project, Vision Zero. These projects are in coordination with the Montana Department of Transportation and Ford Driving Skills for Life. Grants were offered by our partnering organizations this fall. Sixteen chapters received a total of \$18,377.12 in grant money to implement to educate students and their community about the importance of making informed, responsible decisions regarding traffic safety. This partnership and statewide project was featured on the National FCCLA State Adviser monthly webinar for November.

Respectfully submitted,
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Nicole Wanago, State Director, Montana FCCLA

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Health Sciences Education

Health Science Update:

The Health Science Education Specialist was one of three OPI staff that attended the Council of Chief State School Officers (CCSSO) Fall Convening, Nov. 1-3 in Cincinnati, OH. This meeting was focused on increasing equity across the educational system using career preparation and career readiness as one strategy.

Montana and Oklahoma did a presentation on “Expanding Access to High Quality Career Pathways in Rural Communities”. Ohio and New Jersey led a session on “Effectively Communicating Career Readiness to Key Stakeholders”, then Advance CTE and the American School Counselors Association presented on “Innovative Career Advisement Models”.

CCSSO and Advance CTE led a National Policy Update on ESSA and Carl D Perkins reauthorization.

Further breakout sessions included “Developing Employer Leadership in Career Readiness Systems”, “Connecting Actions to Outcomes”, and “Aligning WIOA with Career Readiness Reforms”.

Friday sessions involved everyone in discussions of Credentials of Value; Students and Employers discussed their perspectives on Pathways, and we ended with a session on how to communicate our message of Career Pathways across Sectors.

The MT Healthcare Workforce Advisory Board had its monthly meeting on Nov. 6th and we heard from Amy Watson, Dept of Labor and Industry, about the latest college report looking at how well college graduates are filling MT workforce needs.

Health Science classrooms across the state are involved in regional REACH days, hospital and college tours, medical terminology courses for dual credit, and industry-recognized credentials such as Nursing Assisting and EMT.

Both Northern MT Hospital and Deer Lodge Medical Center partnered with their local high schools in Havre and Deer Lodge to plan a joint health science program for Fall 2018.

Exciting things are happening around our new MT Career Pathways-Statewide Pathways Initiative!



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Montana HOSA



CTE Report December, 2017

Montana HOSA: Future Health Professionals is preparing for the 14th Annual State Leadership Conference, to be hosted March 12-13, in Helena Montana. In addition to competitive events, students will participate in over 20 on-site health profession symposia, and attend one of 5 off-site workshops being hosted at Helena College and at the Helena Airport. Exhibitor information may be obtained by contacting Martha Robertson, martha.robertson@umontana.edu. Event judge information will be available soon.

In November, Montana HOSA state officers hosted their first online virtual meeting for chapter officers. Chapters were reminded to continue work to raise funds, through the "BURPEE CHALLENGE," for our Montana Big Brothers Big Sisters youth behavioral health state project.

The National HOSA online college scholarship application is now open, <http://www.hosa.org/scholarships>. HOSA's corporate partners offer scholarships in over



20 career fields. Students must upload information through STEM Premier. Deadline is March 15, 2018.

The Montana DPHHS Mobile Sim Lab visited the Billings Career Center campus as part of HOSA Week. Photo credit, Elisha Keoni, Billings HOSA.



Submitted by
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Industrial, Trades and Technology Education

The Montana Contractors Association will be hosting a National Center for Construction Education and Research (NCCER) Instructor Certification in January, in Helena.

The class dates are Wednesday, January 3 (*:00 – 5:00) and Thursday, January 4 (8:00 – 12:00). Cost is \$175 per person and includes all workbooks and course materials. The instructor candidates will be required to teach a 10-minute class on Thursday. They should be prepared to teach a class they are comfortable with and bring any required training aids.



Once certified, instructors can utilize the NCCER curricula (50+ career fields) and access the NCCER's Instructor Resource Center to create custom tests, quizzes, and student information.

The NCCER is the premier construction trades education organization in the country. Endorsed by the Associated General Contractors of America, Skills USA, Association for Skills and Technical Sciences, the Construction Users Round Table and others, the NCCER offers curricula in over 50 different construction and pipeline trades.

A trade's instructor who successfully completes the ICTP will be authorized to utilize NCCER curricula and tests – giving Montana students a national certification and a head start towards a high-paying and satisfying job in the construction industry.

Please contact Keith Ouzts at Montana Contractors Association 1717 11th Ave.
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<http://web.mtagc.org/events/NCCER-Instructor-Certification-48/details>

Lincoln Electric Welding Training Opportunities

Welding skills classes and educator professional development seminars begin as early as January 8 in the new [Lincoln Electric Welding Technology & Training Center](#) in Cleveland, OH. If you are interested in one of our [Welding Educator Workshops and Beyond the Booth classes](#) for instructors, prepping for [AWS Certified Welding Inspector](#) exams or just want to brush up skills with [a week of GMAW, GTAW or SMAW welding](#), the new school can help you with your educator professional development goals. Or, if you are planning to build a career in welding, consider part or all of the 20 week [Comprehensive Welding Series](#). Classes will be held at the Lincoln Electric Training Center, Cleveland, OH. Register online for any 2018 class at www.lincolnelectric.com.

Submitted by

Don Michalsky

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SkillsUSA



SkillsUSA Champions at Work, Job Ready Day One

Over the next decade, 2 million manufacturing jobs will go unfilled due to the skills gap. With the help of teachers, we can mitigate this gap and show students the reality of modern manufacturing. The Manufacturing Institute's "Dream It, Do It" toolkit at <http://tinyurl.com/gnmdgkd> provides teachers with activities to expand students' knowledge and awareness of the manufacturing industry.

Many people of all ages are amazed to learn how much is manufactured in the United States and how diverse the careers are in this industry. Today's manufacturing is about new innovation, making an impact and a chance to design and build the future. Whether students are interested in design, engineering or even the business side of the industry, there is a place for everyone in manufacturing. Not only does the industry offer a wide variety of demanding and fulfilling roles, it also offers high pay and opportunity for career advancement.

SkillsUSA information submitted by Montana SkillsUSA State Director, Cassie Huntley, cell phone: (406) 461-5016; Email: chuntley@skillsusamontana.org

Montana TSA



December spotlights Bozeman Engineering club written by Cassie Hendricks:

"This year, the BHS engineering club started the second week of school. We meet every Thursday at lunch in the engineering classroom. We kicked the year off with officer nominations and elections for the club, which was followed by introductory presentations of engineering club and the TSA competition. We talked about all of the





events and students were able to choose which events they are the most interested in. We also put together our two vex robotics teams. On Halloween we held our first fundraiser for the American Cancer Society. It was "Mummify Your Teacher." During lunch, in the north cafeteria, we sold rolls of toilet paper for \$3 and students were able to wrap their favorite (or least favorite) teachers and deans in toilet paper. Our own engineering club students bought toilet paper and wrapped the teachers to kick things off. We made \$81. So now, the vex robotics teams are working hard every week to prepare for a robotics competition next Saturday, December 9th. It was originally assumed that there would also be an expo for other competitions, such as pop-bottle rockets. But now it seems that won't be happening. It may however, get to be an expo for line followers, if any are ready on time."

December brings preparations for all State events in April: Jesse Gray is working on taking over the website and sponsors are working on the new events and reworking existing events. We hope that we can have a good drone demonstration this year and give students a good experience with coding as we plan a new computer programming event at state.

For any questions please contact Kirk Woosley or Jesse Gray.

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Montana TSA information submitted by State Director, **Kirk Woosley**, cell phone: **406.698.8154**; email: woosleyk@billings.k12.mt.us

