



CAREER and TECHNICAL EDUCATION UPDATE October 1, 2016

2016-2017 CALENDARS Posted on the Secondary CTE Web page

The **CTE Calendar of Events** and the **CTE DUE DATES and DEADLINES** calendars have been posted to the Secondary CTE web page located at this link: http://opi.mt.gov/programs/CTAE/CTE.html#gpm1_5. Please feel free to print and post both of these important calendars for your reference throughout the year. For questions about either calendar, please contact Christy Hendricks at 406.444.9019 or email her at: chendricks@mt.gov.

2016-2017 Perkins Grant Approval Reminder

The CTE Division of the OPI reminds all districts intending to submit a 2016-2017 Perkins grant application to please obtain final OPI approval of your initial Perkins application through the E-Grants system no later than **Monday, October 31, 2016**.

Only the initial/original application is subject to this deadline. Amendments to your approved Perkins application can occur after the October date. If you have questions regarding the status of your Perkins grant application, please contact one of the following CTE Division staff:

Renee Harris—phone: 406.994.6986; email: rharris3@mt.gov

Christy Hendricks—phone: 406.444.9019; email: chendricks@mt.gov

NEW CTE Professionals Workshop—Registration Deadline is October 3

Professional Development Designed Specifically for those New to the CTE Classroom

The Office of Public Instruction's Career and Technical Education Specialists will be conducting a **New CTE Professionals Workshop** on Wednesday, October 19, in Bozeman at the GranTree Inn, prior to the start of the 2016 Montana ACTE Institute.

The New CTE Professionals Workshop is a **FREE** professional development opportunity designed specifically for Career & Technical Education professionals in their first, second, or third year in the classroom or for those teachers new to Career & Technical Education in Montana.

This professional development opportunity will provide teachers who are new to the classroom, as well as those with less than four years of experience, with information on a variety of topics essential for success in the career and technical education classroom including

- Perkins funding,
- State CTE funding,
- Advisory boards,
- Professional development,
- Professional organizations,
- Montana's Big Sky Pathways Initiative and the Development of Programs of Study,
- CTE and program-area standards and guidelines, and
- Career & Technical Student Organizations.



The workshop will be held at the GranTree Inn (1325 North 7th Avenue) from 8 am to 4 pm. The training is free of charge and lunch will be provided for attendees. Up to six (6) OPI Renewal Units will be offered. Attendees are responsible for their own travel and substitutes.

Additional details about the New CTE Professionals Workshop, including a schedule of events, are currently posted on the Secondary CTE page of the OPI website (<http://opi.mt.gov/programs/CTAE/CTE.html>) under the **In The News** heading and can be downloaded via the following link:

http://opi.mt.gov/PDF/CTE/ProfDevelopment/16Oct19_NewCTEprofessionals.pdf

Registration for the 2016 New CTE Professionals Workshop can be completed and submitted online at <https://www.surveymonkey.com/r/KR868PJ>. The deadline to register is Monday, October 3.

Please note, registration for the 2016 New CTE Professionals Workshop does not also include the Montana ACTE Fall Institute. Registration for the Montana ACTE Fall Institute must be submitted separately. Montana ACTE Fall Institute registration details can be found at <http://montanaacte.org/prodevel.shtml>.

For registration assistance or for more information, please contact the appropriate CTE program specialist:

Business Education: Eric Swenson, eswenson@mt.gov, 406.444.7991

Family & Consumer Sciences Education: Megan Vincent, mvincent2@mt.gov, 406.444.3599

Health Sciences Education: Renee Harris, rharris2@mt.gov, 406.444.994.6986.

Industrial Trades & Technology Education: Don Michalsky, dmichalsky@mt.gov, 406.444.4452

Individual School 3-Year Report Cards

The Career and Technical Education Division has been working on new ways to keep Montana's schools updated on how they measure up and one of the latest ways we are doing so is by adding a new tab called Report Cards on the Secondary CTE page of the OPI website.

If a school's score falls below the State minimum (Threshold Target) for three consecutive years, the Carl D. Perkins Federal Grant requires the school to develop an improvement plan to address how the school plans to increase their scores in the core indicator they missed. A Small Schools Exemption – ten (10) CTE Concentrators or less – unfortunately, cannot apply to Perkins Performance Indicators. All schools receiving Perkins, regardless of their CTE Concentrator total, are required to develop an improvement plan.

This Report Cards tab allows schools to view their schools '3-Year Report Card', their individual 'Report Card' as well as 'Report Cards' by Class Size and CIP (Classification of Instructional Programs). Each schools '3-Year Report Card' is broken down by performance indicators and includes visual graphs. Schools can also view the Montana State Report Card. The Report Cards are created from data collected from AIM. **If your school is not listed in the 'Individual School 3-year report card', it is because the school has less than 10 CTE Concentrators in all 3 years.**

The direct link to the Report Cards can be found here:

http://opi.mt.gov/Programs/CTAE/CTE.html#gpm1_12

The Perkins Core Indicators, as well as explanations and Threshold Targets for each indicator, are available. The state goals for each core indicator are determined by the United States Department of Education.

Schools receiving Carl D. Perkins funding, are required to meet at least 90 percent of the state adjusted level of performance for any of the core indicators of performance.



If you have any questions about the report cards, please contact Christy Hendricks, CTE/Perkins Data Control Specialist, at 406.444.9019 or email her at: chendricks@mt.gov.

Fall 2016 CTE Data Collection BEGINS

The Fall 2016 CTE Data Collection begins on October 1 and ends December 31, 2016. The Fall CTE Data Collection is a follow up to last year's Spring CTE Data Collection. Students identified as CTE Concentrators last year (2015-2016) and graduated in the spring of 2016 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 2015-2016 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 listed in Reports and Data and also on the **Secondary CTE** web page under the '**Data Collections**' tab.

PLEASE NOTE: Be sure to verify the list of CTE Concentrators from what your district submitted last spring. Any additions, corrections, or changes to the list of CTE Concentrators must be made no later than **November 15, 2016**, to be accurately reflected in federal reporting and used to compute Perkins Performance Indicators for your school.

Technical AIM questions regarding the Fall CTE Data Collection should be directed to the AIM Helpdesk at 1.877.424.6681 (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.

Agriculture, Food and Natural Resources

FFA



The Montana State FFA Officers just completed their district leadership schools. These sessions provide leadership training to Jr. high and high school FFA members. Eight sessions were held across the Treasure State at the following locations: Culbertson, Forsyth, Hysham, Park City, Stevensville, Shelby, Chinook and Livingston. Over 1050 members got the opportunity to participate in these workshops.

The National FFA Convention will be held October 19th – 22nd in Indianapolis, Indiana. Over 64,000 FFA members are expected to attend this annual convention. Teams will be representing Montana in eighteen different contest areas ranging from mechanics to parliamentary procedure. There are also five Montana students who will be competing in individual competitions. Finally, forty-four members will receive their American FFA Degree which is the highest degree that can be bestowed upon an individual member.

The state officers had the opportunity to participate in Montana FFA's Foundation Golf Tournament recently. The tournament was held at Mountain Sky Guest Ranch near Emigrant, Mt. The highlight of the tournament was a hole-in-one made by Kathy Crook from Joliet. Kathy was on her very first hole when she made the hole-in-one. In addition to the excitement of making a hole-in-one, this was also a prize hole and Kathy won a brand new John Deere Gator which had been donated by Frontline Ag.



Two FFA public service announcements were developed during a visit to the Northern Ag Broadcasting office in Billings by Jon Andres who is the 2nd vice president and Kacie Cummings who is the state FFA reporter.

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

Business Education

Updated Framework for Business Education in Montana & OPI TEAMS K-12 Course Codes and Descriptions Reference Manual for Business & Marketing Education Available

The [Framework for Business Education in Montana](#) has been updated for the 2016-2017 school year. Within the Framework, updates have been made to the competitive event crosswalks for Business Professionals of America and DECA. The updated crosswalks reflect updates and changes to the competitive event programs at the national level effective for the 2016-2017 school year.

The Framework for Business Education in Montana provides teachers with common guidance for curriculum development and course content development. Review and update work for the Framework for Business Education in Montana was by a committee Montana business education professionals representing all classifications of Montana High School as well as business education teacher program coordinators from the University of Montana and University of Montana Western and the State Directors for Business Professionals of America, Montana Association and Montana DECA.

The course information within the Framework is organized by Career Clusters with the Common Career Technical Core as the standards for each cluster. Additionally, course content is aligned to the *National Standards for Business Education* and is crosswalked to the *National Standards for Business Education* and to the competitive event programs for Business Professionals of America and DECA.

A complete PDF version of the Framework can be downloaded at <https://app.box.com/s/e4vxcib34pb7gkn2ypkqidwhj37uj5mz> and if you would like to just download the BPA and DECA competitive event crosswalks, they can be downloaded at <https://app.box.com/s/0f3gnfq8msbtutc4fe67drecl6ptxu85>.

Also updated for the 2016-2017 school year is the [OPI TEAMS Current Listing of All Montana K-12 Course Codes and Descriptions Reference Manual for Business & Marketing Education](#). The Montana K-12 Course Codes and Descriptions are used for the reporting of course taught in all schools and at all grade levels via the OPI TEAMS school staffing system. Updates to this year's manual include the removal of duplicated courses to help streamline course identification and the removal of "other" courses and codes. Additionally, this year's manual includes a complete listing of Montana teacher licensure course codes.

Within TEAMS, all courses taught are identified and aligned to a national SCED Code with the local school course title listed as well as term type, enrollment numbers, and length of instruction. For Montana's Career & Technical Education programs, the TEAMS data is also used to generate the Montana CTE Student Participation Reports which are used to determine State CTE/VoEd funding allocations.

The [OPI TEAMS Current Listing of All Montana K-12 Course Codes and Descriptions Reference Manual for Business & Marketing Education](#) can be download at <https://app.box.com/s/8ymsldpnr66xrt1rvl73fzf2sg5zky1r>.

Additional information about the Framework for Business Education in Montana and the OPI TEAMS Current



Listing of All Montana K-12 Course Codes and Descriptions Reference Manual for Business & Marketing Education will be presented during the [2016 New CTE Professionals Workshop](#) and the [2016 Montana ACTE Fall Institute](#).

If you have problems accessing any of the documents noted above, please contact Business Education Specialist Eric Swenson at eswenson@mt.gov.

Submitted by

Eric Swenson

Business Education Specialist

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Montana Business Professionals of America October 2016 Update

BPA Montana is excited to hold a Fall Leadership Conference for all of the chapter advisors and their officer teams. We have 288 individuals scheduled to attend. This conference will provide members to get ahead of the game this year. The conference will be held at Fairmont Hot Springs on October 2 and 3. Leadership training will be provided to the students by the Montana State Officer Team and workshops will be offered to advisors to provide them a better understanding of the BPA Cares Program, Competitive Events, Torch Awards, Competitive Events and more. BPA Montana will provide dinner on Sunday and breakfast on Monday, Morning. Design Contest Deadlines. The trading pin design and conference logo design (formerly program cover design) contests are open your students to submit. Designs are to be submitted to Nicole Bogunovich at bogunovichn@billingsschools.org by October 26, 2016.

Student Certification Series set to launch online on October 18!! COMPONENTS: Six training courses DELIVERY: Six 50 minute weekly training webinars, View training videos, Complete topic assessments. GOALS: Prepare new members for success in their BPA membership; Retain existing members through supportive training materials resulting in success in their BPA membership; Provide a training source for new and existing members which results in a Trained Pin & Certificate of Completion; Students will be recognized at National Leadership Conference in Orland. *Participants may register for courses individually, but must complete all courses & assignments in order to satisfy the requirements for the Student Member Certification Designee.* . Training courses will be arcs will have an opportunity to also complete the Next Step Academy Program. The lessons are archived so students can go back and view if they are unable to watch during first airing. <http://bpa.org/membership/StudentCert> Students who complete the training will assist Montana BPA in meeting the goals of the House Bill 86 funding grant.

Like us on Facebook-  **Business Professionals of America-Montana Association**

Submitted by

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Denise Juneau, Superintendent
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Montana DECA



Greetings from Montana DECA! The State Officers have been hard at work, launching the first ever “Student Corner” on www.mtdeca.com. This launch provides members with current professional learning, tips for competitive success, and monthly blogs from the State Leadership Team. For all of the in’s and out’s of Montana DECA, visit the new Student Corner at www.mtdeca.com!

The Montana DECA Board of Directors and executive staff have begun the Vision 2021 Strategic Plan. With a 70 year history, DECA had an illustrious past that has touched the lives of more than ten million students, educators, school administrators, and business professionals. Their strong connection with our organization has developed a brand that people identify, and one that has evolved over the years. Our strategic 2021 plan looks to the future, while honoring past traditions, and vital organizational strengths, while simultaneously looking for future growth and program expansion. To provide input and feedback regarding Montana DECA’s Vision 2021, please visit www.mtdeca.com.

Montana DECA continues to promote our theme: “Be Legendary”. Chapters will be receiving state of the art promotional materials, including: posters, brochures, promotional videos, and more!

For more information on the happenings and exciting development of the Montana DECA Program, please visit us on all Social Media Platforms, or at www.mtdeca.com!

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

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

Family & Consumer Sciences



October is the month for professional development in Montana with the statewide PIR days fast approaching. The 2016 OPI New CTE Professionals Workshop will be in Bozeman on Wednesday, October 19. This is not to be missed if you have been in the Montana FCS classroom three years or less. This training is followed by the Montana ACTE Fall Institute (also in Bozeman) October 20-21. Attending professional development opportunities in our state can be the key to being a successful teacher!

In September, a handful of FCS teachers attended the Montana Farm to School Summit. Here, great connections were made, new resources were gained for our classrooms, and a renewed excitement of engaging our students to fresh, healthy, local food was found. FCS was also well-represented by presenters for the summit with Judy Bryant from Butte High School as part of a panel discussion regarding her classroom integration of Harvest of the Month and Vicki Kaufman from Bridger High School with her project based learning of a local food product. Great work, ladies! For more information about Montana Farm to School, please visit: <http://www.montana.edu/mtfarmtoschool/index.html>.

Montana Family, Career & Community Leaders of America

Montana FCCLA is busy with preparations for the annual Leadership Rally, which will be held in Bozeman October 2 – 4, 2016. We have a record number of chapter attending, and this event will provide both advisers



Denise Juneau, Superintendent
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and members with the tools to plan and execute a successful year. *Be ready to find 'Unlimited Possibilities' by being 'Agents of Change' this year.*

Our website www.mtfccla.org is continually updated. Please be sure to visit it often to see the most current offerings of Montana FCCLA. Fall district meetings will be happening over the next few months; here's the schedule of events:

Fall District Meeting Dates/Locations:

District	Location	District	Location
1	TBD	6/7	November 1, Missoula
2	November 15, Virginia City	8	November 9, Glasgow
3	November 1, Havre	9	November 1, Lewistown
4	October 18 - Colstrip	10	November 9, Billings
5	TBD	11	November 15, Virginia City

Respectfully submitted,

Megan A. Vincent

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Nicole Wanago

Montana State University FCS Teacher Educator/Montana FCCLA State Director
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Health Sciences Education

Health Science Update

September is always the time of year when CTE teachers are getting to know their students and starting up their CTSOs...

Oct. 4th- HOSA-Future Health Professionals will be holding our Fall Leadership Workshop at Montana Tech in Butte. Our chapter advisors/teachers are in for a treat! The faculty of the Health Care Informatics program at Tech will be providing a separate workshop to introduce health science teachers to the world of Health Care Informatics. This is an emerging specialization in the health care industry that joins the disciplines of information technology, communications, and health care. This field bridges the technology transfer gap between those professionals entrusted to provide clinical care and those who manage the complex information systems required to operate today's health care system.

Oct.12-14 is the National Health Science Curriculum Conference in Louisville, Kentucky and several of our health science teachers will be in attendance.

Oct. 19th is the New CTE Professionals Workshop and an introduction to CTSOs.

Oct. 20-21st the Health Science Division will be providing workshops covering the new Allied Health Common Core, Best Practices from the National Curriculum Conference, Health Literacy, and other topics if interest to health science teachers.



What a great start to this school year!

Renee Erlandsen,
Health Science Education Specialist, Montana Office of Public Instruction
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Montana HOSA



Montana HOSA Director, Martha Robertson, recently returned from the annual National HOSA State Advisor's Meeting (SAM), hosted in Washington D.C. There was opportunity to visit with staff in Congressmen Zinke, Daines and Senator Tester's offices and promote healthcare initiatives; hear from our HOSA national project partner, NAMI; and learn about National HOSA's adoption of STEM Premier.

Both Helena High School and Capital High School HOSA chapter members participated in the 2016 Montana NAMI walk hosted in Helena, Sept. 25.

On Tuesday, Oct. 4th, HOSA chapter officers and advisors will be meeting for Fall Leadership Conference, at MT Tech, in Butte. Foci of the conference are: leadership, advocating, and competitive event updates. VA Healthcare System Chief of Voluntary Services, Terrie Casey, will share state projects which will benefit from the 2016-'17 Montana HOSA state project.

Submitted by
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Industrial, Trades and Technology Education

WOMEN IN GEAR

Helena College will be offering the Women In Gear Program again this year on October 8, at the Airport Campus. The main sponsors are The Boing Company, The Montana Contractors Association, and Big Sky Pathways. Feedback from past attendees has always been A+. For more information contact Jan Clinard, Career Pathways Coordinator at Helena College University of Montana. Phone 406-447-6951.

Beyond the Classroom, Building Montana's 21 Century Workforce Symposium

In association with Governor Bullock's Main Street Montana Project, "Beyond the Classroom, Building Montana's 21 Century Workforce Symposium" was held in Butte, MT on September 20 & 21, 2016.

Throughout the Symposium, key stakeholders from secondary and postsecondary education, U.S. Department of Labor & Industry, Montana Department of Labor & Industry, adult basic education, representatives from business & industry, and economic development agencies came together in unprecedented levels to address the current skilled worker shortage, and the growing demand for qualified employees to enter the work force.

A great deal of emphasis was placed on the importance of Industry Recognized Credentials, Work-Based Learning and Apprenticeships.

Manufacturing Opportunity for Parents and Students

On September 28 & 29, 2016 Spika Design & Manufacturing in Lewistown, MT hosted over 500 students for an in-house, demonstration on manufacturing processes. Many of the undertakings were designed to be hands-on activities based on the grade level of the students, as many of the participants were from area grade schools.

Spika Design & Manufacturing is a World-Class manufacturing company that specializes in the engineering and manufacture of structural aluminum products for such consumers as all branches of the military, aerospace, and manufacturing industries. All products and manufacturing processes meet ANSI and OSHA standards.

Students were introduced to and experienced: Plasma Cutting, CNC Machining, Blueprint Reading, calculating and constructing devices requiring selection of gears (after watching the gears being made) to achieve a certain gear ratio, along with activities that included Electrical simulations.

In addition, during the preceding evening, parents and instructors were offered a plant tour and the opportunity to experience first-hand, the various stations that were set-up for students.

Great Falls College brought their mobile welding lab along with a certified AWS welding instructor to help with the large number of participants.

Spika Design and Manufacturing is truly a visionary company who wants to educate students, instructors, parents, and councilors and to dispel the stereotype of past manufacturing practices, and how it has evolved into a high technology industry.

Submitted by

Don Michalsky

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SkillsUSA



Welcome back to a new year of SkillsUSA Montana.



The Power of One – The Legacy of SkillsUSA

SkillsUSA offers advanced training for students and advisors that focuses on the skills needed to be champions at work, in the communities and in their personal lives. It's known as the Washington Leadership Training Institute (WLT I). Montana SkillsUSA State Officer, Derian McCormick and State Director, Cassie Huntley attended the conference held in Washington DC in September.

After our training sessions Derian and the rest of the students, advisors and state directors went to Capitol Hill to meet with our Senators and Representatives. The students presented to their Senators and Representatives the SkillsUSA Framework and the need for their continued support of CTE and Carl Perkins funding.

To help students learn how an individual can effect change, sessions covered the following areas:

The impact of the individual as a leader

- Developing influence: how to manage for success
- Communicating: how to deliver persuasive messages
- Leading others: how to delegate and motivate

The impact of the individual as a citizen

- Decision making: having an impact on a local event
- Serving the community: developing altruism and influence
- Legislating: how government leaders effect change

The impact of the individual as an employee

- Risk taking: a dialog about success and failure
- Facilitating growth: teaching and reinforcing employability in others
- Becoming a change agent: developing vision and exercising focus

Other WLT I activities included:

- Congressional visits



- Guided tours
- Touring the Smithsonian Institution and Washington area monuments
- Laying of a wreath at the Tomb of the Unknowns, Arlington, Va.
- Pentagon Memorial Ceremony
- Opportunity to earn National Statesman award
- Tour of the SkillsUSA National Leadership Center

Advisor Sessions

Like students, advisors had the opportunities to learn how to be change agents for career and technical education. Sessions for advisors inspired advisors to lead the change process in their schools and districts, develop strategies to gain support for education issues, motivate supporters and learn from those who take risks.

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

Montana TSA



No update at this time.

TSA information submitted by Montana TSA Co-State Directors,

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