

The Wednesday Reader

January 9, 2019

FREE Regional Trainings for CTE Manager—New Work-Based Learning Management System for Montana CTE Programs

The Career and Technical Education Division of the Office of Public Instruction would like to invite you to attend one of the five regional trainings being provided on the new work-based learning management system, **CTE Manager**.

This online system will allow teachers, employers, students, parents and administrators to better monitor the work-based learning that is occurring in and out of classrooms across Montana. We at the OPI are rolling out the CTE Manager on a state wide, two-year trial, to help local programs emphasize the importance of work-based learning for all CTE students, and provide an easy way of tracking students' progress and skill growth.

This *free* training will be for Career and Technical Education Teachers, Administrators, School Counselors, or Work Based Learning Coordinators to learn about the CTE Manager Online system. The training will provide them with information on how to use the system, how to train teachers, as well as student and employers. These will be regional trainings provided to schools at no cost. We realize that not all of your teachers may be able to attend, but we encourage every school with a Career and Technical Education Program to send a representative to one of the trainings. Those in attendance will receive four hours of OPI renewal units.

- Billings: Monday, February 4, 2019; Billings Career Center Auditorium, 12:30-4:30 pm
- Glendive: Tuesday, February 5, 2019; Dawson Community College Toepke Center, 8:30 am-12:30 pm
- Great Falls: Wednesday, February 6, 2019; Springhill Suites Great Falls, 8:30 am-12:30 pm
- Missoula: Thursday, February 7, 2019; University of Montana University Center Room 340, 8:30 am-12:30 pm
- Bozeman: Friday, February 8, 2019; Holiday Inn Baxter Lane Bozeman, 8:30 am-12:30 pm

Please register at <https://www.surveymonkey.com/r/R3MXGYH> by January 28, 2019.

Attendees are encouraged to bring a laptop or tablet to the training. There will be WIFI and parking available at all locations.

We look forward to working with you and your programs to better serve our Career and Technical Education students, teachers and programs to meet the employment needs of Montana's growing workforce.

If you have questions about the training please email Shannon Boswell at Shannon.boswell@mt.gov or T. J. Eyer at teyer@mt.gov.

Montana ACTE Rotunda Activity—February 26

The [Montana ACTE](#) Legislative Committee invites the students and advisors of your Career & Technical Student Organizations (CTSO) to participate in Montana ACTE Rotunda Activity (Legislative Day) to be held on Wednesday, February 26, 2019, in Helena, Montana.

You can make a difference by participating.

Montana ACTE (www.montanaacte.org) hopes to inspire new leaders and encourage continuing communication with legislators. All students participating in the Rotunda Activity must be accompanied by his/her CTSSO advisor while in the Capitol. The students should have received legislative training on appropriate behavior and protocol prior to February 26. CTSSO students are expected to wear their organization's appropriate uniform or professional business attire.

There is a \$250 stipend for expenditures such as gas, meals, or overnight stays from Montana ACTE.

For more information contact Kellan Standley, Montana ACTE Rotunda Coordinator at kstandley@bainvilleschool.k12.mt.us.

CTE Curriculum By Teachers for Teachers

The [Montana ACTE](#) and OPI Career and Technical Education have partnered with the Arizona CTE Curriculum Consortium to make available CTE curriculum for Montana CTE teachers at a very affordable price.

If you are interested, you can review an introductory [video](https://www.youtube.com/watch?time_continue=4&v=VIfbZMXiDZM), (https://www.youtube.com/watch?time_continue=4&v=VIfbZMXiDZM), review their infographic or contact Tammy Bonner at tbonner@pimajted.org or Lisa Doll at ldoll@pimajted.org.

Registration is Now Open for the 2019 ACTE Region V Conference in Bozeman, April 10-13

The [Montana Association for the Career & Technical Education](#) (Montana ACTE) is excited to announce [registration](#) is now open for the 2019 ACTE Region V Conference—*CTE Roundup Under the Big Sky*—in Bozeman, April 10-13, at the Best Western Plus GranTree Inn.

ACTE members from all across the western US and throughout the Pacific Islands will be taking part in the [2019 Region V Leadership Conference](#) in Bozeman. Montana ACTE members are able to register at a discounted rate of \$350, a \$75 savings off the \$425 Early-Bird rate. The deadline to register with the Montana ACTE member rate will be February 15, 2019.

The room rate at the Best Western Plus GranTree Inn is \$94 plus taxes. Reservations can be booked directly with the GranTree Inn by calling 406.587.5261 and using group code *MACTE*.

Details about the 2019 ACTE Region V Leadership Conference, including a tentative schedule, keynote speakers, tour options—including a pre-conference tour to Big Sky and West Yellowstone—and dinner & entertainment details can be found in the ACTE Region V Conference Registration Packet at <http://acte.informz.net/ACTE/data/images/2019%20Region%20V%20Final.pdf>.

If interested in being a part of the conference's program, the [Call for Presentations](#) is now open and can be completed online at <https://docs.google.com/forms/d/e/1FAIpQLSdbsul0vQzz1sfNgCZf8M335X2QLrSTdWrUPOxCT9a18uzbeQ/viewform>. Breakout sessions will be held Thursday and Friday, April 11 and 12.

Planning to Attend the ACTE Region V 2019 Conference? Want Graduate Credit for Lane Change &/or Renewal? Only \$99.

The [ACTE Region V's 2019 Conference](#) will be held in Bozeman, Montana, April 10-13, and Montana ACTE is excited to provide attendees with an added benefit. Attendees of the ACTE Region V 2019 Conference will be able to earn graduate-level college credit from Montana State University Billings. The cost for the credit is \$99.00.

The Montana Association for Career and Technical Education has partnered with Montana State University Billings to provide ACTE Region V 2019 Leadership Conference participants with the option to earn one (1) graduate-level credit from MSU Billings' Extended Campus. Registration and payment for the credit can be completed at <https://goo.gl/7k4WRi>.

The credit, EDCI 589-400, is not applicable to a Master's degree offered by MSU Billings; however, the credit may be used to fulfil K-12 licensure requirements, "lane changes," or other continuing education requirements for professionals.

[ACTE Region V 2019 Leadership Conference](#) attendees who wish to earn the graduate credit will be required to provide proof of registration and attendance (such as a copy of registration receipt and nametag), a provide a written agenda/synopsis listing all the conference sessions and all the conference-related activities attended (including workshops, tours, networking sessions, etc.), and create a lesson plan in which materials and/or resources gained from the ACTE Region V 2019 Leadership Conference are implemented. All materials will need to be submitted by May 3, 2019.

For complete details about the credit offering, including a syllabus, a template for the lesson plan, directions for utilizing the lesson plan template, and a copy of the rubric which will be used to evaluate the lesson plan and lesson materials can be found on the ACTE Region V website at www.acteonline.org/region-page/region-v-events along with other details regarding the 2019 event in Bozeman.

Questions regarding the graduate credit offering can be sent to Eric Swenson at eswenson@mt.gov. See you in Bozeman.

Apollo's 50th Anniversary Celebration Contest

NASA is celebrating the 50th anniversary of the Apollo 11 mission to the moon, and NASA has planned a competition for middle and high school students and their teachers.

OPI is looking for teachers to train in programming and lead groups of middle and high schools students in a lunar landing mock-up competition using drones and Lego rovers.

A statewide competition will be held at the Montana Learning Center in July 2019. Registration details will be coming in January 2019.

Contact OPI Science Instructional Coordinator [Michelle McCarthy \(MMcCarthy5@mt.gov\)](mailto:MMcCarthy5@mt.gov) for more information about this exciting opportunity.

NBEA 2019 Convention—Chicago, April 16-20—Now Ready for You

The [National Business Education Association \(NBEA\)](http://nbea.org), nbea.org, is excited to share with you the tremendous educational sessions that will be offered at the [NBEA 2019 Annual Convention](#), which will be held April 16-20, in Chicago, Illinois. The NBEA Convention is consistently rated as the most valuable conference for business educators.

With over 90 educational sessions, you will find new and creative ways to enhance your classrooms and business education programs. Access a complete listing of all concurrent sessions by [clicking here](#) for the convention program brochure and the convention registration form.

The Chicago Marriott Downtown Magnificent Mile will be the host site for the [NBEA 2019 Annual Convention](#). Conference room rates are \$165 Single; \$165 Double; each additional person in room is \$20. Online reservations can be completed at <https://book.passkey.com/e/49816955>.

Please note the following dates & times as you plan to attend the NBEA 2019 Convention:

--Technology workshops begin on Tuesday, April 16, at 9:00 a.m. and conclude on Friday, April 19, at 11:00 a.m.

--The Business Education Research Conference will hold a Wine & Cheese Expo on Tuesday, April 16, at 4:00 p.m. Sessions (including more than 20 "My Favorite Assignment" sessions) begin on Wednesday, April 17, at 8:00 a.m. and conclude on Friday, April 19, at 11:30 a.m.

--A full array of concurrent sessions begin on Wednesday, April 17, at 10:30 a.m. and conclude on Friday, April 19, at 4:45 p.m.

--A workshop with the culinary team at the Chicago Marriott Downtown Magnificent Mile takes place on Wednesday, April 17, from 9-11:30 a.m.

--The W!SE Certification for Personal Finance will be held on the morning of Friday, April 19.

Please review the program carefully before making your hotel and travel arrangements to Chicago, so you can take full advantage of the educational and networking opportunities. The Opening General Session take place on Wednesday, April 17, at 3:00 p.m. and the Closing General Session will be on Saturday morning, April 20.

Do not miss this dynamic convention dedicated to business education. NBEA looks forward to seeing you in Chicago.

FREE 2019 AICPA Advanced Accounting Trainings—Including Helena, June 24-26, 2019; Registration Now Open

The American Institute of Certified Public Accountants (AICPA), the Montana Society of Certified Public Accountants, and the Career & Technical Education division of the Montana Office of Public Instruction are excited to announce a FREE three-day training for the [APBP: Accounting Program for Building the Profession](#) (formerly known as Accounting Pilot & Bridge Project).

The registration for the [APBP: Accounting Program for Building the Profession](#) training to be held in Helena at Helena College is now open. The Helena training will be held June 24-26, 2019.

As in past years, the AICPA has partnered with state CPA societies and/or state departments of education throughout the country to bring you training sessions to equip you with higher order accounting curriculum that will increase your students' engagement.

Becoming a part of APBP will enable you to level up your accounting class with more engaging, advanced content. Even better, registration is provided for FREE, courtesy of the AICPA Foundation.

Exclusively for high school accounting teachers, those that complete the full program will also receive:

- Daily lesson plans and assignments
- Pre-written exams with answer keys
- A textbook, including teacher's notes and PowerPoint presentations
- Refresher videos and webcasts
- Continuous support from APBP trainers

Graduate-level college credits and OPI renewal units will be available.

More than 1,000 high school teachers in 42 states have attended the training, received their free materials and been provided ongoing support. Are you interested? Head over to the APBP website (startheregoplaces.com/teacher/apbp-advanced-accounting) to register for the Helena training. To see the topics to be covered in the training, download a [PDF of the sample rubric](#).

2019 CSTA Annual Conference Registration is Now Open—Phoenix, July 7-10

Take Advantage of Early Bird Registration to the [2019 CSTA Annual Conference](http://csteachers.org/page/2019conference), csteachers.org/page/2019conference.

Unlock the discounted registration rate of \$175. This early bird rate includes access to sessions, the exhibit hall, plenary sessions, two lunches, and the reception on the first evening.

New this year: Register by January 6, 2019, to get unlimited workshops for a flat rate of \$200, with a week of early access to select your workshops before they open to the public.

The [2019 Computer Science Teachers Association Annual Conference](#) will be held in Phoenix, Arizona, July 7-10, 2019, at the Phoenix Convention Center.

Conference details can be found on the CSTA website at www.csteachers.org/page/2019conference.

Attend a FREE Webcast-Oracle Academy Presents: Get Your Students Started in Programming Using Alice

Are you looking to engage your students in programming using innovative tools? Attend a free webcast-Oracle Academy Presents: Get Your Students Started in Programming Using Alice.

Alice (alice.org) is an innovative Carnegie Mellon block-based programming environment that makes it easy to create 3D animations, build interactive narratives, or program simple games. Alice motivates learning through creative exploration and teaches logical and computational thinking skills and fundamental principles of programming. It can be used for teaching object-oriented programming to students of all ages.

Join Oracle Academy and The Alice Project director Eric Brown in this live webcast that will cover:

- 1) A live demo of Alice world
- 2) Fun ways to use Alice to get your students started in programming
- 3) Free Oracle Academy resources using Alice

Date & Time: January 9, 2019 at 3 pm (Mountain Standard Time)

Join us for this free webcast and learn more about using Alice to teach object-oriented programming in your classroom.

To register for the webcast, please got to

<https://event.on24.com/eventRegistration/EventLobbyServlet?target=reg20.jsp&referrer=&eventid=1880364&sessionid=1&key=21E87B7CF12E8694690FB584EC6C5C82®Tag=&sourcepage=register>.

U.S. Computing Olympiad Announces 2018-2019 Season

The USA Computing Olympiad (USACO) provides free online training materials and programming contests to prepare and equip pre-college students with coding and computational problem solving skills.

USACO (usaco.org) offers four online programming contests (about 3-5 hours in length) at four separate levels—free, open, and accessible to all (even students with no algorithmic training).

While targeted to pre-college students, others may compete and be ranked separately as observers. Submissions in C, C++, Java, Pascal, or Python will be accepted.

Students can schedule and complete their contest individually at anytime during the following windows (all web-based with proctoring or pre-registration required):

--December 14-17
--January 18-21
--February 22-25
--March 29-April 1

Looking to improve algorithmic coding skills? The USACO website, usaco.org, offers several free training and practice materials, including prior contest problems and solutions.

Contact Brian C. Dean (bcdean@clermson.edu) with any further questions.

Montana Teenpreneur Roundup—Submission Portal Now Open

Calling all BPA and DECA advisors. Will your students be entering a Competitive Event for entrepreneurship-related categories OR do they operate a School-Based Enterprise?

If YES, you should encourage them to submit entries to [Montana Teenpreneur Roundup](#) where they can receive cash prizes and a free 4-day entrepreneurship workshop at MSU.

The *Roundup* provides BPA and DECA students a great “twofer” opportunity to win prizes and receive statewide recognition for their business savvy while also preparing for their CTSO competitions. *Roundup* submissions can copy-and-paste from materials they create for Competitive Events and our business summary template is easy to complete for students running a SBE.

Submission deadline is February 10, 2019.

Visit the [Montana Teenpreneur Roundup](#) homepage for information about our two submission categories, examples from last year's entries to help guide your students, evaluation rubrics our judges will use, and much more.

The *Roundup* is part of a suite of entrepreneurship-related programs for high school students and educators hosted by Bozeman-based [One Montana](#). For additional information or questions, contact Jim Masker at jim@OneMontana.org.

New for 2018—the Bank On It!® Challenge Online Accounting Game has been Taken to a New Level

[Bank On It](#) (bankonitgame.com), the ever-popular online game created to reinforce the accounting fundamentals you're teaching, has been expanded once again. This new **Advanced Accounting** version takes things up a notch with an entirely new game board and more complex questions on topics such as Fixed Assets, Inventory, Time Value of Money and Debt & Equity financing.

The advanced version also gives students the opportunity to complete high-level financial statement analysis through a new feature that puts financial statements right in the game. And like all of our [Bank On It](#) versions, it can be played in the classroom, on the go or via tournaments.

So whether you're new to Bank On It or it's already a classroom staple, learn more about our new advanced version by trying a game for yourself or downloading the updated [Educator's Guide](http://startheregoplaces.com/teacher/classroom-resources/bank-it-game-and-educators-guide) (startheregoplaces.com/teacher/classroom-resources/bank-it-game-and-educators-guide)

2018-2019 Montana Teenpreneur Roundup Now Open for Student Submissions

Do you teach students who exhibit an innovative spirit, the kind who ask "How might we?" or "Couldn't we try it this way?" or "I have an idea." Are you looking for a unique Project-Based Learning activity to try with your students? If yes, then please help us find, celebrate and reward Montana's next generation of entrepreneurs and innovators. You know who they are for they are already sitting in your classroom and participating in your CTSO club.

Now in its third year, [Montana Teenpreneur Roundup](http://www.onemontana.org), sponsored by Bozeman-based nonprofit [One Montana](http://www.onemontana.org) ([onemontana.org](http://www.onemontana.org)) provides high school students an opportunity to demonstrate their creativity by submitting ideas for innovative products and services that solve problems in their lives and for solutions they see to improve their communities, Montana and the country, as a whole.

Since 2017, the *Roundup* has distributed \$5,000 to students with innovative ideas and their teachers. Students are celebrated during an awards ceremony hosted by the Governor at the Capitol. And, they are eligible to attend an all-expenses-paid 4-day accelerated entrepreneurship workshop at Montana State University.

The *Roundup* seeks students who have...

Category 1- New Business Ideas: Students with innovative ideas for new products or services that have the potential to improve our lives. It doesn't matter if the idea is serious or whimsical as long as it is an innovative solution to a contemporary problem.

Category 2- Existing Businesses: Students who already run small businesses. Some do it to earn spending money, while some do it as fundraising projects for their school clubs. It doesn't matter how small the existing business is, as long as it is profitable.

For more information about *Montana Teenpreneur Roundup*, go to www.OneMontana.org and click on the hyperlink for the *Roundup*.

Fun Facts and Trivia

Quebec City – not Montreal – is the capital of the Canadian province of Quebec.

The word “Kébec” is an Algonquin word meaning where the river narrows.

Quebec City, also known as Ville de Québec in French,

Quebec City’s location is at the confluence of the St. Lawrence and the St. Charles River.

The St. Lawrence River flows backwards in Quebec City—the river flows downstream towards Montreal for half the day and upstream towards Rimouski for the other half—as Quebec City is located at a very special part of the St. Lawrence where the freshwater portion of the river begins; it’s just far enough inland to avoid salt water, but still close enough to the Atlantic Ocean to be affected by its tides.

Jacques Cartier, a French explorer landed here in 1535. It wasn’t until 1608 when Samuel de Champlain arrived that a permanent wooden fort and fur trading post were set up

Quebec City is the oldest French-speaking community in North America.

Quebec City’s 400th anniversary was celebrated in 2008.

Quebec City is the only walled city north of Mexico with nearly three miles of walls.

in 1775, American troops led by Benedict Arnold attempted to invade and take over Quebec City in the Battle of Quebec to “liberate” the region from the British.

The siege was unsuccessful, however, and Quebec did not become the 14th colony; instead, it remained under British rule until Canada became its own country in 1867.

Only about 1.5% of the population speaks English with over 95% of the population is French speaking; however, more than a third of the population can speak both English and French.

The city's main event is the Quebec Winter Carnival which takes place every year in February.

Quebec City's Chateau Frontenac, opened in 1893, is the world's most photographed hotel.

Quebec City has 149 days on average per year when the snow is at least one inch deep.

The Hôtel de Glace in Quebec City (the only ice hotel in North America) requires 30,000 tons of snow to build and 500 tons of ice.

The inside temperature for sleeping is between 23°F and 27°F, toasty enough when you've got the right sleeping bag.

The Hôtel de Glace opens its doors in early January and stays open into mid- to late-March.

Villages Vacances Valcartier is the largest winter playground in North America and offers 35 snow slides, skating trails, 5,000 inner tubes and 17 lifts as well as snow rafting.

Opening in 1871, J.A. Moisan Epicier is the oldest grocery store in North America.

Not far from downtown Quebec City sit the beautiful Montmorency Falls—at over 270 feet tall, they are a whopping 100 feet higher than Niagara Falls.

There are over 30 museums in Quebec City including a maple and a chocolate museum.

Quebec City had a NHL hockey team called the Quebec Nordiques between 1979 to 1995.

The team moved to Denver in 1995 and became the Colorado Avalanche.

The Nordiques (roughly translated as the “Northerners” or “Northmen”) were originally located in San Francisco and were called the Sea Hawks.

Issues of the Wednesday Reader are archived on the Montana Business Education Association (MBEA) website at www.mbea.info. The Wednesday Readers are under the Newsletter section and listed most-recent first.

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"You don't make decisions because they are easy; you don't make them because they are cheap; you don't make them because they're popular; you make them because they're right." ~Rev. Theodore Hesburgh