

The Wednesday Reader

May 2, 2018

Montana Institute on Education Technology (MIET) at Great Falls College—June 12 & 13

The Great Falls Public Schools in partnership with Great Falls College Montana State University will be holding the 2018 edition of the [Montana Institute on Educational Technology](http://mietttechdays.weebly.com/) (MIET) (mietttechdays.weebly.com/) on the Great Falls College campus Tuesday, June 12 and Wednesday, June 13.

This two-day professional development event offers educators the opportunity for some hands-on learning and exploration of various tech tools for the classroom use and instructional strategies for engaging learners. This year's offerings include a full day G-Suite Bootcamp and breakouts on virtual reality, Minecraft, and using infographics.

Registration for [MIET 2018](http://mietttechdays.weebly.com/register.html) is \$110 if paid/postmarked before May 18 and can be completed at mietttechdays.weebly.com/register.html.

Attendees can earn OPI Renewal Units or graduate credits from MSU Northern.

Perkins and State CTE/VoEd funds can be used to cover costs (including travel) to attend MIET 2018 but may not be used to pay for the graduate credit.

A complete schedule and workshop details can be found at mietttechdays.weebly.com.

Summer Computer Science Offerings from UofM for Both Students and Teachers

The [University of Montana](http://www.umt.edu) is offering several computer science programs this summer for both students and teachers.

For students, the [TECH Track Summer Camp](http://www.umt.edu/cs/summer-offerings/tech-track-summer-camp.php) will be offered July 29-July 31. Campers will choose 1 of 3 tracks with each track will consist of six sessions. A variety of topics will be offered that consist of 1, 2 or 3 consecutive sessions. Students do not have to have any experience to attend this camp. Campers will receive a "Certificate of Completion" acknowledging the sessions they attended at camp.

Complete details about [TECH Track Summer Camp](http://www.umt.edu/cs/summer-offerings/tech-track-summer-camp.php) and the available tracks can be found at [hs.umt.edu/cs/summer-offerings/tech-track-summer-camp.php](http://www.umt.edu/cs/summer-offerings/tech-track-summer-camp.php).

Another student offering is [Mobile Application and Game Development](http://www.umt.edu/cs/summer-offerings/apps-and-games-camp.php). This camp geared towards middle school students will be held July 23-27. Details, including cost and registration, are available at [hs.umt.edu/cs/summer-offerings/apps-and-games-camp.php](http://www.umt.edu/cs/summer-offerings/apps-and-games-camp.php).

For teachers, multiple offerings are available including [Joy & Beauty of Computing](http://www.umt.edu/cs/summer-offerings/joy-beauty-of-computing.php) and [Mobile Computer Science Principles](http://www.umt.edu/cs/summer-offerings/mobile-computer-science-principles.php). Both of these sessions will be held in Butte on the Montana Tech campus, June 25-29.

Complete details for both the student and teacher options, including some summer course offerings in computer science, are available at [hs.umt.edu/cs/summer-offerings/default.php](http://www.umt.edu/cs/summer-offerings/default.php).

\$25000 Scholarships for Students to Continue Their CTE Studies

The [Association for Career & Technical Education](#) (ACTE) encourages students to apply for the Horatio Alger National Career and Technical Scholarship Program, offering 1,020 scholarships of up to \$2,500 each to students who wish to pursue a CTE certificate or degree at an accredited nonprofit postsecondary institution in the U.S.

Students are encouraged to apply by the June 15 deadline.

Scholarships are awarded to students who have faced and overcome great obstacles in their lives who wish to pursue a career or technical education at an accredited non-profit post-secondary institution in the United States.

Eligibility Criteria:

- Have completed high school (or earned a high school equivalency credential)
- Will be enrolled in eligible program in Fall 2018
- Exhibit a strong commitment to pursue and complete a career or technical program (up to 2 years) at an accredited non-profit post-secondary institution in the United States
- Demonstrated critical financial need (must be eligible to receive the Federal Pell grant as determined by completion of the FAFSA)
- Demonstrated perseverance in overcoming adversity
- Be under the age of 30
- Be a United States citizen

Funds may be used for tuition, fees, books and supplies. All scholarship funds are paid directly to the institution on behalf of the recipient.

For complete details and to apply, please visit scholars.horatioalger.org/scholarships/about-our-scholarship-programs/technical.

2019 ACTE Region V Conference in Bozeman—Call for Presentations Now Open

The [Montana Association for Career & Technical Education](#) will be hosting the [2019 ACTE Region V Conference](#) in Bozeman, April 10-13, on your state association would like **YOU** to be involved.

Do you have a great and/or innovative idea, lesson, project, or talent you would like to share with Career & Technical Education professionals from the Western US? Submit a [Call for Presentations](#) today.

The 2019 Region V Conference Committee is now seeking presenters for breakout sessions on one or more of the following conference themes.

- Best Practices and Innovation in CTE
- Classroom Delivery
- Creating Partnerships: Secondary, Post-secondary, and Business
- Leadership and Advocacy
- Work-Based Learning and Apprenticeships

Breakouts will be scheduled for either Thursday, April 11 or Friday, April 12, and will be 50 minutes in length.

A link to the online Call for Presentations can be found on the ACTE Region V website at acteonline.org/region.

Submissions will be accepted thru January 15, 2019.

Questions regarding the Call for Presentations and/or the [2019 ACTE Region V Conference](#) can be sent to Mark Branger at mbranger@huntley.k12.mt.us.

Become a Fraud Investigator & Gain Resources for College & Career Readiness—Summer Update 2018

Looking for some warmer days? How about taking a hike or road trip for a little adventure? What about being hot on the trail of a money laundering ring or uncovering an employee's embezzlement scheme as a member of a fraud investigation team?

Join fellow Montana Business Educators for a day of investigation and discovery during the 2018 Montana Business Education Summer Update. Plan to uncover evidence and financial fraud as you participate in *Forensic Accounting* activities in the morning and explore *College and Career Readiness* opportunities and resources for use with students and parents during the afternoon at one of the following locations.

Three (3) regional sessions will offered across the state for Montana's Business Education Professionals. The 2018 Summer Update topics will include the *Forensic Accounting*, along with materials from the American Institute of Certified Public Accountants, and *College and Career Readiness* featuring Reach Higher Montana and the Montana Career Information System.

Workshops will be held

- Tuesday, July 31 at Skyview High School in Billings;
- Monday, August 6 at Capital High School in Helena; and
- Wednesday, August 8 at Glacier High School in Kalispell.

The Summer Update will be facilitated by Montana Business Education Specialist Eric Swenson with presentations by Reach Higher Montana. Participants will get to try their hands, and brains, at being fraud investigators as well as receive instructional tools and resources which may be used in college and career development instruction with students.

In addition to all the information and fun activities, Summer Update participants will also receive AICPA/Start Here. Go Places.[®] curriculum materials and resources from Reach Higher Montana.

Please note: you do not need to be teaching accounting to use the forensic accounting materials and students do not need to have taken accounting either. The materials could be used in a variety of courses/units including business communication, business law, business management, entrepreneurship, intro to business, digital media, or computer applications.

Below is the schedule for each of the three locations: July 31, Billings at Skyview High School; August 6, Helena at Capital High School; and August 8, Kalispell at Glacier High School.

8:30-9 am: Registration

9-9:30 am: Welcome & Introductions

9:30-10:30 am: Forensic Accounting
10:30-10:45 am: Break
10:45-Noon: Forensic Accounting, continued
Noon-1 pm: Lunch (On your own)
1-1:30 pm: Business Education/CTE Update
1:30-2:30 pm: College and Career Readiness with Reach Higher Montana
2:30-2:45 pm: Break
2:45-3:45 pm: College and Career Readiness, Leadership and Communication
3:45-4 pm: Wrap Up & Closing

Come for the day and leave with new ideas, some swag, and activities to start out the new school year.

Registration can be completed at <https://goo.gl/forms/ZKUTu5gcI1wZU2Ly1>. If you have problems accessing the link via the Google “shorthand” URL, here is the longhand version of link, https://docs.google.com/forms/d/e/1FAIpQLSet0hcw2ZzKZ6cvVKFG0uLPHOX0-p9opR281pjEHvpNP_gLEQ/viewform?usp=sf_link.

Please complete registration by Friday, June 22. A registration confirmation will be sent after your registration has been processed.

The Summer Update is offered free of charge with up to six (6) OPI Renewal Units available.

Any travel and lodging expenses you may incur to attend can be paid for by either Perkins and/or State CTE/VoEd funds.

Please let me know if you have any questions or need additional information, eswenson@mt.gov.

Computer Science Professional Development Opportunity at MSU – Funding Available for Teachers

Montana State University (MSU) will offer a Master of Science in Science Education (MSSE) course for Montana teachers, “[CSCI 582 Computer Science in the Classroom: The Joy and Beauty of Data](#)” July 23-27, 2018 on MSU’s campus in Bozeman.

The 2-credit course is intended for 7-12th grade teachers who want to learn how to incorporate computational ideas in the classroom.

In addition, teachers who take the course will be introduced to the broad area of data science and will extend their knowledge of the Python programming language. High school teachers who complete the course can potentially teach CSCI 127, The Joy and Beauty of Data, as a dual enrollment course.

The course builds upon the pre-requisite course, “Joy and Beauty of Computing,” previously offered at MSU (2014-2017) and offered this summer at the Montana Tech, June 25-29, 2018.

The course will be taught by Dr. John Paxton, Director, Gianforte School of Computing, Montana State University.

Support for Montana teachers is available. For more information and how to apply, please contact Diana Paterson, MSSE Associate Director, (406) 994-5679 or msse@montana.edu.

Learn Scratch this Summer Online—Either for 1 Grad Credit or for Free

The University of Northern Iowa is pleased to announce the 5th offering of the online course "An Introduction to Programming using Scratch."

The course will run June 18-July 27 and will require a total commitment of 20-25 hours. The pace of the course is up to the participants who may start and end at their convenience at any time during the course offering - so long as the course is completed by July 27.

The course assumes no prior programming experience. It will include material on Scratch for Logo, storytelling, text interaction, and game playing, as well as some advanced topics. Each of the six units is a blend of 60-90 minutes of lecture videos (roughly 5 minutes each), hands-on guided activities, and independent programming assignments.

Participants may complete the course for personal interest FREE of charge. Participants interested in earning 1 hour of graduate workshop credit (suitable for license renewal in many states) have the OPTION of doing so for a fee of \$100 billed by UNI.

Further details and registration are available at: csed.uni.edu/summer-2018/scratch/

Contact Ben Schafer at schafer@cs.uni.edu with questions.

High School Capture the Flag—An Online Computer Science Competition

[HSCTF 5](#), an online computer science competition, will be running from May 19-26.

HSCTF is a free online programming and cyber security competition organized by high school students at West Windsor Plainsboro HS North for high school students. Last year, in HSCTF 4, we had over 3000 competitors. Competitors in [High School Capture the Flag](#) (or HSCTF) will learn computer science skills, and use ingenuity to discover a series of increasingly hard to find "flags" encrypted, hidden, or otherwise stored somewhere difficult to access.

HSCTF includes topics such as computer security, programming, algorithm design, and programming language design. Prizes will be awarded to the top teams. Any team of size 5 or less of high school age or younger living in the US is eligible to win.

You can register and sign up for email updates from our website, hscf.com. If you have any questions, email us at contact@hscf.com.

Early Bird Registration for ACTE's 2018 VISION in San Antonio is Now Open

The premier event for CTE professionals to connect and collaborate, the Association for Career & Technical Education's [ACTE CareerTech VISION 2018](#) features high-quality CTE programs, strategies for successful collaboration and innovation in the classroom.

This November 28-December 1, thousands of educators, business leaders and industry representatives will gather in San Antonio, Texas, to learn and inspire.

[Register](#) by July 13, 2018, and save on your registration.

Hotel reservations can also be made for CareerTech VISION 2018 at the [Grand Hyatt San Antonio](#). The conference room rate is \$189 plus taxes and fees. Reservations can be made at <https://aws.passkey.com/go/2018ASSNCAREERTECH>.

Also, check out the CareerTech VISION 2018's [Travel page](#) for Delta and United discount codes for airfare.

Apply Today for a FREE 2018 Advanced Accounting Training—Boise, June 19-21; Stipends Available

The application for the [2018 APBP: Accounting Program for Building the Profession](#) (formerly known as Accounting Pilot & Bridge Project) training is now open. The American Institute of Certified Public Accountants (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 is not only FREE, but also provides high school teachers with a \$200 stipend upon completion of the program.

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 to find a training near you.

A 2018 training for Idaho, Montana, and Utah is currently scheduled for June 19-21 in Boise on the Boise State University campus.

Details about the [2018 APBP: Accounting Program for Building the Profession](#) project can be found at www.startheregoplaces.com/teacher/apbp-advanced-accounting.

To see the topics to be covered in the training, download a PDF of the [sample rubric](#).

AICPA research has found the first accounting course high school students take greatly impacts their decision to pursue accounting as a major and career choice.

Fun Facts and Trivia

The chameleon is a very distinctive and well-known species of lizard, due to the large eyes and curled tail of the chameleon.

Chameleons are found throughout jungles and deserts alike, in Africa, Asia and parts of Southern Europe; chameleons have also been introduced to parts of North America.

There are thought to be more than 160 different species of chameleon that range from just an inch to more than a couple of feet in size.

The tiny pygmy leaf chameleon, found in the jungles of Madagascar, is the smallest species of chameleon, with some males measuring just over one-inch long.

The largest species of chameleon, the Malagasy giant chameleon, is also natively found in the jungles of Madagascar and can grow to nearly 28 inches in length.

Some species of chameleon, although not all, are able to change the color of their skin in order to be camouflaged into their surroundings.

These color changes in the chameleon's skin color can include colors such as pink, blue, red, orange, green, black, brown, light blue, yellow and turquoise, all so that the chameleon can blend in more easily.

The chameleon has exceptional eyesight for a reptile as the structure of the chameleon's eye, allows the chameleon to have complete 360-degree vision around its body.

A chameleon will generally eat anything though including berries, leaves, fruits, insects, worms, snails and some of the larger chameleon species will also hunt small reptiles.

In order to bury her eggs to keep them safe and warm, the female chameleon first digs a hole, 4 to 12 inches deep, in the forest floor in which to bury them.

The female chameleon then lays a clutch of around 20 eggs, although the exact number of eggs can vary from just one to nearly 100.

The chameleon eggs take from 4-12 months to hatch, depending on the chameleon species.

Jon and Val are the names of the chameleon couple used in the Valspar paint commercials.

Karma Chameleon was released by Culture Club in the United States on December 3, 1983.

In Hinduism and Buddhism, karma is the sum of a person's actions in this and previous states of existence, viewed as deciding their fate in future existences.

Karma symbols such as endless knot are common cultural motifs in Asia. Endless knots symbolize interlinking of cause and effect, a Karmic cycle that continues eternally.

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