



MONTANA TECH WEEKLY UPDATE

October 21, 2024

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TRIO Student Support Services is Accepting Applications

Volunteers Needed for Ripple's Watershed Science Program

First Generation Survey

UPCOMING CAMPUS EVENTS

10/22:

Pilates w/Katie Hailer (12-1 pm, HPER 140)
Canvas Training (2:00 pm-3:30 pm, NRB 125)
Public Lecture Series (4:00 pm, URC Poore Room or Teams)

10/23:

Wellness Wednesday (2 pm, ccrooker1@mtech.edu for info)

10/24:

Weights w/Blaine Berrington (12-1 pm, HPER 140)
Harvest Hurrah (3:30-5:00 pm, Copper Lounge)
Movie: The Life You're Given (6:00 pm, Auditorium)

10/25:

World Pasta Day (Marcus Daly Dining Hall)
Hockey Fights Cancer Game (7:00 pm, Butte Community Ice Center)

10/26:

Football vs Rocky (1:00 pm, Bob Green Field)
Volleyball vs University of Providence (6:00 pm, HPER)

10/29:

Wellness Fair (11:00 am-2:00 pm, SUB)
Pilates w/Katie Hailer (12-1, HPER 140)

10/30:

SBIR Lunch & Learn (12:00 pm, Copper Lounge)
Wellness Wednesday (2 pm,

Bowl for Kids' Sake

FIRST Tech Challenge
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Course Evaluation
Changes

Changing Your
Password

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Changes

Evacuation Drills After
Action Report

ccrooker1@mtech.edu for info)

Volleyball vs Carroll College (7:00 pm, HPER)

10/31:

Weights w/Blaine Berrington (12-1 pm, HPER 140)

Blood Drive (10:00 am-3:00 pm, HPER Dance
Studio)

Campus Store Halloween Contest (10:00 am-3:00
pm)

Trick-or-Treat Off the Streets (7-9 pm, Prospector
Hall)



HANDS-ON CANVAS WORKSHOP

The Center for Academic Innovation is now offering a schedule for in-house training in Canvas. These trainings will be held in the CAI Training room (ENGR 205) EXCEPT for the hands-on workshops, which will be announced as they happen. The next event is in NRB-125 lab on **Tuesday, October 22nd** from 2:00 pm to 3:30 pm. Highlands has not been scheduled; however, an announcement will be sent out as soon as it is. You can register for all sessions through CAI Training Schedule or by going to the CAI website, where we have a catalog now of trainings that we have ready to go. In addition, you can request sessions through the Outlook CAI Training Request page for specific groups. These can be on topics already scheduled or can be special requests.

All of the current dates are on the North campus; however, dates are being set up on the South campus as well. Please watch for additional information to come soon.

Thank you, and we hope to see you there!



PUBLIC LECTURE SERIES

The next public lecture will be *Circular Pathways for Critical Materials through Advanced Industrial Processes* presented by Dr.-Ing Nikolaus Borowski, Global Head of Sales Non Ferrous Metals & Alloys, SMS Group GmbH on **October 22, 2024** at 4:00 PM in the University Relations Center Poore Room or join via Microsoft Teams—Meeting ID: 262 481 304 14; Passcode: 3tYNxs.



HARVEST HURRAH

Please join us for a Harvest Hurrah on **October 24** from 3:30 pm to 5:00 pm in the Copper Lounge. It's been a phenomenal start to the academic year. Let's celebrate all things good at Montana Tech. Join ASMT, Faculty Senate, and Staff Senate for a fun afternoon to celebrate research award recipients, faculty P&T, student prospectors, new faculty and staff as well as our campus community. Please RSVP to the calendar invite when it is sent. Treats and refreshments will be served.



OCTOBER IS DISABILITY AWARENESS MONTH AND SHOWING OF THE LIFE YOU'RE GIVEN

October is Disability Awareness Month, and the Office of Disability Services is sponsoring a film telling the story of one family's 35-year journey with Prader-Willi Syndrome. This genetic condition, which causes insatiable appetite paired with very low metabolism (among other issues), is rare, but is still the most common genetic cause for childhood obesity and is life-changing for the entire family. Join us on **October 24** from 6:00 pm to 8:00 pm in the Montana Tech Auditorium for the film and a Q&A with the family who made the film and a local family with a son with the same disorder. You can view a trailer of the film on Facebook: [The Life You're Given](#).



UPCOMING CAREER SERVICES EMPLOYER EVENTS

Career Services is working with employers to help find students jobs. We have arranged for several to come to campus. Go to DiggerRecruiting-DR 2.0 and register for any of the following upcoming events.

10/29: Virtual Veterinary Career Information Session, must register by 10/24! (12:00 pm, [Registration](#)). Recommended Majors: All



CALLING ALL CANDY CRUSADERS! TRICK-OR-TREAT OFF THE STREET RETURNS!

Get ready for a hauntingly good time! The Associated Students of Montana Tech (ASMT) is bringing back the beloved Trick-or-Treat Off the Street event this Halloween, **Thursday, October 31** from 7:00 pm to 9:00 pm or until candy is gone.

To make sure every little ghoul and goblin goes home with a sweet treat, we're seeking your help! Donate your favorite Halloween candy or contribute financially to fuel the fun. Donations can be dropped off at the main desk in the Student Union Building.

Together, let's create a safe and spooktacular Halloween for the community! For questions, reach out to Madeline Thomas at 406-496-4458 or mthomas3@mtech.edu.



SBIR LUNCH AND LEARN: FUNDING YOUR INNOVATION

The Montana Innovation Partnership (MTIP) works with entrepreneurial researchers and small businesses across Montana competing for over \$4 billion in non-dilutive federal funding grants and contracts awarded annually through America's Seed Fund - the Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) program. Join us in the Copper Lounge on **October 30** from 12:00 pm to 1:30 pm for this free Lunch & Learn to learn more about SBIR/STTR, how the program works, technologies that you use every day that were developed using this type of funding, Montana success stories, and free resources available to Montana

tech-entrepreneurs and startups to help navigate the competitive application process. Register [here](#).



TRIO STUDENT SUPPORT SERVICES IS ACCEPTING APPLICATIONS

TRIO SSS offers holistic, individualized support to students who are first generation (neither parent has received a bachelor's degree), income-eligible, or who have a documented disability and are pursuing a four-year STEM degree (engineering, biological sciences, chemistry, computer science, mathematical sciences, or software engineering.) Students can **Visit TRIO SSS STEM** for more information, or **Apply to TRIO Student Support Services STEM Today!**

We welcome referrals from all staff and faculty as well and would be happy to come speak to your class! Please feel free to contact TRIO SSS Director Carissa Johnson at cjohnson25@mtech.edu or 406-496-4289 with any questions.

We offer:

- One-on-one individualized academic success coaching
- Fall orientation for incoming freshmen
- Guidance in academic, personal, and career goals
- Tutoring and study groups here is our current Tutoring Schedule
- Assistance in graduate school applications
- Student Success Workshops
- STEM field trips and leadership conferences

**Due to federal guidelines, TRIO SSS cannot work with international or Post-Secondary Enrollment Option students.*



VOLUNTEERS NEEDED FOR RIPPLE'S WATERSHED SCIENCE PROGRAM

The field season is in full swing, and if you are passionate about sharing science and the story of our watershed with East Middle School student by running a macroinvertebrate sampling, a water quality testing, or riparian

assessment station, please consider volunteering for **October 22** and/or **October 24**. Field trips times are from 8:00 am to 12:00 pm. Do you need to be an expert? Absolutely not. The most important thing a volunteer can have is enthusiasm. The Ripple Staff will train you at a station to ensure you are prepared to help lead students. If you have a particular station you are interested in, let us. Please sign up through our website, cfwep.org/volunteer or contact Tammy Gordon at tgordon@mtech.edu or 406.496.4136.



ARE YOU FIRST GENERATION PROUD? TAKE THIS SURVEY TO FIND OUT!

In our run up to this year's national First Generation Day Celebration on **November 7th**, Montana Tech and TRIO Student Support Services (SSS) are asking all faculty, staff, and students to complete this [short survey](#) to help us better serve the First Generation population of Montana Tech. TRIO SSS will draw prizes for faculty/staff and one for students who participate in this two-question survey. All participants who are First Generation will also receive a Montana Tech "1st Generation PROUD" sticker.

Montana Tech and the Institute for Educational Opportunities are dedicated to creating a culture of support for First Generation students, staff, and faculty at Montana Tech and share the stories of those who have taken the journey before them.



BOWL FOR KIDS SAKE

Staff Senate is once again participating in this year's Bowl for Kids' Sake. We will be bowling on **November 16** at 5:00 pm at Star Lanes. We have 12 team members including staff senators and others from the Montana Tech family joining us this year. The theme for this year is "Woodstock." Each team member is asked to raise \$150, all funds raised through this event are used to help children in our community! If you are interested in making a pledge, reach out to any of the team members: Mike Haldane (Team Captain), Jenna Snow, Ice Demus, Katie Bigbee, Barb Cass, Quinn Kendall, Casandra Welch, Mark Armstrong, Laurie Vandel, Kinsley Rafish, Kade Kuder and his wife Maria Kuder. Thank you for your support.



FIRST TECH CHALLENGE ROBOTICS QUALIFIER

On **November 22 and 23**, Montana Tech will be hosting the FIRST Tech Challenge Robotics Qualifier. The event needs volunteers to help judge, set up, take down, referee, queue etc. To volunteer, please email bhill@mtech.edu.



AUTOMATIC DOOR LOCK EXCEPTIONS

Do you have an event or a class coming up, and will need the automatic doors to your building unlocked outside of their regularly scheduled times? Do you need your building to lock down earlier than usual for a week? The DiggerCard Center is here to help! Simply email mhaldane@mtech.edu with all the pertinent details, and Mike can make the necessary adjustments for you! Questions? Concerns? Email Mike Haldane in the DiggerCard Center and he will happily assist you!



SOFTWARE CENTER

In an effort to standardize the way we manage and deliver our software; the Montana Tech IT Department will now be providing software installations via Software Center.

Software Center will allow you to install MTech supported applications that you normally use without having to worry about administrative rights, or where to locate the software. The Software Center application has been pushed out to Montana Tech managed computers. Use the Search feature to find and access Software Center from your MTech PC.

Please be sure to reboot your PC at your earliest convenience to ensure your computer gets the install and latest updates.

In honor of Cybersecurity Awareness month, the IT Department encourages you to install **KeePass**, an easy to use and supported password manager that can be installed (and automatically updated) from Software Center.

Please see the following link for more information about the use of strong passwords:

<https://www.cisa.gov/secure-our-world/use-strong-passwords>

Contact the ITHelpdesk for more.



COURSE EVALUATION CHANGES

The Online Course Evaluation method is now the default method for conducting course evaluations.

Previously if you wanted to have your course evaluation conducted via paper, you did not need to perform any action as that was the default. **This year the process has changed.**

Instead of opting in for the online course evaluation, you will need to opt out if you prefer to have your course evaluation conducted via the paper method. Directions are listed below.

If you prefer the online method no action is necessary.

If you want to conduct your evaluation via paper, you will need to navigate to <https://webapps.mtech.edu/surveys> and delete your course from the list.

If you need further assistance, please contact our IT Helpdesk at 496-4244.



CHANGING YOUR PASSWORD

With the Holiday season fast approaching, Information Technology would like to remind you to reset your password before the break. Passwords expire yearly, so if you do not reset your password prior to the break, you may return to an expired password.

For directions on how to reset your password, navigate to kb.mtech.edu and search for 'password reset'. If you need further assistance, please contact our IT Helpdesk at 496-4244.



MONTANA TECH LOGIN CHANGES

As noted in a previous message, Montana Tech is transitioning from Shibboleth/DUO to Microsoft Authentication/MFA in order to bring multi-factor authentication (MFA) to all users in the most cost-effective manner.

We are now moving to the next phase in this project: PREPARATION.

Important Action Required: Please sign up for Microsoft MFA **before November 6**. This will ensure continued access to your account once the transition is complete. Follow [the guide available online](#).

What to Expect:

- On November 6, the traditional login process (username/password + DUO MFA) will be replaced with Microsoft prompts (email/password + Microsoft MFA).
- **VPN users will continue to use the DUO app.**

Seamless Sign-On:

- During the preparation phase, you may not be prompted for (username/password + DUO MFA) if you're already logged in on campus. This is because Microsoft uses your desktop credentials.
- If you prefer DUO MFA or need it for highly sensitive data:
 - Turn off third-party cookies (Firefox does this by default)
 - Contact IT to be added to the group already using Microsoft MFA. This option will prompt you for your email address, then username/password + DUO MFA + Microsoft MFA.

For more information on Microsoft seamless sign-on, see [our knowledgebase article](#).

Frequently Asked Questions

1. **How can I tell if I've already signed up for Microsoft multi-factor authentication?**
 - a. Open a browser (Firefox, Edge or Chrome)
 - b. Navigate to www.mtech.edu
 - c. Click on Email
 - d. Select your picture or initials in the upper right-hand corner.
 - e. Click "View account."

- f. Select update on “Security Info.”
 - g. **Ensure you have a minimum of two methods listed.** If not, choose “Add sign-in method” to add another method. This will ensure that if one option does not work for you, you have a backup.
2. **When will the transition be complete (Go Live Date)?**
- a. The transition is expected to be complete November 6. At this time, the traditional Shibboleth prompt for username/password and the DUO multi-factor authentication prompt will be replaced with the Microsoft prompts for your email address, password and multi-factor authentication.
3. **On November 6, what happens if I haven’t signed up for Microsoft multi-factor authentication?**
- a. You will be prompted to set up Microsoft multi-factor authentication at that time and will not be able to proceed until this step has been completed. **Which means – if you are attempting to teach a class and you haven’t set this up previously, you will not have access and your class may be on hold until you have completed the required setup process.**

If you have any questions or would like assistance, please contact the IT Help Desk at 406.496.4244.



EVACUATION DRILLS (FIRE) AFTER ACTION REPORT(FALL 2024)

Montana Tech’s Office of Facilities, Security, and Environmental Health and Safety conducted evacuation drills of the office, classroom, and residential buildings. The residential staff also participated in the drills when it came to the evacuation of the campus dorms. The Butte-Silver Bow Fire Department was present for fire drill at Highlands College along with Montana Tech’s staff. The evacuation drills are required under the Jeanne Clery Act, and also mandated by Butte-Silver Bow Local Fire Department.

Overall, all the fire drills went really well and ran smooth. The following is a summary of the drills, areas for improvement, and recommendations.

*Note: the red text indicates the deficiencies found during the fire drills, and the blue text indicates what corrective actions have taken place by Systems Northwest during the week of October 1-4, 2024.

Centennial Hall - September 23, 2024

- **Evacuation must be immediate and all individuals must evacuate**
- Alarm was received on Heating Plant panel and reset
- Close doors and leave unlocked (if possible)
- Close windows

Chemistry and Biology Building (CBB) – September 23, 2024

- **Evacuation must be immediate and all individuals must evacuate**
- **Fire doors hooked to magnets did not release:** reprogrammed and tested and doors working
- **The audio/visual alarms on second (2nd) and third (3rd) floors are not working:** (2nd) and third (3rd) floors are working. At the time of their testing the door mags did not release. Due to the doors not releasing and closing notification devices from the museum could be seen and they were not going off. They are part of the museum system. The doors close now and the devise are not seen.
- **The fire panel has a trouble alarm flashing:** panel was normal upon arrival
- **There was no alarm received on the Heating Plant panel:** alarm was received on panel
- Close doors and leave unlocked (if possible)
- Close windows

Engineering Hall – September 23, 2024

- **Evacuation must be immediate and all individuals must evacuate**
- **The fire panel has a trouble alarm flashing:** panel was normal upon arrival
- Audible alarm received on Heating Plant panel
- Close doors and leave unlocked (if possible)
- Close windows

Engineering Lab/Classroom Building (ELC) – September 23, 2024

- **Evacuation must be immediate and all individuals must evacuate**
- **The fire panel has a trouble alarm flashing:** had a elevator trouble on panel same panel as NRRRC. Someone had disconnected the elevator power monitor. We tested the wire and reconnected. The panel went normal.

- The fire door between ELC and NRRC did not release off magnet: changed programming to activate off either ELC or NRRC
- There was no alarm received on the Heating Plant panel: Goes to computer not panel some go to panel but the new building on the network go to computer
- Close doors and leave unlocked (if possible)
- Close windows

Health Science Building (HSB) – September 23, 2024

- **Evacuation must be immediate and all individuals must evacuate**
- The fire panel has a trouble alarm flashing: had duct detector no reply had to unwire key switch that wasn't needed and trouble cleared panel back to normal
- The alarm in the conference room on first (1st) floor was very low and hard to hear
- Close doors and leave unlocked (if possible)
- Close windows

Highlands College – September 24, 2024

- **Evacuation must be immediate and all individuals must evacuate**
- Fire panel tag indicated Summit Fire inspected panel last in 2023
- Close doors and leave unlocked (if possible)
- Close windows
- Fire Department recommendations:
 - Install an information sign above/below the fire department connection (FDC) that states "services only trades area of building" or something similar
 - Get Knox Box for building
 - Install a sign on door of 131 F "Main Fire Panel"

HPER Complex – September 23, 2024

- **Evacuation must be immediate and all individuals must evacuate**
- Fire doors need to be closed – doors in the basement (south side) were left open
- The fire panel has a trouble alarm flashing: panel was normal upon arrival
- Alarm was received on Heating Plant panel and reset
- Close doors and leave unlocked (if possible)
- Close windows

Library/Auditorium – September 23, 2024

- **Evacuation must be immediate and all individuals must evacuate**
- **Fire doors on the first (1st) and second (2nd) floors did not close**
- **The fire panel has a trouble alarm flashing:** Had a dirty duct detector had to clean out panel back to normal. The duct detector was active as was the relay that is supposed to shut down the AHU. All our equipment worked, however the AHU did not shutdown. An HVAC tech will have to investigate as to why. Panel was normal when we left.
- **Occupants of the building were instructed to assemble at Assembly Area #2 or #3 and not in front of the main doors**
- Close doors and leave unlocked (if possible)
- Close windows

Main Hall – September 23, 2024

- **Evacuation must be immediate and all individuals must evacuate**
- **The fire panel has a trouble alarm flashing:** panel was normal upon arrival
- **Audible alarms received on Heating Plant panel, but no display:** Panel some go to panel but the new building on the network go to computer
- Close doors and leave unlocked (if possible)
- Close windows

Mill Building – September 23, 2024

- **Evacuation must be immediate and all individuals must evacuate**
- Alarm was received on Heating Plant panel and was reset
- Close doors and leave unlocked (if possible)
- Close windows

Mining & Geology Building (MG) – September 23, 2024

- **Evacuation must be immediate and all individuals must evacuate**
- **Fire doors need to be closed – second (2nd) floor fire door was propped open**
- **The fire panel has a trouble alarm flashing:** panel was normal upon arrival **SIMPLEX panel**
- Alarm was received on Heating Plant panel and was reset
- Close doors and leave unlocked (if possible)
- Close windows

Museum Building (MUS) – September 23, 2024

- **Evacuation must be immediate and all individuals must evacuate**
- **The fire panel has a trouble alarm flashing:** Panel Normal upon arrival
- Police showed up after drill – the glass break alarm when off in Mineral Museum
- Close doors and leave unlocked (if possible)
- Close windows

Natural Resources Building (NRB) – September 23, 2024

- **Fire alarm system is not working:** Edwards Panel will need a new panel. Building should be on FIREWATCH. Panel should be replaced immediately.

Natural Resource Research Center (NRRC) – September 23, 2024

- **Evacuation must be immediate and all individuals must evacuate**
- **The fire panel has a trouble alarm flashing:** Had a elevator monitor trouble some one unwired our relay took a picture and rewired in and got panel back to normal
- **The fire door between NRRC and ELC did not release off magnet:** Programmed so would release on ELC or NRRC fire alarm
- **There was no alarm received on the Heating Plant panel:** Goes to computer not panel some go to panel but the new building on the network go to computer
- Close doors and leave unlocked (if possible)
- Close windows

Prospector Hall – September 23, 2024

- **Evacuation must be immediate and all individuals must evacuate**
- **The audio/visual alarm on third (3rd) floor, north wing, are not working**
- **Fire doors on second (2nd) floor are not closing completely**
- Alarm was received on Heating Plant panel and reset
- Install a magnetic closing door device on the laundry room/kitchen door
- Close doors and leave unlocked (if possible)
- Close windows
 - Fire Department recommendations (from 2023):
 - i. Install “stair” sign on first floor of both wings to identify the stairs from the hallway
 - ii. Install a “raiser room sign with arrow” around the FDC so fire fighters know where the raiser room is for Prospector Hall

Science and Engineering Building (S&E) – September 23, 2024

- **Evacuation must be immediate and all individuals must evacuate**
- Fire doors on first (1st) floor west entrance got stuck on rug and didn't close
- Fire doors on the second (2nd) floor, north and south doors, didn't close
- The fire panel has a trouble alarm flashing: panel was normal upon arrival
- Audible alarm received on Heating Plant panel
- Close doors and leave unlocked (if possible)
- Close windows

Student Success Center (SSC)/Living Learning Center (LLC) – September 13, 2023

- **Evacuation must be immediate and all individuals must evacuate**
- Fire door on the first (1st) floor, south wing, didn't close
- Fire door on the second (2nd) floor, south side, didn't close – got stuck on the tile
- There was no alarm received on the Heating Plant panel: Goes to computer not panel some go to panel but the new building on the network go to computer
- Close doors and leave unlocked (if possible)
- Close windows

Student Union Building (SUB) – September 23, 2024

- **Evacuation must be immediate and all individuals must evacuate**
- Alarm was received on Heating Plant panel and reset
- Close doors and leave unlocked (if possible)
- Close windows

University Relations Center (URC) – September 23, 2024

- **Evacuation must be immediate and all individuals must evacuate**
- The fire panel has a trouble alarm flashing: GE Vigilant FA Panel
- Alarm very quiet – on first (1st) and second (2nd) floors
- No pull stations in the building
- No alarm/visual strobes installed inside the building (alarms installed only in the stairways of the building)
- There was no alarm received on the Heating Plant panel: not reporting anywhere

- Close doors and leave unlocked (if possible)
- Close windows

Campus recommendations from the Fire Department:

- A fire line needs to be painted in red on the curb 15 feet (7.5 feet in both directions of the fire hydrant(s)) to keep it clear and accessible (if needed)
- The fire department connection (FDC) needs to be visible and accessible to fire fighters – remove plants, bushes, trees, etc. around connections (if needed)

