

T@M Weekly: November 13th



T@M Weekly at a Glance

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Teach@Mines News

TEA Meeting 11/14 – TA Appreciation Night:

Join TEA at their next meeting on **Thursday, November 14th in MZ 126 from 5:00 - 6:30PM.**

This will be for TAs to network with each other and build community as well as for our organization to give thanks and gift bags to the great work TAs are doing on campus!

Mines welcomes individuals with disabilities. If you require an accommodation in order to participate in this event, please contact Katrina Ngo at kngo@mines.edu. Advance notice may be necessary to arrange for some accessibility needs.

Spring STEM Teaching Electives for CAS/HASS credit!

Check out teaching by taking a Teach@Mines course in Spring 2025! **Learn more [here](#).**

K-12 FIELD EXPERIENCE & BUILDING STUDENT RELATIONSHIPS (1-3 credits)

- SCED262/562- Experience a classroom setting firsthand and explore the benefits and challenges of modern K-12 education.

EDUCATIONAL PSYCHOLOGY AND ASSESSMENT

- SCED333/533 - Learn about the new science of learning that can be translated into exceptional teaching.
- CAS/HASS 300-level elective!

DYNAMIC TEACHING: Motivation, Classroom Management, Differentiation of Instruction

- SCED363/563 - Learn to teach in powerful ways that help ensure all students can learn.
- CAS/HASS 300-level elective!

COMPUTER SCIENCE TEACHING TECHNIQUES

- CSED435/535 - Learn CS-targeted instructional and pedagogical approaches for sparking curiosity in students.
- CS Elective!

MATHEMATICAL PRACTICES & THE SOCIAL CONTEXT OF MATH

- MAED405/505 - Learn to promote students' math identity and understanding of mathematical practices.

SCIENTIFIC PRACTICES VS. ENGINEER. DESIGN & THE NATURE OF SCIENCE

- SCED415/515 - Integrate the nature of science, scientific practices, and engineering design into your teaching.
- CAS/HASS 400-level elective!

Planning to take K-12 Field Experience, Capstone I or II in Spring 2025?

If you intend to take K-12 Field Experience (SCED262/562), Capstone I/Practicum (CSED/MAED/SCED464/564), or Capstone II/Student Teaching (CSED/MAED/SCED465/565) and have not already connected with the Teach@Mines team to plan your field placement, please contact us at teach@mines.edu.

Double Your Career Options - Become A Licensed Teacher!

Teach@Mines offers teacher licensure in Secondary Science (grades 7-12), Secondary Mathematics (grades 7-12), Middle Grades Mathematics (grades 6-8), and K-12 Computer Science. Licensure can be pursued through one of three pathways: by adding our minor, pursuing a Bachelor of Science with a focus on STEM teaching, or through a Master in STEM Education. **Read more about how you can add a teaching license to your degree [here](#).**

To learn more or to schedule an advising appointment, contact the Teach@Mines team at teach@mines.edu.

Scholarship Opportunities

Reimbursement Available for Praxis Tests

The [Praxis](#) Subject Assessment exam is a content area exam accepted for meeting content competency requirements for certain Colorado teaching license endorsements. **If you take a Praxis exam before the end of Spring 2025, Teach@Mines can reimburse you for the cost of your exam!** Praxis exam scores are good indefinitely unless CDE changes the endorsement requirements, so this is the time to take an exam to demonstrate your content knowledge. Learn more about the Praxis exam and endorsements [here](#). If you are interested in taking a Praxis exam, please contact the Teach@Mines team at teach@mines.edu.

Leadership & Travel Funds Available for Teach@Mines Students:

The Plutt fund was established for the purpose of providing support for leadership and travel funds for exceptional students with demonstrated financial need participating in the University Honors and Scholars Programs. The fund can be awarded in a variety of ways such as, but not limited to:

- Practicum
- Study Abroad
- Engaging in research in science or public affairs
- Public and community service
- Local, national, and international internships
- Immersive workshops, professional development, and training

You must be a Teach@Mines student to be eligible. Please find the application link [here](#). Be sure to indicate that you are applying from the Teach@Mines program.

Volunteer Opportunities

Looking for CS Education Service Hours?

Volunteer as a coding assistant during the Denver Public Schools Hour of Code Week (**December 9-13**). The Career and Technical Education and Educational Technology teams are working together to support school sites across DPS for an activity in computer science education. Sign up as a volunteer [here](#).

Unleash Your Passion for Teaching at Mines 2025 Academies for Young Mines Summer Camps

Mines is on the lookout for dynamic STEM Summer Camp instructors for 2025! Envision the possibilities as you collaborate with another T@M student or a T@M Mentor Teacher to craft and lead a week-long half-day or full-day camp tailored for K-8 students. These camps are scheduled for June and July 2025, promising a rewarding experience. Instructors not only receive financial compensation but also have the unique opportunity to plan and teach your own STEM camp.

If interested, submit a proposal including:

- A brief introduction including your names and snapshots of each instructor's teaching experience.
- A short description of your chosen camp theme or topic.
- An estimated budget outlining materials/supply costs, considering a maximum enrollment of 20 students.
- Specify your preferred week in June/July (excluding the week of July 4th) and decide whether your camp will be a four-day (Mon-Thurs) or five-day (Mon-Fri) and full or half-day in length.
- Your target grade level for your camp, choosing from K-2, 3-5, 4-6, 5-7, 6-8, and 7-8.

Don't miss this opportunity! Develop your own camp with other T@M students or T@M mentor teacher to inspire young minds in STEM. **Proposals accepted until December 15.** For questions or submissions, contact Rhonda Dvornak at te@mines.edu.

Job Opportunities

Open Position in SVVSD

St. Vrain Valley School District has an open [math position at Erie High School](#) for Spring 2025. Please reach out to SVVSD if you have questions.

Other Opportunities

CDE and TEACH Colorado Group Advising Sessions

The Colorado Department of Education's (CDE) Educator Career Navigation team and TEACH Colorado have partnered to provide regular group advising sessions for future classroom teachers, with some conversations geared toward specific teaching roles and others focused on different areas of the state. Visit the [TEACH Colorado Events webpage](#) for a full schedule of events.