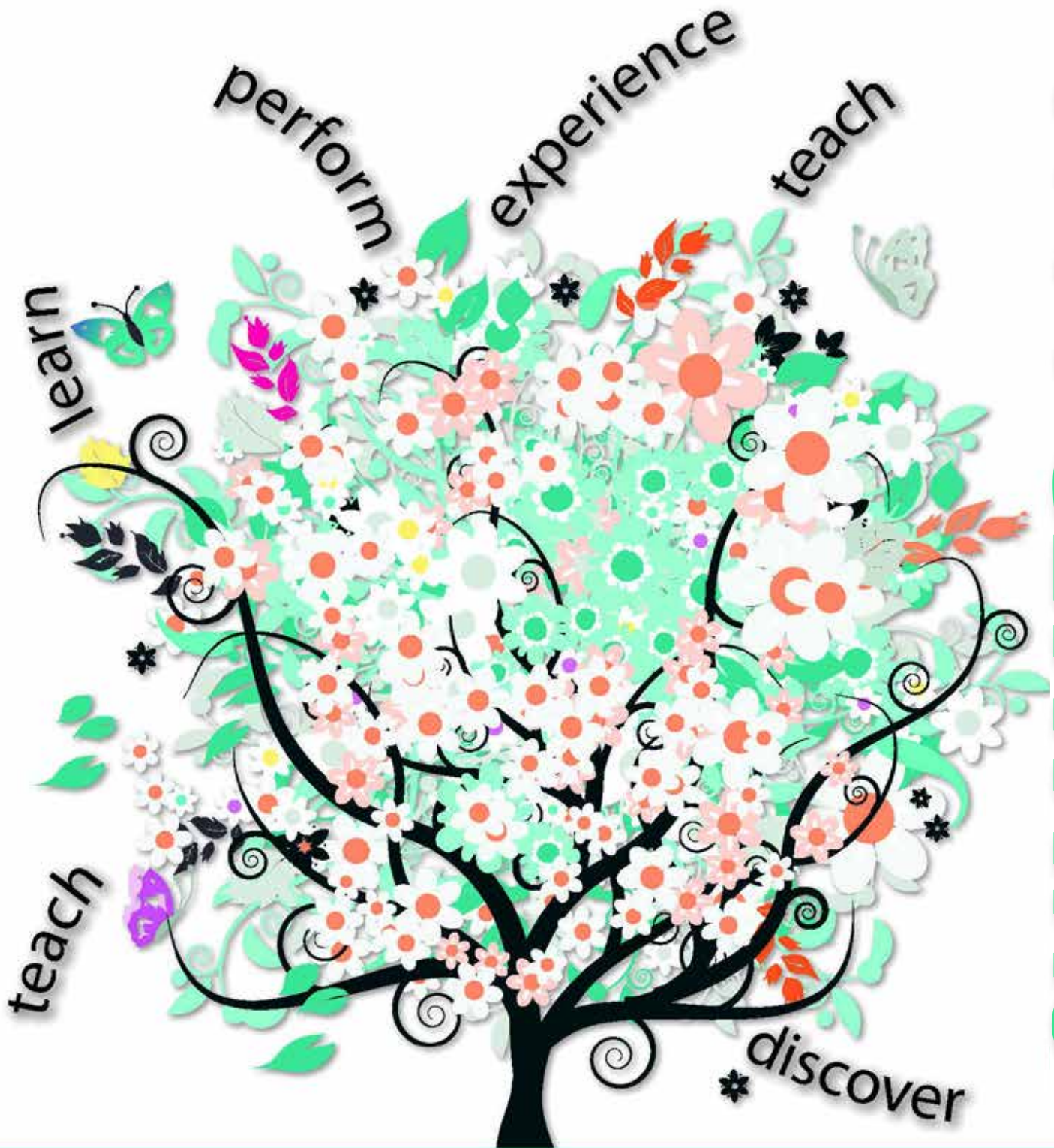


Teacher Enhancement Program for K-12 Educators

AT THE COLORADO SCHOOL OF MINES



SUMMER 2018

<http://te.csmspace.com>

COLORADO SCHOOL OF MINES

Teacher Enhancement Program

Summer 2018

REGISTRATION

All of the courses announced in this brochure are coordinated through the Office of Special Programs and Continuing Education at the Colorado School of Mines. **Unless another organization or individual is specified as the registration contact in a course listing, enrollment forms and tuition check(s) should be mailed to:**

Teacher Enhancement Program
Colorado School of Mines
1600 Jackson St., Ste. 190
Golden, CO 80401-0028
(303) 384-2692

Courses are added to our website often, to view the most up-to-date course listings or to order an official transcript, visit our home page at: te.csmspace.com

You must pre-register at least 48 hours prior to the start of a workshop (Saturday and Sunday excluded). Do not show up for a class without a confirmed registration from the Teacher Enhancement Office or person/organization taking the registrations. You are likely to be turned away by the instructor. CSM reserves the right to assign audit (non-credit) status with full tuition responsibility to walk-in participants.

TUITION AND REFUND POLICIES

Registration through Teacher Enhancement must be accompanied by full tuition payment by check or credit card authorization. If a course registrant cancels or transfers an enrollment, the tuition amount **minus** a \$25 cancellation/transfer fee will be refunded or applied to another course. Unless otherwise indicated, you must cancel at least 48 hours in advance of a workshop to qualify for a refund (Saturday and Sunday excluded). **Once a class has begun, no full or partial tuition refunds will be granted.** Colorado School of Mines reserves the right to cancel a course (usually one week prior to delivery) if the minimum enrollment is not reached (with full tuition refund to registrants). Colorado School of Mines and the Teacher Enhancement Office will not be liable for any other expenses incurred by registrants.

When paying tuition by check, please make out a **separate** check to "CSM Continuing Education" for **each** course and for **each** participant.

ATTENDANCE POLICY

Course participants are expected to attend each class session in its entirety. This includes arriving on time and staying until dismissal. Credit will be granted for a course only when the full contact hour requirements have been met. Missed sessions of a course cannot be made up by attending subsequent offerings of the same class or by completing additional assignments. In consideration of the instructor and other course registrants, **DO NOT** bring children of any age to class under any circumstances.

TRANSCRIPT AND CREDIT INFORMATION

The Teacher Enhancement Office and Colorado School of Mines cannot be responsible for meeting individual deadlines for credits toward teacher licensure and/or salary increases. Official transcripts for current course work can be printed upon written request approximately two weeks after the instructor submits course grades to the Teacher Enhancement Office. Individual letters of completion are not available. We are unable to give you any information via phone or email on what courses appear on your transcript due to FERPA. Graduate-level semester credit offered for each course is applicable for license renewal in the State of Colorado and is generally accepted elsewhere. The credit is not applicable toward a degree at CSM. Request for Transcript of Record forms can be found at <http://te.csmspace.com>.

All policies and requirements stated above are program-wide and not at the discretion of individual instructors. Enrollment in any course offered for CSM credit implies your agreement to comply with program policies and requirements.

Summer 2018 Course Offerings

PRINCIPLES AND FOUNDATIONS FOR ENVIRONMENTAL EDUCATION ONLINE (K-12)

CT-1216-18M
2 semester credit hours
Dates: June 4-August 8
Instructor: Katie Navin
Tuition Fee: \$95 (**payable during workshop**)
Registration Fee: \$135 CAEE members, \$175 non-members

Explore the history and goals of environmental education; develop an understanding of the professional roles and instructional methods of environmental educators; and interact with other educators online. Become eligible to submit your work for certification in CAEE's certification program for a discount.

To register or for more information, contact:

Katie Navin, CAEE
303/273-9527, director@caee.org
www.caee.org

AGRICULTURE 101 (K-12)

CT-1735-18D
1 semester credit hour
Dates: June 12-13
Time: 8:00am-4:30pm
Location: van pool from Boulder Cty. Fairgrounds
Instructor: varies
Course Coordinator: Sharon Bokan, 303/678-6176 or sbokan@bouldercounty.org
Tuition Fee: \$75

Discover the multi-facet approach to agriculture, including what is involved in growing food, the history of agriculture, and conservation efforts on farm and ranch lands. Classroom activities will be provided that can be used in your classroom. Learn the interactions that occur between the soil, plants, animals, and the environment and how farmers and ranchers use these interactions for food production and the economics and risks of farming.

To register, mail the enrollment form and full tuition amount to the CSM Teacher Enhancement Office.

ALL ABOUT MINING HYBRID COURSE (K-12)

CT-5700-18D
6 semester credit hours
Dates: June 14-22
Time: 8:00am-mid/late afternoon (except on full-day field trips)
Location: online, CSM campus, and field trips
Instructors: various speakers
Course Coordinator: Shannon Mann, 720/250-6635
Tuition Fee: \$300

Gain a detailed overview of America's modern mining industry, answering important questions such as: What does the mining industry really do? How does the mining industry function? Why is mining important to America's society? Visit the website for more information on course requirements.

To register or for more information, contact:

CMA Education Foundation, Inc.
303/575-9199, coordinator@allaboutmining.org
www.allaboutmining.org

CUBA: ITS COUNTRY, CULTURE, AND PEOPLE (K-12)

CT-1718-18D
3 semester credit hours
Dates: June 17-24
Location: Havana & Pinar del Rio, Cuba
Instructor: Elena Sodano, 303/204-8470 or sodano@mac.com
Tuition Fee: \$135 (**payable during trip**)
Registration Fee: \$2,990 (includes airfare, meals, lodging, ground transportation, entrance fees)

Discover Cuba, a mid-century time capsule where 1950's American autos and abandoned Soviet investments clash. Colonial architecture, UNESCO heritage sites, dramatic valleys, pristine beaches, and untouched rural communities are just a few reasons why Cuba is fascinating. Combine all this with Cuba's people to create the perfect educational and cultural experience. The State Department's new restrictions on travel to Cuba does not impact this educational trip in any manner.

To register:

Eli Arroyo Allen, Your Cuba Travel
910/635-6955 or eli@yourcubatravel.com

WASTEWATER AND RENEWABLE RESOURCES (K-12)

CT-1215-18D
0.5 semester credit hour
Date: June 21
Time: 8:00am-5:00pm
Location: Metro Wastewater Reclamation District, Denver
Instructor: Alicia Gilley
Course Coordinator: Kelley Merritt
Tuition Fee: no charge (you must pre-register)

Learn the science behind wastewater treatment. Highlight the biosolids management process, including land application of solid materials, and the production of electricity. Tour the 52,000 acre METROGRO Farm, a wastewater treatment facility, and a working laboratory.

To register or for more information, contact:

Kelley Merritt, Metro Wastewater Reclamation District
303/286-3455 or kmerritt@mwr.dst.co.us

CLIFF DWELLINGS AND VOLCANOES OF NEW MEXICO (K-12)

CT-1031-18D
1 semester credit hour
Dates: June 23-24
Location: meet in Pueblo; drive to NM
Instructor: Melanie Phelps
Tuition Fee: \$155

Experience the volcanoes of New Mexico and the Bandelier ruins of the ancient Pueblo Indians who tunneled their homes into volcanic tuff cliffs. See the youngest volcanic fields in the continental U.S., with cinder cones, a massive caldera, radial dikes, and more. Discover the Rio Grande Rift, which causes the volcanoes as North America is being stretched apart. Learn the history of southern Colorado coal mines and labor wars, and tour the site of the Ludlow Massacre.

To register or for more information, contact:

Melanie Phelps, 719/252-1789
melaniephe@aol.com
www.coloradorivertrip.com

RUINS AND VOLCANOES OF NEW MEXICO II (K-12)

CT-1402-18D
2 semester credit hours
Dates: June 25-28
Location: meet in Santa Fe, NM
Instructor: Melanie Phelps
Tuition Fee: \$335 (includes entrance fees, credit)

Explore the history of Santa Fe, a trading hub of Old Mexico. Hike through Petroglyph National Monument where the ancient natives etched 15,000 petroglyphs into the black basalt. Continue to El Malpais to explore lava tubes, pahoehoe, aa, cinder cones, craters, and calderas. Seek out the peacefulness of Chaco Canyon, one of the largest trade centers of the Ancient Pueblo Indians.

To register or for more information, contact:

Melanie Phelps, 719/252-1789
melaniephe@aol.com
www.coloradorivertrip.com

BLACK CANYON OF THE GUNNISON: SECRET GEM OF THE WEST (K-12)

CT-0557-18D
1 semester credit hour
Dates & Times:
June 26 (8:00am-5:00pm)
June 27 (7:30am-3:00pm)
Locations: Montrose to Delta
Instructor: Tonya MacKendrick
Tuition Fee: \$55 (**payable during workshop**)
Registration Fee: \$90 (meals, lodging, and transportation on your own)

Trace the importance of the Gunnison River as it carved the spectacular views and canyons of the Black Canyon of the Gunnison. Explore the living history of Fort Uncompahgre, followed by a breathtaking guided boat ride at Curcanti National Park on Morrow Point Lake. Class includes a 1 1/2 mile round trip hike and over 200 steps.

To register or for more information, contact:

Tonya MacKendrick, 970/216-2326
Tmackendrick530@gmail.com
www.wcoloradohistoricadventures.weebly.com

BLACK HILLS: MAMMOTHS, MONUMENTS, AND WARS (K-12)

CT-1428-18M
2 semester credit hours
Dates: July 2-6
Location: meet in Scotts Bluff, NE
Instructor: Melanie Phelps
Tuition Fee: \$420 (includes entrance fees and tuition)

Retrace the Oregon Trail near Scotts Bluff, Nebraska. Explore giant land mammals at Agate Fossil Beds, and solve the ancient mystery of an ancient bog where only male mammoths died. Discover the wonders of South Dakota: Custer State Park, Badlands, Mt. Rushmore, Crazy Horse, and The Little Bighorn, then wind your way through caves, and discover the secrets of Black Hills gold. In Wyoming, tour a bison cliff kill site, and the giant columns of Devil's Tower.

To register or for more information, contact:

Melanie Phelps, 719/252-1789
melaniephe@aol.com
www.coloradorivertrip.com

WASTEWATER AND AQUATIC BIOLOGY (K-12)

CT-1082-18M
0.5 semester credit hour
Date: July 11
Time: 8:00am-5:00pm
Location: Metro Wastewater Reclamation District, Denver
Instructor: Steve Lundt
Course Coordinator: Kelley Merritt
Tuition Fee: no charge (you must pre-register)

Receive an introduction to the science behind wastewater treatment. Learn industry efforts to preserve, protect, and improve aquatic environments while protecting public health. Tour a wastewater treatment facility, a water quality laboratory, and visit a river site with the Metro District's water quality scientist.

To register or for more information, contact:

Kelley Merritt, Metro Wastewater Reclamation District
303/286-3455 or kmerritt@mwr.dst.co.us

SKY ABOVE, WATER BELOW: COLORADO RIVER I & II (K-12)

CT-1507-18M
2 semester credit hours
Dates & Times:
Lecture: July 12 (12:30pm-8:30pm)
Canoe Trip: July 14-16
Locations: Sommers-Bausch Observatory, Boulder (lecture)
Instructor: Sanlyn Buxner
Tuition Fee: \$499

Get away from city lights and explore magnificent canyons and deep sky objects on a canoe trip on the Colorado River. Learn to find objects in the sky and discover how scientists study planets, stars, and galaxies. Learn how the Earth helps us make claims about far away worlds, including the possibility of life. Conduct your own research project in the field and discuss how classroom investigations support the Next Generation Science Standards.

To register or for more information, contact:

Centennial Canoe Outfitters, 720/283-0553
brooke@centennialcanoe.com
www.centennialcanoe.com

THE GRAND CANYON OF THE COLORADO – THE ULTIMATE RIVER EXPEDITION (K-12)

CT-0428-18M
3.5 semester credit hours
Dates: July 12-18
Location: Grand Canyon
Instructor: Melanie Phelps
Tuition Fee: \$3,115

Experience the stunning geology of more than two billion years of earth history as you whitewater raft through some of the world's most famous rapids. Includes 6.5 days on a motorized raft, helicopter airlift to the rim, flight on a twin engine plane, and all food. This is the ultimate river trip.

To register or for more information, contact:

Melanie Phelps, 719/252-1789
melaniephe@aol.com
www.coloradorivertrip.com

**INTRODUCTION TO CITIZEN SCIENCE ONLINE
(K-12)**

CT-1430-18M
2 semester credit hours
Dates: July 13-August 13
Instructors: Jean Bryan, Jessamine Finch
Tuition Fee: \$95 (**payable during workshop**)
Registration Fee: \$70

Receive an overview of citizen science, highlighting several existing programs that are targeted towards educators. Explore these programs, including how to participate, suggestions for structuring your involvement, and identify activities to engage your students, as well as forming a community with other educators.

To register or for more information, contact:

Jean Bryan, Chicago Botanic Garden
847/835-6945 or jbryan@chicagobotanic.org

**DINOSAUR RIDGE TEACHERS' WORKSHOP
(K-12)**

CT-9206-18M
1 semester credit hour
Dates: July 16-17
Time: 8:30am-5:00pm
Location: Dinosaur Ridge Discovery Center, Morrison
Instructors: Pete Modreski, Norb Cygan
Tuition Fee: \$130

Experience an in-depth orientation to the dinosaur bones and tracks found on Dinosaur Ridge near Morrison, and learn how to use them as a resource for teaching. Visit the Trek Through Time Learning Center, the Morrison Natural History Museum, and the Triceratops Trail interpretive site in Golden.

To register, mail the enrollment form and full tuition amount to the CSM Teacher Enhancement Office.

**COLORADO PLATEAU: A MIRROR OF MARS
(K-12)**

CT-1800-18M
3 semester credit hours
Dates & Times:
Lecture: July 23 (9:00am-5:00pm)
Canoe Trip: July 25-29
Locations: The lecture will be held at CSM. The trip will begin and end in Moab, UT.
Instructor: Ed Adams
Tuition Fee: \$798

Field trips to Mars are still quite difficult, but travel to the Colorado Plateau is easy. As observations of the Martian surface become more robust structures look tantalizingly familiar. It is possible that the desert of the Colorado Plateau has experienced a similar climate and geologic process. Cane down the Green River in central Utah looking at areas that seem to be analogous to what we are seeing on Mars.

To register or for more information, contact:

Brooke Ranney, Centennial Canoe Outfitters
720/283-0553 or brooke@centennialcanoe.com
www.centennialcanoe.com

ROCKS AND MINERALS (K-12)

CT-9666-18M
1 semester credit hour
Dates: July 23-24
Time: 8:00am-5:00pm
Location: CSM campus, Golden
Instructors: Pete Modreski, Jane Dianich
Tuition Fee: \$110

Learn or review the basics of rocks and minerals in dynamic and interactive ways in order to engage your students to learn about them. Examine specimens, do activities, and tour the CSM Geology Museum. See complementary "Walking Tour of Building Stones" field course below.

To register, mail the enrollment form and full tuition amount to the CSM Teacher Enhancement Office.

**WALKING TOUR OF BUILDING STONES IN
DENVER (K-12)**

CT-04131-18M
0.5 semester credit hour
Date: July 25
Time: 8:30am-5:00pm
Location: Downtown Denver
Instructors: Pete Modreski, Jane Dianich
Tuition Fee: \$80

Learn about rocks and geology as you tour historic Denver buildings in the vicinity of the State Capitol, Denver City and County Building, and the 16th Street Mall. Receive a copy of a field guide written specifically for school groups. See the complementary "Rocks and Minerals" class above.

To register, mail the enrollment form and full tuition amount to the CSM Teacher Enhancement Office.

OCEAN LITERACY (K-12)

CT-0710-18M
0.5 semester credit hour
Date: July 26
Time: 9:00am-5:00pm
Location: Downtown Aquarium, Denver
Course Coordinator: Colleen Shipley, 303/561-4565
Tuition Fee: \$40 (**payable during workshop**)
Registration Fee: \$75 (includes admission, materials, parking & snacks)

Even though Colorado is not near an ocean, we are tied to it in many ways. Ocean literacy is an understanding of the ocean's influence on you, and your influence on the ocean. Learn the 7 essential principles of ocean literacy through interactive lessons and visiting the Aquarium residents. Registrations close 2 weeks prior to the start date.

To register or for more information, contact:

Downtown Aquarium Ed. & Group Sales
303/561-4444

**ALASKA: GLACIERS, GOLD, AND GRIZZLIES
(K-12)**

CT-1304-18M

6 semester credit hours

Dates: July 27-August 11

Location: Alaska

Instructor: Melanie Phelps

Tuition Fee: \$5,705 (includes some airfare, ferry, tours,
lodging, ground transportation, credit)

Explore Alaska's towering mountains with sparkling deep blue glaciers, fjords, whales, grizzlies, sea lions, and rookeries. Cruise the Inland Passage on the Marine Alaska Highway Ferry. Tour Ketchikan Totem Pole Park, Glacier Bay, Kenai Fjords, Denali, and Lake Clark to see fishing grizzlies. Price may vary slightly based upon air and ferry fares.

To register or for more information, contact:

Melanie Phelps, 719/252-1789

melaniephe@aol.com

www.coloradorivertrip.com

EcoAdventure Course Offerings

Note: Register for EcoAdventure courses through EcoAdventures. See box on next page.

WILDFLOWERS OF THE ROCKIES (K-12)

CT-9613-18D

1 semester credit hour

Dates & Times:

June 9 (9:00am-5:00pm)

June 10 (9:00am-4:00pm)

Location: EcoAdventures, Morrison

Instructor: Pam Batton

Tuition Fee: \$165 (**\$185 after May 24th**)

Spend time in the wildflowers as you explore a variety of elevations and identify and discover interesting botanical facts, uses, myths and legends about wildflowers. Experience “botany in a bowl,” a creative activity to help kids understand the basics of botany.

EARLY EXPLORERS OF THE ROCKY MOUNTAINS (K-12)

CT-0518-18M

1 semester credit hour

Dates & Times:

July 7 (9:00am-5:00pm)

July 8 (9:00am-4:00pm)

Location: EcoAdventures, Morrison

Instructor: Trey Corkern

Tuition Fee: \$165 (**\$185 after June 21st**)

Discover the history of soldiers, trappers, priests, and spies in the Rocky Mountains. Use botany, zoology, cartography, journaling, geometry, and celestial navigation to keep up with the likes of Zebulon Pike, Father Escalante, and Kit Carson. Go home with field specimens.

SWEET WITH A STING: THE NATURAL HISTORY OF HONEYBEES (K-12)

CT-0519-18M

1 semester credit hour

Dates & Times:

July 9 (9:00am-5:00pm)

July 10 (9:00am-4:00pm)

Location: EcoAdventures, Morrison

Instructor: Pam Batton

Tuition Fee: \$160 (**\$180 after June 21st**)

Peer into a glass hive and learn about the natural history of honeybees and their relatives. Examine the life cycle and jobs of a hive bee. Watch field bees in action as they pollinate flowers and do the “waggle dance.” Take a field trip to a bee yard to learn about a beekeeper’s daily activities.

THE UTE - A NATIVE AMERICAN WAY OF LIFE IN THE ROCKIES (K-12)

CT-95106-18M

1 semester credit hour

Dates & Times:

July 24 (9:00am-5:00pm)

July 25 (9:00am-4:00pm)

Location: EcoAdventures, Morrison

Instructor: Pam Batton

Tuition Fee: \$165 (**\$185 after July 5th**)

Discover the history of the people of the shining mountains - Ute. Get a campsite up and running; learn the basics of ancient skills used in everyday life; try your hand at fire building, cooking, sewing, beading, twining, tanning and flint knapping.

MOOSE IN COLORADO (K-12)

CT-0922-18M

1 semester credit hour

Dates & Times:

July 26 (1:00-9:00pm)

July 27 (7:00am-3:00pm)

Location: near Granby, Rand, Gould

Instructor: Pam Batton

Tuition Fee: \$160 (**\$180 after July 5th**)

Go to moose country for a wildlife watching opportunity with fun moose information and viewing equipment. Discover why an animal often described as a “conglomeration of parts” is so well suited to the wetland environments it inhabits. Moose also weave a unique wildlife management story. Camp or stay at a local hotel near Granby.

DUST ON OUR BOOTS: COWBOYS OF COLORADO (K-12)

CT-1721-18M

1 semester credit hour

Dates & Times:

July 28 (9:00am-5:00pm)

July 29 (9:00am-4:00pm)

Location: EcoAdventures, Morrison

Instructor: Trey Corkern

Tuition Fee: \$160 (**\$180 after July 10th**)

Mount up, and discover who the cowboys were, how they did their jobs, and why they became the romantic symbol of self-reliance in the American west. Discuss the caballeros, bull-doggers, cow-punchers, and desperados. Try your hand at branding, roping, gambling, and making a chuck wagon dinner.

TAMING THE FRONTIER: COLORADO'S PIONEERS AND HOMESTEADERS (K-12)

CT-1125-18M

1 semester credit hour

Dates & Times:

August 4 (9:00am-5:00pm)

August 5 (9:00am-4:00pm)

Location: EcoAdventures, Morrison

Instructor: Trey Corkern

Tuition Fee: \$160 (**\$180 after July 19th**)

How did men, women, and children cross an ocean of prairie to build homes and communities? Make sausage, plant heirloom seeds, and make cheese. Learn how to shoe a horse, pack a wagon, and harness draft animals. Visit a working homestead.

To register, mail the CSM enrollment form along with a check payable to EcoAdventures to:

**EcoAdventures
5894 South Meadow Drive
Morrison, CO 80465
303/697-0327, Fax 303/697-0329**

Registration/Cancellation/Refund Policy

If payments have not been received by the registration deadline (2 ½ weeks before the class), EcoAdventures reserves the right to charge a late registration fee of \$10.00 or delete you from the class and allow a person from the waiting list to take your spot.

If you notify us of a cancellation before the registration deadline, we will refund your tuition less a \$25.00 cancellation fee. If you cancel after the registration deadline, we will refund your tuition less a cancellation fee of \$35.00. If you cancel 48 hours before a class begins, we will refund half of your tuition. If you cancel 24 hours before a class begins or on the day of class or are a no-show to class, no refund will be offered. These fees also apply to class transfers.

Denver Museum of Nature & Science Course Offerings

Note: Register for Museum courses through the Museum. See box below.

FOOTHILLS TO TUNDRA: BIOMES & ECOSYSTEMS OF ROCKY MOUNTAIN NATIONAL PARK (K-12)

CT-1819-18F

2 semester credit hours

Dates:

June 2 (lecture)

June 27-29 (field portion)

September (classroom implementation)

Time: 9:00am-4:00pm (lecture)

Instructors: Tim Blesse, Katie Wolfson

Tuition Fee: \$85

Registration Fee: \$300 (accommodations extra, see website)

Rocky Mountain Park has a century-long tradition of being a living laboratory for understanding human impact on the environment. Observe and learn about the impacts of climate change on Colorado's mountain ecosystems. You should be in average physical condition and able to walk 1-2 miles over uneven surfaces at higher altitudes.

INQUIRY ACADEMY 2.0: THE LANGUAGE OF INQUIRY HYBRID COURSE (GR. 6-12)

CT-1736-18F

3 semester credit hours

Dates: June 11-October 14

June 11-13 (8:00am-3:30pm)

October 13 (8:00am-3:00pm)

September 3-October 14 (online portion)

Instructor: Tim Blesse

Tuition Fee: \$300 (includes credit, materials, and meals)

Take wonder to the next level. Learn that literacy is not just "one more thing to teach" but a powerful tool to strengthen your science and social studies instruction without sacrificing the excitement and deep thinking that comes from direct experiential learning. Professional scientists and social scientists use reading, writing, and discourse to achieve their goals every day. The face-to-face and online coursework focuses on how your students can enrich their learning and sense-making using nonfiction text, scientific writing, graphic literacy, and productive discourse. Have fun as you observe, practice, plan, and implement research-based strategies that support and enrich all learners.

To register or for more information, contact:
Denver Museum of Nature & Science

www.dmns.org/teachers/professional-development/courses-and-academies/

303/370-6000 Monday-Friday 9am-5pm

Questions: teacherprograms@dmns.org

Project WILD - Project Learning Tree - WET

Projects WILD and Learning Tree are supplemental, interdisciplinary environmental education programs emphasizing wildlife, forest and water resources, and our interdependence with the natural world. Using hands-on activities that create awareness, appreciation, understanding, skills and commitment, you and your students learn to address environmental issues within the framework of your existing curriculum. You will receive activity guides, posters, prizes, and other supplemental materials.

All Project WILD and Learning Tree PreK-12 activities have been correlated to the Colorado Model Content Standards for Science, Math, Geography, History, Reading and Writing. Spanish translations of activities are available for Project Learning Tree and Project WILD. New PLT materials are available for integrated middle and high school curricula.

Following is a list of upcoming workshops. **Pre-register by calling the person listed and sending in the non-refundable registration fee at least 7 days prior to the first day of the workshop (unless otherwise noted). Tuition will be due on the first day of the workshop. Please register through the person listed, not through the Colorado School of Mines.** Workshops may be cancelled one week before the start date if minimum enrollment numbers have not been met. Other dates may have been added; call for updated workshop listings.

LOOK WHAT'S HERE (K-12)

CT-1817-18D

2 semester credit hours

Dates & Times: June 19-21 (8:00am-5:00pm) & June 22 (8:00am 2:30pm)

Locations: Cotopaxi, Buena Vista, Leadville

Instructor: Tracy Predmore

Tuition Fee: \$95 (**payable during workshop**)

Registration Fee: \$55 before 5/31/18; \$65

Offered by the Colorado Parks & Wildlife and Upper Arkansas TEN, look at natural settings of the Upper Arkansas region to showcase environmental and hands-on activities to use with your students in the field and classroom. Fire, wildlife management, geology, and the outdoor classroom will be highlighted.

To register or for more information, contact:

Tracy Predmore

719/227-5207 or tracy.predmore@state.co.us

AQUATIC PROJECT WILD (K-12)

CT-9684-18M

0.5 semester credit hour

Date: July 25

Time: 9:00am-5:00pm

Location: Downtown Aquarium, Denver

Tuition Fee: \$40 (**payable during each workshop**)

Registration Fee: \$35

Receive activities that emphasize an interdisciplinary approach to teaching about aquatic life. Using hands-on activities that create awareness, appreciation, understanding, skills, and commitment you and your students will learn to address environmental and aquatic topics within the framework of your existing curriculum.

To register or for more information, contact:

Downtown Aquarium Sales & Service Center

303/561-4444

For updated information:

Project WILD, 303/291-7165

Project Learning Tree, 303/278-8822

www.coloradoplnt.org

www.wildlife.state.co.us/Education

Fall 2018 Course Preview

PERSEVERING PIKA: SECRETS OF ALPINE SURVIVAL (K-12)

CT-1534-18F

0.5 semester credit hour

Date: September 1

Time: 8:30am-5:00pm

Location: Rocky Mtn. Conservancy, Estes Park

Instructor: Chris Ray

Tuition Fee: \$40 (**payable during workshop**)

Registration Fee: \$80

Have you ever wondered how non-hibernating animals like yourself might fare trying to survive in the alpine year-round? Watch the American pika demonstrate its survival strategy. Pikas and their hibernating neighbors, yellow-bellied marmots, chipmunks, and squirrels, are easy to watch in the summer and fall as they forage among the alpine wildflowers. Learn how to spot different animals behaviors that provide clues to how each survives the long, cold winter.

To register or for more information, contact:

Rachel Balduzzi, Rocky Mtn. Conservancy

970/586-3262 or

Rachel.balduzzi@rmconservancy.org

Course Enrollment Form

Please Print

Full Name: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Social Security Number*: _____ Date of Birth: _____

Telephone: (school) _____ (home) _____

School: _____ Grade Level: _____

Email: _____

When CSM is the registration contact, I prefer to receive a confirmation letter by:

E-mail: _____

Fax; fax number: () _____

Mail ***required if taking course for credit**

Are you Hispanic/Latino? Yes/No

Select one or more:

_____ American Indian or Alaska Native

_____ Native Hawaiian or Other Pacific Islander

_____ Asian

_____ White

_____ Black or African American

Indicate the course(s) for which you are registering

Course #	Course Title	Course Dates	Tuition
CT-_____	_____	_____	_____
CT-_____	_____	_____	_____
CT-_____	_____	_____	_____
CT-_____	_____	_____	_____
CT-_____	_____	_____	_____

Total: _____

Please follow carefully the specific registration instructions which accompany each course listing in this catalog. When the Teacher Enhancement Program is the registration contact fill out the enrollment form and mail along with the tuition amount to the Colorado School of Mines Teacher Enhancement Program. Please send a separate check for each course, and for each participant. Do NOT mail this form to us unless we are listed as the registration contact!

Make checks payable to CSM Office of Continuing Education.

Mail check(s) and application form (unless otherwise noted in course listing) to:

CSM Teacher Enhancement Program

1600 Jackson St., Ste. 190

Golden, CO 80401

Phone: (303) 384-2692

<http://te.csmspace.com>