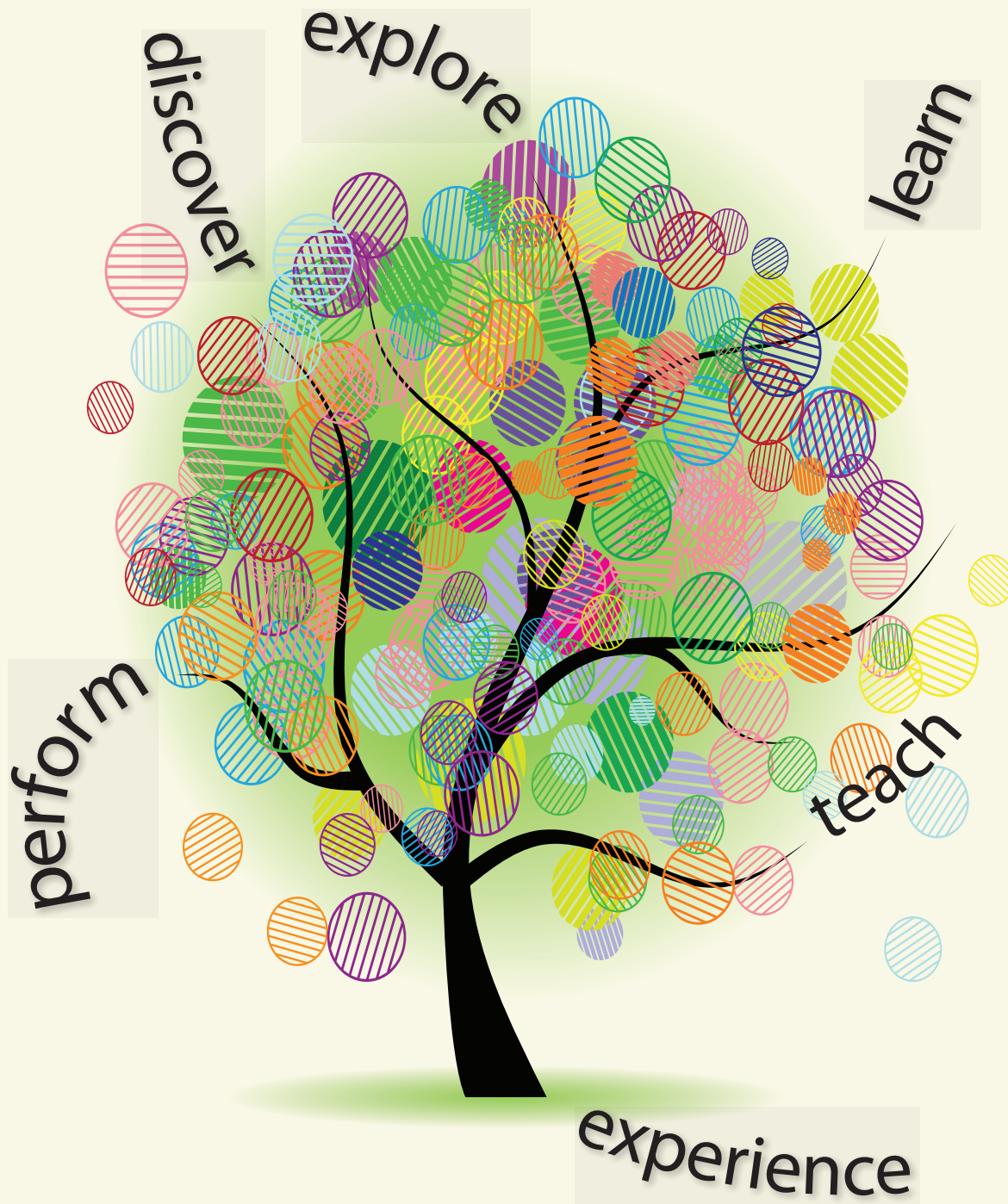


# Teacher Enhancement Program for K-12 Educators

AT COLORADO SCHOOL OF MINES



SPRING 2017

<http://te.csmspace.com>

# COLORADO SCHOOL OF MINES

## Teacher Enhancement Program

### Spring 2017

#### 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  
Office of Special Programs & Continuing Education  
Colorado School of Mines  
Golden, CO 80401-0028  
(303) 279-3855

**To view the most current teacher enhancement course listings, or to order an official transcript, visit our website at:**  
**<http://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.**

## Spring 2017 Course Offerings

### SANDHILL CRANES, SAND DUNES & HOT SPRINGS (K-12)

CT-1502-17S  
1 semester credit hour  
Dates: March 4-5  
Location: Alamosa  
Instructor: Melanie Phelps  
Tuition Fee: \$190 (includes entrance fees, credit)

View flocks of majestic Sandhill Cranes as they migrate through the wetlands near Alamosa. Hear their bugling call and watch their graceful mating dance. Learn about efforts to save the Whooping Crane and see many wetland birds. Learn the geology and tour the Sand Dunes and the Rio Grande Rift Zone.

**To register or for more information, contact:**

Melanie Phelps, 719/252-1789  
[melaniephe@aol.com](mailto:melaniephe@aol.com)  
[www.coloradorivertrip.com](http://www.coloradorivertrip.com)

### 2017 ADVANCING ENVIRONMENTAL EDUCATION CONFERENCE (PREK-12)

CT-1702-17S  
0.5-1 semester credit hour  
Dates: March 10-11  
Time: 8:00am-7:00pm  
Location: UC Denver  
Tuition Fee: \$50/\$65 (**payable during workshop**)  
Registration Fee: CAEE member \$100 one day, \$160 two days

This action-packed environmental conference (also known as Teaching Outside the Box) offers engaging speakers and sessions, networking, and discovering new ideas, and resources and techniques on environmental education for both inside and outside the classroom. The theme focuses on Inspiring Connections and Expanding Reach, for more information visit [www.cae.org](http://www.cae.org).

**To register or for more information, contact:**

Abby Knowlton, CAEE  
[info@caee.org](mailto:info@caee.org) or 303/273-9527

### MUSEUMS OF PARIS (K-12)

CT-04132-17S  
4 semester credit hours  
Dates: March 25-April 2  
Location: Paris, France  
Instructor: Joyce Webb  
Tuition Fee: \$3,970 (includes airfare, lodging, ground transportation, entrance fees, credit)

Visit the Louvre, Orsay, Rodin, and Picasso Museums plus tour Versailles. Climb Notre-Dame, cruise the Seine, zip up the Eiffel Tower, and saunter down the Avenue des Champs Elysees to the Arc de Triomphe. Capture the romance and joie de vivre that Paris exudes.

**To register or for more information, contact:**

Joyce Webb, 719/229-5482  
[joycewebb@ymail.com](mailto:joycewebb@ymail.com)  
[www.coloradorivertrip.com](http://www.coloradorivertrip.com)

### COYOTES: THE SONG DOGS OF THE WEST (K-12)

CT-1309-17S  
0.5 semester credit hour  
Date: March 25  
Time: 8:00am-4:00pm  
Location: Rocky Mtn. Conservancy, Estes Park  
Instructor: Jared Gricoskie  
Tuition Fee: \$40 (**payable during workshop**)  
Registration Fee: \$80

Coyotes are one of the most successful and resourceful predators. Explore the country's second largest canine's natural history, Native American stories, discovery by Lewis and Clark, and expansion to the east. Travel into RMNP to study coyote anatomy, habitat, social structure, and interactions with the ecosystem, prey, and mankind.

**To register or for more information, contact:**

Rachel Balduzzi, RMC  
970/586-3262 or  
[Rachel.balduzzi@rmconservancy.org](mailto:Rachel.balduzzi@rmconservancy.org)

### COLORADO HISTORY BY TRAIN: DENVER TO GLENWOOD (K-12)

CT-1303-17S  
1 semester credit hour  
Dates: April 8-9  
Location: Denver to Glenwood Springs  
Instructor: Melanie Phelps  
Tuition Fee: \$490 (includes train fare, lodging, tours, credit)

Ride one of the last passenger trains in America, the Amtrak, from Denver through the historic Moffat Tunnel, Winter Park, Gore Canyon, and into Glenwood Springs. Explore caves and soak in the soothing waters the Ute Indians believed had magical powers. Learn the history of Colorado railroads and how the West was tamed.

**To register or for more information, contact:**

Melanie Phelps, 719/252-1789  
[melaniephe@aol.com](mailto:melaniephe@aol.com)  
[www.coloradorivertrip.com](http://www.coloradorivertrip.com)

### NORTH WITH THE SPRING: BIRD MIGRATION (K-12)

CT-1308-17S  
0.5 semester credit hour  
Date: April 29  
Time: 8:00am-4:30pm  
Location: Rocky Mtn Conservancy, Estes Park  
Instructor: Jeff Maugans  
Tuition Fee: \$40 (**payable during workshop**)  
Registration Fee: \$80

April in the high country is a time when we welcome back birds that have spent the winter in warmer climates. Explore several locations in and around Estes Park and RMNP identifying as many species as possible by sight and sound, and learn about their natural history.

**To register or for more information, contact:**

Rachel Balduzzi, RMC  
970/586-3262 or  
[Rachel.balduzzi@rmconservancy.org](mailto:Rachel.balduzzi@rmconservancy.org)

### **100 YEARS OF ENVIRONMENTAL CHANGE (K-12)**

CT-1516-17S  
0.5 semester credit hour  
Date: May 5  
Time: 8:30am-4:30pm  
Location: Rocky Mtn Conservancy, Estes Park  
Instructor: Ellen Wohl  
Tuition Fee: \$40 (**payable during workshop**)  
Registration Fee: \$80

Receive an overview of the history of environmental change in the Park, emphasizing human-caused change. Discuss the history of mining, water engineering, recreational development and tourism, atmospheric inputs of dust and nitrates, wildlife management, and climate change in the context of protecting and restoring natural environments within the Park.

**To register or for more information, contact:**

Rachel Balduzzi, RMC  
970/586-3262 or  
[Rachel.balduzzi@rmconservancy.org](mailto:Rachel.balduzzi@rmconservancy.org)

### **PICKETWIRE DINOSAUR TRACKS BY MOUNTAIN BIKE (K-12)**

CT-0350-17S  
1 semester credit hour  
Dates: May 6-7  
Time: 8:00am-5:00pm  
Location: LaJunta  
Instructor: Melanie Phelps  
Tuition Fee: \$155 (includes credit)

Mountain bike 13-miles round trip to see a fossilized Jurassic beach containing over 1300 dinosaur tracks, some big enough to sit in. This important site showed scientists that dinosaurs were herding animals. Tour Old Bent's Fort and view stage coach ruts on the Old Stagecoach Trail. Learn Colorado history from the Jurassic to the Dust Bowl.

**To register or for more information, contact:**

Melanie Phelps, 719/252-1789  
[melaniephe@aol.com](mailto:melaniephe@aol.com)  
[www.coloradorivertrip.com](http://www.coloradorivertrip.com)

### **KNOW YOUR RANGE PLANTS! (K-12)**

CT-1405-17S  
1.0 semester credit hour  
Dates: May 6-7  
Time: 8:00am-4:00pm  
Locations: Rocky Mtn Arsenal, S. Platte Park  
Instructor: Michael Johnson  
Tuition Fee: \$55 (**payable during workshop**)  
Registration Fee: \$140

Learn the names of native range plants that grow in your school parking lot or on the playground in order to teach your students how to identify them. Explore plant taxonomy, and how to identify common plants. Discover how to dry and preserve plants, and how to conduct a soil texture analysis.

**To register or for more information, contact:**

Michael Johnson  
720/548-0560 or [montanamike8@gmail.com](mailto:montanamike8@gmail.com)

### **LIFE SIGNS: TRACKING THE INVISIBLE (K-12)**

CT-1235-17S  
0.5 semester credit hour  
Date: May 12  
Time: 8:30am-4:30pm  
Location: Rocky Mtn Conservancy, Estes Park  
Instructor: Kevin Cook  
Tuition Fee: \$40 (**payable during workshop**)  
Registration Fee: \$80

A swelling on a twig or a hole in a stem, a stray feather or piece of eggshell, an abandoned nest or a mound of soil; so many different things tattle the comings and goings of secretive creatures that otherwise remain invisible. Learn how to acquire then develop the observation skills necessary to read wildlife signs as if they were a newspaper.

**To register or for more information, contact:**

Rachel Balduzzi, RMC  
970/586-3262 or  
[Rachel.balduzzi@rmconservancy.org](mailto:Rachel.balduzzi@rmconservancy.org)

## EcoAdventure Course Offerings

**Note: Register for EcoAdventure courses through EcoAdventures. See box below.**

### **WILD ABOUT WILDLIFE CRAFTS & LITERATURE (K-6)**

CT-9860-17S

1 semester credit hour

Dates & Times:

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

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

Location: CSM campus, Golden

Tuition Fee: \$160 (**\$180 after Jan. 12<sup>th</sup>**)

Discover some of Colorado's wildlife through crafts, activities, children's literature, and short field trips. Create a craft for each of these species and learn their natural history: cottontail rabbit, Canada goose, red-tailed hawk, porcupine, deer mouse, grasshopper, and spider. Bring a favorite wildlife craft to share.

### **SOME CALL'EM BUFFALO - WE CALL'EM BISON (K-12)**

CT-9616-17S

1 semester credit hour

Dates & Times:

February 11 (9:00am-5:00pm)

February 12 (9:00am-4:00pm)

Location: CSM campus, Golden

Instructor: Pam Batton

Tuition Fee: \$160 (**\$180 after January 26<sup>th</sup>**)

Buffalo or bison? Discover the history behind the name and the animal, as well as its natural history. Take a field trip to a bison ranch and get a closer look at a part of our American heritage. Taste its healthful qualities as we sample our subject at a buffalo restaurant. Explore the connection of Native people to the bison then and now.

### **THE MOUNTAIN MAN: FINDING A HISTORICAL FIGURE BENEATH THE LEGEND (K-12)**

CT-9960-17S

1 semester credit hour

Dates & Times:

February 25 (9:00am-5:00pm)

February 26 (9:00am-4:00pm)

Location: CSM campus, Golden

Instructor: Trey Corkern

Tuition Fee: \$160 (**\$180 after Feb. 9<sup>th</sup>**)

Learn how to separate the historical fur trader from the fictitious mountain man. Trace a remarkable history from 1805 to 1850 with an emphasis on economics, geography, cultural change, and experimental archaeology. Learn how to make moccasin patterns, sample historical foods, and make a fire with flint and steel.

### **THE ANCIENT ONES: PRE-HISTORIC NATIVE AMERICANS IN COLORADO (K-12)**

CT-1704-17S

1 semester credit hour

Dates & Times:

March 11 (9:00am-5:00pm)

March 12 (9:00am-4:00pm)

Location: CSM campus, Golden

Instructor: Trey Corkern

Tuition Fee: \$160 (**\$180 after Feb. 23<sup>rd</sup>**)

Discover the fascinating stories of the first Native Americans in Colorado. Discover how cultures used different strategies to adapt to Colorado's unforgiving landscape. Try your hand at hunting techniques, hand drills to start fires, archaeoastronomy, and ceramics.

### **BIRDS OF PREY (K-12)**

CT-9614-17S

1 semester credit hour

Dates & Times:

April 8 (12:00pm-7:30pm)

April 9 (8:30am-4:00pm)

Location: CSM campus, Golden

Instructor: Pam Batton

Tuition Fee: \$160 (**\$180 after March 23<sup>rd</sup>**)

Learn about Colorado's common birds of prey through activities that will help you to identify and understand their behaviors. Focus on nocturnal and diurnal raptors. Field trips will include owl and hawk watching during the spring migration.

### **THIRTEEN THOUSAND YEARS OF COLORADO HISTORY (K-12)**

CT-1069-17S

1 semester credit hour

Dates & Times:

April 22 (9:00am-5:00pm)

April 23 (9:00am-4:00pm)

Location: CSM campus, Golden

Instructor: Trey Corkern

Tuition Fee: \$160 (**\$180 after April 6<sup>th</sup>**)

Take a tour through Colorado culture. Discuss Native Americans, Spanish settlers, pioneers, railroaders, miners, the Tenth Mountain Division, baby boomers, ski bums, and more. Make, use, and take home a plethora of EcoAdventure "make and take" classroom projects.

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

**Pam Batton**

**EcoAdventures**

**5894 South Meadow Drive**

**Morrison, CO 80465**

**303/697-0327, Fax 303/697-0329**

**[Pamsecoadventures.com](http://Pamsecoadventures.com)**

#### **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 DMNS courses through the Museum. See box below.**

### **MISSION COGNITION: A HYBRID COURSE ON THE BRAIN (GR. 4-12)**

CT-1407-17S

1.5 semester credit hours

Dates: January 7-February 4 (online)

January 7 & 21 (8:00am-3:30pm)

February 4 (9:00am-12:00pm)

Location: online & DMNS

Instructor: Tim Blesse

Tuition Fee: \$300

Further your understanding of current research about the mechanics of how humans learn and process information including aspects of memory, emotions, and movement. We'll demonstrate how these studies can make a difference in the way you teach your students.

**To register or for more information, contact:**

**Denver Museum of Nature & Science**

**303/370-6000, 9am-5pm daily**

**Register online at:**

**<http://dmns.org/teacher/professional-development/courses-and-academies/>**

## Summer 2017 Course Preview

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

CT-1031-17D

1 semester credit hour

Dates: June 2-3

Location: meet in Pueblo; drive to NM

Instructor: Melanie Phelps

Tuition Fee: \$160

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](mailto:melaniephe@aol.com)

[www.coloradorivertrip.com](http://www.coloradorivertrip.com)

### PIKES PEAK GOLD RUSH (GR. 3-12)

CT-1533-17D

1 semester credit hour

Dates: June 3-4

Time: 8:00am-6:30pm

Locations: meet at Woolly Mammoth Lot, I-70 & CO 26

Instructor: Michael Johnson

Tuition Fee: \$55 (**payable during workshop**)

Registration Fee: \$165 (includes tour fees)

Learn basic geology concepts and visit historical sites made famous during the Pikes Peak Gold Rush of '59. Tour an authentic gold mine, pan for gold, and visit the historical towns of Idaho Springs, Central City, and Georgetown.

**To register or for more information, contact:**

Michael Johnson, 720/548-0560

[Montanamike8@gmail.com](mailto:Montanamike8@gmail.com)

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

CT-1402-17D

2 semester credit hours

Dates: June 4-7

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](mailto:melaniephe@aol.com)

[www.coloradorivertrip.com](http://www.coloradorivertrip.com)

### ITALY REVEALED: EXPLORING THE LAND OF THE ANCIENT ROMANS (K-12)

CT-0805-17D

5 semester credit hours

Dates: June 5-17

Location: Italy

Instructor: Joyce Webb

Tuition Fee: \$4,420 (includes airfare, lodging, ground transportation, entry fees, credit)

Travel from Roman temples to medieval churches, and from the ruins of Pompeii to Vatican City's treasure trove. Walk through the Roman Forum and sleep in the city of Otavio. Experience Florence, the art capital of the world; hike along Le Cinque Terra, the sun-drenched Italian Riviera; marvel at the Leaning Tower of Pisa; and absorb Venice, the most romantic city in the world.

**To register or for more information, contact:**

Joyce Webb, 719/229-5482

[joycewebb@ymail.com](mailto:joycewebb@ymail.com)

[www.coloradorivertrip.com](http://www.coloradorivertrip.com)

### ICELAND: LAND OF FIRE AND ICE (K-12)

CT-1506-17D

4.5 semester credit hours

Dates: June 11-21

Location: Iceland

Instructor: Melanie Phelps

Tuition Fee: \$3,700 (includes lodging, ground transportation, tours, credit)

Explore the beautiful fjord Viking capital of Iceland, Reykjavik. Discover the geology of the Mid-Atlantic Ridge and plate tectonics; snorkel the rift between the European and the North American Plates; strap on your crampons and hike an active glacier; then walk among fumeroles, mudpots, steam vents, and geysers and into lava tubes.

**To register or for more information, contact:**

Melanie Phelps, 719/252-1789

[melaniephe@aol.com](mailto:melaniephe@aol.com)

[www.coloradorivertrip.com](http://www.coloradorivertrip.com)

### ALL ABOUT MINING HYBRID COURSE (K-12)

CT-5700-17M

6 semester credit hours

Dates: June 15-17, 19-23

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](mailto:coordinator@allaboutmining.org)

[www.allaboutmining.org](http://www.allaboutmining.org)

**GERMANY: ROMANS, CASTLES, & KINGS (K-12)**

CT-1509-17M

6 semester credit hours

Dates: June 17-July 1

Location: Germany

Instructor: Joyce Webb

Tuition Fee: \$4,755 (includes airfare, lodging, ground transportation, tours, credit)

Visit historical castles, vibrant cities, and quaint villages while traveling across Germany. Cruise on the Rhine River and gaze in awe at the castles that line both sides. Ascend Zugspitze, the highest point in Germany. Discover where German unity and democracy were born, and then visit the infamous WWII death camp, Dachau.

**To register or for more information, contact:**

Joyce Webb, 719/229-5482

joycewebb@ymail.com

www.coloradorivertrip.com

**ECOLOGY AND ART: YAMPA RIVER AND DESERT (K-12)**

CT-1703-17D

1.5 semester credit hours

Dates June 23-25

Location: Yampa River near Craig, CO

Instructor: Karen Caddis

Tuition Fee: \$479

While canoeing, camping, and hiking, investigate the natural environment of the Yampa River, its riparian ecosystem, and the surrounding desert. Learn how human, plant, and animal life in these special areas have adapted to this unique environment. Be inspired by the natural surroundings to create art and poetry, learn how to gather and prepare plants for food and utilitarian uses. Receive background material, resource contacts, and a resource kit of materials and connections to help teach the activities you participated in.

**To register or for more information, contact:**

Centennial Canoe Outfitters, 720/283-0553

Julia@centennialcanoe.com

www.centennialcanoe.com

**COSTA RICA: TROPICAL RAINFOREST LEGEND (K-12)**

CT-1701-17M

4 semester credit hours

Dates: June 26-July 5

Location: Costa Rica, Central America

Instructor: Melanie Phelps

Tuition Fee: \$2,475 (includes lodging, ground transportation, tours, credit)

Journey to the birding, mammal, and beach capital of Meso-America. Awaken to the calls of Howler and Capuchin Monkeys and 830 species of birds. Explore Monteverde Cloud Forest, LaSelva Research Station, Palo Verde, and Manuel Antonio National Parks. Study the geology and ecology of this narrow land bridge between continents as you explore the Legend of Biodiversity.

**To register or for more information, contact:**

Melanie Phelps, 719/252-1789

melaniephe@aol.com

www.coloradorivertrip.com

**SCOTLAND: THE HIGHLANDS OF GLADES AND LOCHS (K-12)**

CT-0706-17M

4 semester credit hours

Dates: July 1-10

Location: Scotland

Instructor: Joyce Webb

Tuition Fee: \$3,575 (includes airfare, lodging, ground transportation, tours, credit)

Journey along mossy mountains, salty isles, and bottomless lochs. Taste haggis, hear bagpipes, and feel the winds of history blowing through the glens. Go time tripping through stone castles, and savor the pristine atmosphere of the Hebrides Islands. Wander with us and scan Loch Ness for legendary monsters.

**To register or for more information, contact:**

Joyce Webb, 719/229-5482

[joycewebb@ymail.com](mailto:joycewebb@ymail.com)

www.coloradorivertrip.com

**BELIZE: CORAL REEFS AND MAYA RUINS (K-12)**

CT-1112-17M

4 semester credit hours

Dates: July 6-15

Location: Belize, Central America

Instructor: Melanie Phelps

Tuition Fee: \$2,400 (includes lodging, ground transportation, credit)

Submerge yourself in the colorful world of the Belize coral reefs. Explore the coral fish as they change sexes, groom each other, and develop complex relationships of symbiosis. Then wander into the land of the ancient Mayans, with their extravagant architecture, rituals, and games.

**To register or for more information, contact:**

Melanie Phelps, 719/252-1789

melaniephe@aol.com

www.coloradorivertrip.com

**IRELAND: HAUNTED BY HISTORY AND RICH IN LEGENDS (K-12)**

CT-0419-17M

4 semester credit hours

Dates: July 11-20

Location: Ireland

Instructor: Joyce Webb

Tuition Fee: \$3,775 (includes airfare, lodging, ground transportation, tours, credit)

Experience the unpretentious simplicity of Ireland. Tour the southwestern Emerald Isle from castles to peat bogs, and explore the famous Aran Islands, the Burrens, and the Gaelic-speaking Dingle Peninsula. Kiss the Blarney Stone and climb the Rock of Cashel.

**To register or for more information, contact:**

Joyce Webb, 719/229-5482

[joycewebb@ymail.com](mailto:joycewebb@ymail.com)

www.coloradorivertrip.com



## **IRELAND II: DAWNING OF A NEW DAY (K-12)**

CT-0905-17M

4 semester credit hours

Dates: July 20-28

Location: Ireland

Instructor: Joyce Webb

Tuition Fee: \$3,675 (includes airfare, lodging, ground transportation, tours, credit)

Tour Dublin, Belfast, and the east coast of Ireland. Discover the past as you gaze upon the Book of Kells, explore the tomb of Newgrange, and wander through the 6<sup>th</sup> century monastery of Monasterbolce. Visit Trim Castle and explore the volcanic columns of the Giant's Causeway. The past and present become blended into another Irish adventure.

### **To register or for more information, contact:**

Joyce Webb, 719/229-5482

joycewebb@ymail.com

www.coloradorivertrip.com

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

CT-0428-17M

3.5 semester credit hours

Dates: July 20-26

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](mailto:melaniephe@aol.com)

www.coloradorivertrip.com

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

CT-1304-17M

6 semester credit hours

Dates: July 28-August 11

Location: Alaska

Instructor: Melanie Phelps

Tuition Fee: \$5,605 (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.

### **To register or for more information, contact:**

Melanie Phelps, 719/252-1789

melaniephe@aol.com

www.coloradorivertrip.com

## **Additional Programs of Interest**

### **Rocky Mountain Conservancy – Field Institute**

Most field seminars are field-based, hands-on learning experiences in Rocky Mountain National Park. A wide range of topics are available. Visit our website at [www.rmconservancy.org](http://www.rmconservancy.org). If you have any questions, including information on our refund policy, would like to talk with a person at the Field Seminar Center, or experience technical difficulties, please call (970)586-3262. Many of our seminars fill up, so please register early. We look forward to seeing you in a field seminar this year. RMNA membership discounts are available.

## 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. 160A

Golden, CO 80401

Phone: (303) 279-3855

<http://te.csmspace.com>