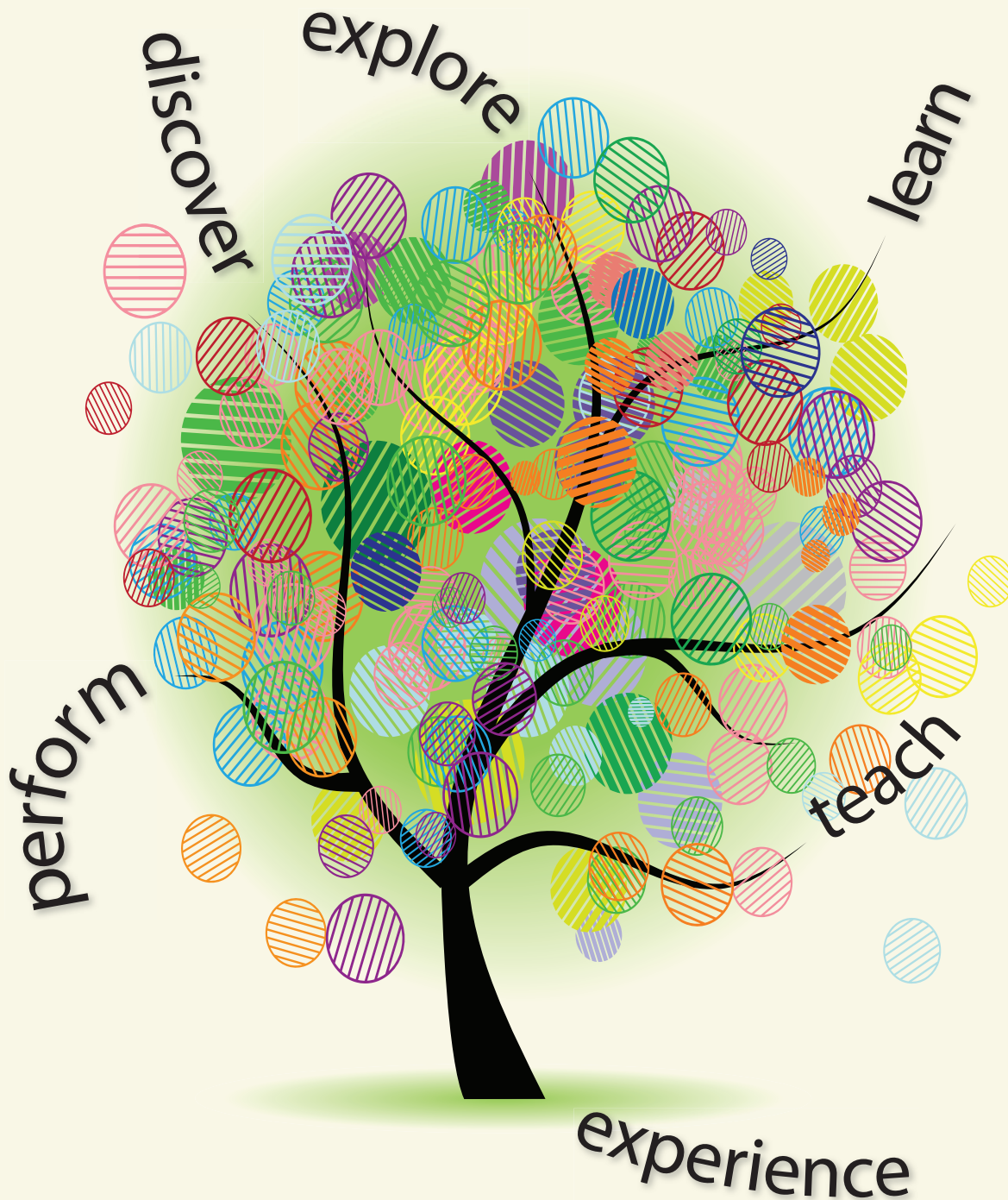


Teacher Enhancement Program for K-12 Educators

AT THE COLORADO SCHOOL OF MINES



SPRING 2010

COLORADO SCHOOL OF MINES

Teacher Enhancement Program

Spring 2010

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 checks/credit card information should be mailed or faxed to:**

Teacher Enhancement Program
Office of Special Programs & Continuing Education
Colorado School of Mines
Golden, CO 80401-0028
(303) 273-3314 FAX
(303) 273-3303 or (800) 446-9488, Ext. 3303

Visit our home page at:
<http://te.csmospace.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. 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.csmospace.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.

All courses offered in cooperation with the Extended Studies Program of the Colorado Commission on Higher Education

Spring 2010 Course Offerings

INTRODUCTION TO CLIMATE CHANGE ONLINE (GR. 6-12)

CT-0762-10S
2 semester credit hours
Dates: January 15- February 28
Instructor: Sandra Henderson
Tuition Fee: \$90 (**payable during workshop**)
Registration Fee: \$225

This facilitated online course is designed to guide you through the basics of climate science, integrating content, classroom activities, and community-building discussions to help you understand the answers to common questions about climate variability and change. Offered by the National Center for Atmospheric Research, <http://ecourses.ncar.ucar.edu>.

To register or for more information, contact:

Sandra Henderson, 303/497-8108
sandrah@ucar.edu

EARTH SYSTEM SCIENCE: A CLIMATE CHANGE PERSPECTIVE ONLINE (GR. 6-12)

CT-0773-10S
2 semester credit hours
Dates: January 15- March 7
Instructor: Sandra Henderson
Tuition Fee: \$90 (**payable during workshop**)
Registration Fee: \$225

This facilitated online course is designed to guide you through the basics of understanding Earth as a system, integrating content, classroom activities, and community-building discussions to help you understand the answers to common questions about Earth system functions as related to climate change. Offered by the National Center for Atmospheric Research, <http://ecourses.ncar.ucar.edu>.

To register or for more information, contact:

Sandra Henderson, 303/497-8108
sandrah@ucar.edu

UNDERSTANDING CLIMATE CHANGE TODAY ONLINE (GR. 6-12)

CT-0860-10S
2 semester credit hours
Dates: January 15- March 7
Instructor: Sandra Henderson
Tuition Fee: \$90 (**payable during workshop**)
Registration Fee: \$225

This facilitated online course is designed to guide you through the basics of understanding the impacts of climate change, integrating content, classroom activities, and community-building discussions to help you understand the answers to common questions about what the implications of climate change are today. Offered by the National Center for Atmospheric Research, <http://ecourses.ncar.ucar.edu>.

To register or for more information, contact:

Sandra Henderson, 303/497-8108
sandrah@ucar.edu

CLICK YOUR CLASS: POSITIVE REINFORCEMENT IN THE CLASSROOM (K-12)

CT-0916-10S
0.5 semester credit hour
Date: January 23
Time: 8:30am-4:30pm
Location: Dumb Friends League, Denver
Instructor: Nicole Schimming
Tuition Fee: \$68

Clicker train a DFL mascot dog and then learn how to apply similar techniques in your own classroom. Tour behind the scenes at our shelter and learn about the training we do with shelter animals.

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

PROTECTING THE ENDANGERED SNOW LEOPARD (K-12)

CT-1010-10S
0.5 semester credit hour
Date: January 30
Time: 9:00am-5:00pm
Location: Cheyenne Mountain Zoo, Colorado Springs
Instructor: Joy Schkade
Tuition Fee: \$35 (**payable during workshop**)
Registration Fee: \$65.25

Spend the day learning about the majestic snow leopard. Find out how they can survive in such an extreme climate, and discover what your class can do to help protect these cats.

To register or for more information, contact:

Erin Macik, Cheyenne Mtn. Zoo
719/633-9925 (x127) or edprograms@cmzoo.org

AQUARIUMS AND YOUR CLASSROOM (GR. 1-12)

CT-0259-10S
0.5 semester credit hour
Date: February 6
Time: 9:00am-5:00pm
Location: Downtown Aquarium, Denver
Course Coordinators: Colleen Shipley & Alyce Todd
Tuition Fee: \$35 (**payable during workshop**)
Registration Fee: \$75

Take home a starter aquarium! Practice aquarium set-up, learn maintenance tips, and try out a variety of activities that you and your students can do with your classroom aquarium as well as with our million-gallon version. Receive an interdisciplinary curriculum guide, go on a behind-the-scenes tour, and meet staff to discuss aquarium careers.

To register or for more information, contact:

Downtown Aquarium Sales & Service Center
303/561-4444

PRIMATE WORLD (K-12)

CT-0982-10S
0.5 semester credit hour
Date: February 13
Time: 9:00am-5:00pm
Location: Cheyenne Mountain Zoo, Colorado Springs
Instructor: Joy Schkade
Tuition Fee: \$35 (**payable during workshop**)
Registration Fee: \$65.25

Learn about the life and times of orangutans and western lowland gorillas. Find out what dangers face these beautiful creatures and what you and your students can do to help conservation efforts to save them.

To register or for more information, contact:

Erin Macik, Cheyenne Mtn. Zoo
719/633-9925 (x127) or edprograms@cmzoo.org

USING CLASSROOM COMMUNICATION SYSTEMS (K-12)

CT-0266-10S

1 semester credit hour

Dates & Times:

January 23 (8:00am-4:00pm)

February 27 (8:00am-12:00pm)

Plus 4-6 hours of additional, independent work.

Location: CSM campus, Golden

Instructor: Susan Kowalski

Tuition Fee: \$50 (**payable during workshop**)

Registration Fee: \$80

Pre-requisite: A working familiarity with computers and current employment as a classroom teacher in Colorado.

Imagine each of your students with a hand-held wireless device (clicker) to transmit information to you. Not only will they be more engaged and attentive during class, but you can see their responses instantly for feedback about comprehension. Learn how to use this technology, and then check out the equipment to use in your own classroom (appropriate for all disciplines). Course completion qualifies you for future free check-out of the equipment.

To register or for more information, contact:

Susan Kowalski
303/273-3121 or skowalsk@mines.edu

GHOST TOWNS BY CROSS-COUNTRY SKI (K-12)

CT-0301-10S

1 semester credit hour

Dates: February 13-14

Time: 8:00am-5:00pm

Location: Chamber of Commerce, Leadville

Instructors: Melanie Phelps, Joyce Webb

Tuition Fee: \$130

Cross-country ski back in time to the days of the Colorado gold and silver rush. Relive the extravagance and demise of Baby Doe and Horace Tabor, and tour the mining museum and the Matchless Mine. Listen to the snow blowing softly among the ruins of Oro City and California Gulch. Cross-country skiing or snowshoeing experience not required.

To register or for more information, contact:

Melanie Phelps, 719/440-7180
melaniephe@aol.com
www.coloradorivertrip.com

TEACHING COMPASSION AND RESPECT: HUMANE EDUCATION IN THE CLASSROOM (K-12)

CT-9157-10S

1 semester credit hour

Dates: February 20 & 27

Time: 8:30am-4:30pm

Location: Dumb Friends League, Denver

Instructor: Nicole Schimming

Tuition Fee: \$120

Learn easy ways to integrate lessons on compassion, kindness, and respect into your current curriculum. Take grade-appropriate curriculum guides and information back to your classroom, tour behind the scenes of our animal shelter, and learn about our services for pets and people of Colorado.

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

Z IS FOR ZOO (PREK-2)

CT-1011-10S

0.5 semester credit hour

Date: February 27

Time: 9:00am-5:00pm

Location: Cheyenne Mountain Zoo, Colorado Springs

Instructor: Joy Schkade

Tuition Fee: \$35 (**payable during workshop**)

Registration Fee: \$65.25

Learn what your younger students can do while at the Zoo. Cover a wide range of topics from the alphabet to colors that you can study while at the Zoo.

To register or for more information, contact:

Erin Macik, Cheyenne Mtn. Zoo
719/633-9925 (x127) or edprograms@cmzoo.org

DIGITAL PHOTOGRAPHY AND POWERPOINT ONLINE (K-12)

CT-05120-10S

1.5 semester credit hours

Dates: March 1-April 4

Instructor: John LaFerlita

Tuition Fee: \$200

Learn how to take better photographs and transfer them into PowerPoint. You will need a basic understanding of computers, the Internet, and email attachments. This class is for beginners using a PC or a Mac with a DVD player. Instruction is by videos that have been created specifically for the class.

To register or for more information, contact:

John LaFerlita
303/678-0312 or laferlit@hotmail.com

DIGITAL PHOTOGRAPHY ONLINE (K-12)

CT-0562-10S

1.5 semester credit hours

Dates: March 1-April 4

Instructor: John LaFerlita

Tuition Fee: \$200

Learn how to take better photographs and to manipulate the images using the online version of Adobe Photoshop Elements. Topics will include light, composition, nature (landscape, close-ups, and wildlife), and flash. This class is for beginners using a PC or a Mac with a DVD player. You will need a basic understanding of computers, the Internet, and email attachments. Instruction is by videos created specifically for the class.

To register or for more information, contact:

John LaFerlita
303/678-0312 or laferlit@hotmail.com

ADOBE PHOTOSHOP ELEMENTS ONLINE (K-12)

CT-0737-10S

1.5 semester credit hours

Dates: March 1-April 4

Instructor: John LaFerlita

Registration Fee: \$200

Learn to edit photographs and create slide shows that you can use in the classroom using the online version of Adobe Photoshop Elements. This class is for beginners using a PC or a Mac with a DVD player. You will need a basic understanding of computers, the Internet, and email attachments. Instruction is by videos that have been created specifically for this class.

To register or for more information, contact:

John LaFerlita, 303/678-0312 or

laferlit@hotmail.com

ANIMAL ARTISTS (K-12)

CT-1012-10S

0.5 semester credit hour

Date: March 13

Time: 9:00am-5:00pm

Location: Cheyenne Mountain Zoo, Colorado Springs

Instructor: Joy Schkade

Tuition Fee: \$35 (**payable during workshop**)

Registration Fee: \$65.25

Bring your creative side to class. Discover creative and unique ways to help your students appreciate wildlife.

To register or for more information, contact:

Erin Macik, Cheyenne Mtn. Zoo

719/633-9925 (x127) or edprograms@cmzoo.org

HAWAII: VOLCANOES & CORAL REEFS (K-12)

CT-0906-10S

4 semester credit hours

Dates: March 20-28

Location: Big Island of Hawaii

Instructor: Melanie Phelps

Tuition Fee: \$2,100 plus airfare

Explore Hawaii's Big Island. Tiptoe across Kilauea's active volcano caldera; step gently through aa and pahoehoe lava flows; and gaze upon molten lava flowing to the sea. Submerge into the shimmering brilliance of coral reef life to conduct biodiversity and environmental impact research.

To register or for more information, contact:

Melanie Phelps, 719/440-7180

melaniephe@aol.com

www.coloradorivertrip.com

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

CT-0419-10S

4 semester credit hours

Dates: March 20-28

Location: Ireland

Instructor: Joyce Webb

Tuition Fee: \$1,850 plus airfare

Experience the unpretentious simplicity of Ireland. Tour the southern 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, climb the Rock of Cashel, and relive the grief of an Irish famine ship.

To register or for more information, contact:

Melanie Phelps, 719/440-7180

melaniephe@aol.com

www.coloradorivertrip.com

ANIMAL MENU (K-12)

CT-1013-10S

0.5 semester credit hour

Date: April 10

Time: 9:00am-5:00pm

Location: Cheyenne Mountain Zoo, Colorado Springs

Instructor: Joy Schkade

Tuition Fee: \$35 (**payable during workshop**)

Registration Fee: \$65.25

Ever wonder if the giraffes get their fill of giraffe crackers? What exactly does a monkey eat? Discover the answers to these questions, and learn all about what our animals eat.

To register or for more information, contact:

Erin Macik, Cheyenne Mtn. Zoo

719/633-9925 (x127) or edprograms@cmzoo.org

BASIC ELECTRICITY AND WIND POWER (K-6)

CT-1016-10S

0.5 semester credit hour

Date: April 10

Time: 8:00am-4:00pm

Location: CSM Campus, Golden

Instructor: Rick Shin

Tuition Fee: \$70

Gain a better understanding of basic electricity and how it is related to wind power. Presented by the National Renewable Energy Laboratory.

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

TEACHING OUTSIDE THE BOX: COLORADO'S CONFERENCE ON ENVIRONMENTAL EDUCATION (PREK-12)

CT-1009-10S

1 semester credit hour

Dates & Times:

8:00am, April 16 through 2:00pm, April 18

Location: Ramada Plaza Denver North

Course Coordinator: Katie Navin, 303/273-9527

Tuition Fee: \$60 (**payable during workshop**)

Registration Fee: varies; check website www.cacee.org

This action-packed conference brings together the best in environmental education with engaging presentations, networking, resource sharing, classroom ready activities, and more. Choose from over 50 sessions on topics ranging from outdoor skills, forestry, wildlife, art and nature, science and literacy, and environmental education and standards.

To register or for more information, contact:

Colorado Alliance for Environmental Education

info@cacee.org or 303/273-9527

INTRODUCTION TO PALEONTOLOGY AND GEOLOGY (K-12)

CT-1015-10S

1 semester credit hour

Dates: April 17 & May 15

Time: 8:00am-5:00pm

Location: Dinosaur Ridge Visitors Center, Morrison

Instructor: Lou Taylor

Tuition Fee: \$125

This introductory lecture and field trip course will focus on fossils (history, classification, and evolution) and rocks (stratigraphy and sedimentology). Field trips to Dinosaur Ridge and the Triceratops Trail in Golden will reinforce the classroom lectures.

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

GET YOUR CLASSROOM OUTSIDE (K-12)

CT-1014-10S

0.5 semester credit hour

Date: April 24

Time: 9:00am-5:00pm

Location: Cheyenne Mountain Zoo, Colorado Springs

Instructor: Joy Schkade

Tuition Fee: \$35 (**payable during workshop**)

Registration Fee: \$65.25

Are you looking for new ways to get your class out of the school building? Explore different activities that will leave your classroom behind.

To register or for more information, contact:

Erin Macik, Cheyenne Mtn. Zoo

719/633-9925 (x127) or edprograms@cmzoo.org

HIDDEN CLIFF DWELLINGS OF THE ANCIENT ONES (K-12)

CT-0819-10S

1 semester credit hour

Dates: April 24-25

Time: 8:00am-5:00pm

Location: Bluff, UT

Instructors: Melanie Phelps, Joyce Webb

Tuition Fee: \$180

Discover decorated pottery shards, fishing twine, a child's woven doll, corn cobs, Kokopelli petroglyphs, and fingerprints preserved in 1,000-year-old adobe. Explore untouched cliff ruins of the Ancient Ones. Who were they? Where did they go? What stories do their ruins tell? The cliff dwellings are on a reservation and accessible only with a Navajo guide. Enjoy an adventure exploring both Navajo and Anasazi cultures.

To register or for more information, contact:

Melanie Phelps, 719/440-7180

melaniephe@aol.com

www.coloradorivertrip.com

PICKETWIRE DINOSAUR TRACKS BY MOUNTAIN BIKE (K-12)

CT-0350-10S

1 semester credit hour

Dates: May 1-2

Time: 8:00am-5:00pm

Location: LaJunta

Instructors: Joyce Webb, Melanie Phelps

Tuition Fee: \$130

Discover North America's most extensive dinosaur trackway. Picketwire Canyon contains the remnants of a Jurassic beach with over 1,300 dinosaur tracks. View dozens of ancient petroglyphs, and tour Old Bent's Fort and the ruins of an adobe homestead, a Spanish mission, and an old Spanish graveyard. This is a 13-mile, round-trip mountain biking adventure.

To register or for more information, contact:

Melanie Phelps, 719/440-7180

melaniephe@aol.com

www.coloradorivertrip.com

CASTING AND MOLDING FOSSILS (K-12)

CT-9265-10S

1 semester credit hour

Dates: May 15-16

Times: 8:00am-4:30pm

Location: CSM campus, Golden

Instructors: Bob O'Donnell, Betty Merchant

Tuition Fee: \$130

Cover the casting, molding and painting techniques used with fossils plus basic fossil identification. Complete ten molds, make numerous casts, and paint the castings. All required materials will be supplied.

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

COLORADO MINERAL EXPLORATION (GR. 6-12)

CT-0917-10S

1 semester credit hour

Dates: May 15-16

Time: 8:30am-5:30pm

Location: Western Museum of Mining & Industry, Colorado Springs

Instructors: Steven Veatch, David Futey

Tuition Fee: \$50 (**payable during workshop**)

Registration Fee: \$65 (includes lunch)

Understand prospecting and mineral exploration, examine the economic nature of mineral deposits, how to locate them, and gain practical training in the identification of rocks and minerals. Various guest speakers from the mineral, mining, and academic community will make presentations. Bring educational resources to your classroom about the economic, political, and social issues of developing mineral resources (teacher resource CD is included).

To register or for more information, contact:

Western Museum of Mining & Industry

719/488-0880

Additional Programs of Interest

SOUTH PLATTE EDUCATION SERIES

CT-9421; **Build-Your-Own Natural History of Colorado**

A natural history series designed to your interests and teaching needs. Choose from a menu of courses which

provide hands-on exploration of the wildlife and ecosystems along the S. Platte river. Combine classes on evenings and/or weekends to earn one semester credit hour. Visit our website at www.sspr.org/nature for class descriptions.

Contact Skot Latona, South Suburban Park and Recreation District, at 303/730-1022 x14 or email skotl@sspr.org for details or to obtain the special tuition flat rate.

Denver Museum of Nature & Science Course Offerings

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

TREE-RING DATING AND THE SOUTHWEST (GR. 3-8)

CT-1018-10S
0.5 semester credit hour
Date: Tuesdays: January 19-February 16
Time: 4:30-6:30pm
Instructor: Kate Geer
Tuition Fee: \$90 (register with a friend and get two for the price of one)

Explore the people of the Southwest. Learn how tree-dating is used to date dwellings at Mesa Verde and tells us more about climates of the past.

SPACE SECRETS (K-5)

CT-1019-10S
0.5 semester credit hour
Dates & Times:
February 20 (8:00am-12:00pm)
February 27 (8:00am-11:30am)
Instructor: Kate Geer
Tuition Fee: \$90

Ever wonder how big space really is? Curious about what the weather is like on Saturn? Unlock these mysteries while learning about planetary size, weather patterns, and space exploration. Participate in inquiry-based, hands-on activities; visit Space Odyssey and see a planetarium show.

HEALTH EFFECTS: GENETICS, CHOICES AND THE ENVIRONMENT (GR. 6-10)

CT-1020-10S
0.5 semester credit hour
Date: April 1
Time: 8:00am-4:30pm
Instructor: Kate Geer
Tuition Fee: \$30

The Museum is joining forces with the Colorado Council on Economic Education to present this workshop that is all about health. Visit *Expedition Health* and hear from experts in the fields of health science and economics. Receive a \$100 stipend for successful completion of the workshop. Sponsored by the National Center for Research Resources, National Institutes of Health.

ENERGY EDUCATION: SUSTAINABLE LIVING (GR. 5-9)

CT-1021-10S
0.5 semester credit hour
Dates & Times:
April 18 (8:00am-12:30pm)
April 20 (4:30-8:00pm)
Instructor: Meg John
Tuition Fee: \$90

Join us for an amazing energy education experience. Spend the first day enjoying Earth Day activities at the Museum. The Museum will then team up with the Colorado Council for Economic Education on the second evening to give you a perspective on the new energy economy and the cost and benefits of alternative energy sources and systems.

**To register for any DMNS course, contact:
DMNS Reservations, 303/322-7009.**

**For more information on a specific course,
contact the course coordinator, Kate Geer at
303/370-6441.**

EcoAdventure Course Offerings

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

WILD CANINES OF COLORADO (K-12)

CT-9617-10S

1 semester credit hour

Dates & Times:

January 16 (9:00am-5:00pm)

January 17 (8:00am-3:00pm)

Location: CSM campus, Golden

Tuition Fee: \$125 (**\$135 after December 30th**)

Discover the mischievous coyote, the cat-like canine, red fox, the extirpated wolf, and others. Learn each animal's natural history through hands-on activities and field observation during hikes. Supplement any animal study/ecology curriculum with class topics such as habitat, predator/prey relationships, and populations.

THE YUP'IK: ONE OF ALASKA'S FIRST INHABITANTS (K-12)

CT-0700-10S

1 semester credit hour

Dates & Times:

January 30 (9:00am-5:00pm)

January 31 (9:00am-4:00pm)

Location: CSM campus, Golden

Tuition Fee: \$135 (**\$145 after January 15th**)

In a land too cold for polar fleece, imagine life as a hunter/gatherer. You depend on nature for warmth, food, and shelter. Learn about Yup'ik's lifeways, traditions, and culture to see if you could live on the arctic tundra. Try to harvest food with bolas, spears, and atlatl; build a miniature kayak; make a storyknife; and try on traditional clothing.

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

CT-9960-10S

1 semester credit hour

Dates & Times:

February 20 (9:00am-5:00pm)

February 21 (9:00am-4:00pm)

Location: CSM campus, Golden

Instructor: Trey Corkern

Tuition Fee: \$130 (**\$140 after Feb. 5th**)

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.

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

CT-9616-10S

1 semester credit hour

Dates & Times:

February 27 (9:00am-5:00pm)

February 28 (9:00am-4:00pm)

Location: CSM campus, Golden

Tuition Fee: \$125 (**\$135 after February 12th**)

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.

WILD FELINES OF COLORADO (K-12)

CT-9712-10S

1 semester credit hour

Dates & Times:

March 13 (8:00am-5:00pm)

March 14 (9:00am-3:00pm)

Location: CSM campus, Golden

Tuition Fee: \$140 (**\$150 after February 26th**)

Discover the mysterious mountain lion, evasive bobcat, and reintroduced lynx. Explore each animal's natural history through hands-on activities and an opportunity to observe a live mountain lion, bobcat, and others on a field trip to a feline refuge. Play simulation games to understand habitat, territoriality, predator/prey relationships, and population dynamics.

BIRDS OF PREY (K-12)

CT-9614-10S

1 semester credit hour

Dates & Times:

April 10 (12:00pm-7:30pm)

April 11 (8:30am-4:00pm)

Location: CSM campus, Golden

Tuition Fee: \$130 (**\$140 after March 26th**)

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.

To register for any EcoAdventures course, 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**

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 Zoo Course Offerings

Note: Register for Denver Zoo courses through the Zoo. See box below.

CONSCIOUSNESS AND COGNITION: EXPLORING ANIMAL INTELLIGENCE (PREK-12)

CT-1003-10S
0.5 semester credit hour
Date: January 23
Time: 8:00am-4:00pm
Location: Denver Zoo
Instructors: Sarah Brenkert, Molly Maloy
Tuition Fee: \$90 (includes credit, breakfast, & resource CD)

Go inside the animal mind to explore the fascinating question of animal intelligence. Can animals actually apply insight to problem solving? Do they reflect on the past and worry about the future? Are they capable of recognizing their own mortality? This workshop uses Zoo tours, live animal demonstrations, and the latest in scientific research to explore the intriguing subjects of animal intelligence, emotions, and self-awareness.

REPTILES REVEALED (PREK-12)

CT-1023-10S
0.5 semester credit hour
Date: February 20
Time: 8:00am-4:00pm
Location: Denver Zoo
Instructors: Sarah Brenkert, Karie Phillips
Tuition Fee: \$90 (includes credit, breakfast, & resource CD)

Bask in the warmth of Tropical Discovery as you discover the scaly secrets of the animals that have walked the Earth for 300 million years. Tour Tropical Discovery and meet our reptile ambassadors to help explore the themes of diversity, interdependence of life, and natural selection. Find out why reptiles have fascinated people for millennia, examine myths about their danger to humans, and learn how we can help protect reptiles and their habitats.

APE-RIL FOR EDUCATORS: A STUDY OF PRIMATES (PREK-12)

CT-0919-10S
0.5 semester credit hour
Dates: April 17
Time: 8:00am-4:00pm
Location: Denver Zoo
Instructors: Sarah Brenkert, Rachel Anderson
Tuition Fee: \$90 (includes credit, breakfast, & resource CD)

Discover the unique intelligence and astounding adaptations of primates. Get an up-close and personal look at the Zoo's great ape exhibit, enhanced by the expertise of our primate specialists. These amazing monkeys and apes will be our window into the fascinating world of animal behavior, social organization, and global conservation.

OUR COLORADO STORY: NATURE AND CULTURE AT THE CROSSROADS (GR. 4-8)

CT-1022-10S
0.5 semester credit hour
Date: May 1
Time: 8:00am-4:00pm
Locations: Denver Zoo & Denver Museum of Nature & Science
Instructors: Sarah Brenkert, Kate Geer
Tuition Fee: \$100 (includes credit, breakfast, & resource CD)

Take a fresh look at Colorado history and discover how Coloradans connect to the land – from Native American cultures to the mining boom to today's new energy frontier. Explore Colorado's watershed and its role in sustainability. Bring home innovative ways to teach students to appreciate our state's amazing biodiversity and landscape. Guided tour of the Museum and the Zoo along with live animal experiences will round out the day.

**Register online for any Denver Zoo course at:
www.denverzoo.org/education/teacherWorkshops.asp**

For questions, contact the Denver Zoo Education Department at 303/376-4808.

Butterfly Pavilion Course Offerings

Note: Register for Butterfly Pavilion courses through the Butterfly Pavilion. See box on next page.

WHAT'S THE BUZZ? INTRO TO INSECTS IN ART & CULTURE (K-12)

CT-0712-10S
0.5 semester credit hour
Date: February 13
Time: 8:00am-5:00pm
Location: Butterfly Pavilion, Westminster
Instructors: Nicole Bickford, Deborah Brooks
Tuition Fee: \$35 (**payable during workshop**)
Registration Fee: \$45

Discover the cultural significance of insects and the important role they played in everyday life and art in ancient cultures around the world. Learn new standards-based lesson plans and fun hands-on art activities for your classroom that integrate art, science, and culture.

ART AND SCIENCE SERIES (GR. 5-12)

CT-0921-10S
0.5 semester credit hour
Location: Butterfly Pavilion, Westminster
Instructors: Kris Pohl, Deborah Brooks
Course Coordinator: Kris Pohl, 720/974-1868
Tuition Fee: \$35 (**payable during workshop when two workshops have been completed in 2010**)
More courses in this series will take place during the summer and fall 2010.

GOURD BASKETS AND POLLINATORS

Date: April 25
Time: 8:00am-12:00pm
Registration Fee: \$45

Hardshell gourds are a popular crafter's medium, but what role do insects play? Learn more about pollinators as you transform a hardshell gourd into a lovely art object.

PAPERMAKING AND PAPER WASPS

Date: April 25
Time: 1:00-5:00pm
Registration Fee: \$30

According to French lore, paper was invented after a nobleman observed paper wasps creating their own hive. Learn a simple method of recycling paper to create handmade paper for stationery, scrapbooking, and cards.

INSECTS IN ART AND CULTURE (K-12)

CT-0321-10D
1 semester credit hour
Dates: June 22-23
Time: 8:00am-5:00pm
Location: Butterfly Pavilion, Westminster
Instructors: Nicole Bickford, Deborah Brooks
Tuition Fee: \$50 (**payable during workshop**)
Registration Fee: \$85

Discover the symbolic meaning of insects in cultures of past and present as you explore human beliefs and environmental conditions through art and literature. Delve into myths and art activities as you explore the lives, history, and significance of honeybees, silk moths, dragonflies, and many more invertebrates.

GREEN SIDE UP: USING PLANTS TO TEACH THE BIG IDEAS (GR. 5-8)

CT-0755-10M
0.5 semester credit hour
Date: July 13
Time: 8:00am-5:00pm
Location: Butterfly Pavilion, Westminster
Instructor: Jo Smith
Tuition Fee: \$35 (**payable during workshop**)
Registration Fee: \$40

Plants can easily be used in the classroom for teaching those big ideas in the life sciences. Discover classroom-tested, hands-on activities using plants to help students explore form, function, energy flow, growth, development, and continuity. Bring some green back to your classroom.

INSECT INVESTIGATIONS: SCIENCE NOTEBOOKS AND BUGS IN THE CLASSROOM (K-12)

CT-0920-10M
0.5 semester credit hour
Date: July 22
Time: 8:00am-5:00pm
Location: Butterfly Pavilion, Westminster
Instructors: Marcos Stoltzfus, Patrick Tennyson
Tuition Fee: \$35 (**payable during workshop**)
Registration Fee: \$40

Explore the amazing world of insects and their relatives as you investigate how inquiry-based learning can enhance discovery in your classroom. Exciting hands-on, take-home activities will show you how to successfully incorporate literacy and science notebooks in your classroom insect investigations.

WHO SWALLOWED A FLY? (K-6)

CT-0532-10M
0.5 semester credit hour
Date: July 29
Time: 8:00am-5:00pm
Location: Butterfly Pavilion, Westminster
Instructors: Nicole Bickford, Deborah Brooks
Tuition Fee: \$35 (**payable during workshop**)
Registration Fee: \$45

Use a variety of children's literature that focuses on bugs and other invertebrates. Read and play with the language and unique art that make these books memorable. Explore Eric Carle's famous bug stories; find language and art in nature with the Butterfly Alphabet; and bring home lesson plans and ideas that integrate visual and language arts.

FRIEND OR FOE: EXPLORE PLANT-ANIMAL INTERACTIONS (K-5)

CT-0820-10M

0.5 semester credit hour

Date: August 5

Time: 8:00am-5:00pm

Location: Butterfly Pavilion, Westminster

Instructor: Amy Yarger

Tuition Fee: \$35 (**payable during workshop**)

Registration Fee: \$40

Survey a variety of plant-animal relationships including pollination, seed dispersal, plant defense mechanisms, and carnivorous plants. Observe plant-animal interactions in the garden, and then learn how to create a schoolyard habitat for beneficial insects. Learn through projects, outdoor observations, and stories and games that can be used back in the classroom.

DRAGONFLIES TALE (K-6)

CT-0713-10F

0.5 semester credit hour

Date: October 2

Time: 8:00am-5:00pm

Location: Butterfly Pavilion, Westminster

Instructors: Nicole Bickford, Deborah Brooks

Tuition Fee: \$35 (**payable during workshop**)

Registration Fee: \$45

Explore five different Native American cultures through their stories and their art. Create a dragonfly like the Zuni boy who saved his village; discover how Grandmother Spider inspired the Muskogee Indians to catch bad dreams; and create your own dream catcher. Integrate science, literacy, social studies, and visual art in this fun, standards-based workshop.

To register for any of the Butterfly Pavilion course offerings, mail the CSM enrollment form along with a check (payable to the Butterfly Pavilion) or credit card information for the Registration Fee to:
Butterfly Pavilion
Kris Pohl, Education
6252 W. 104th Ave.
Westminster, CO 80205
720/974-1868 Fax 303/657-5944
kpohl@butterflies.org

Project WILD - Project Learning Tree – Project WET

Projects WILD, Learning Tree and WET 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, Learning Tree and WET 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. Visit our web sites at www.plt.org/events/index.cfm and <http://wildlife.state.co.us/Education/TeacherWorkshops/In dex.aspx> for more information.

BASIC PROJECT LEARNING TREE

CT-0822-10S

0.5 semester credit hour per workshop

Workshop I: *Environmental Ed for Elem & MS*

Date: January 16

Time: 8:30am-4:30pm

Location: Keystone Science School, Keystone

Registration Fee: \$15

Registration Contact: Shawna Crocker, 303/202-4662 or scrocker@colostate.edu

Workshop II: *Tree by Tree: The Mile High Million (PreK-12)*

Date: January 30

Time: 8:30am-4:30pm

Location: Escuela Tlatelolco, Denver

Registration Fee: \$25 (returned at workshop)

Registration Contact: Shawna Crocker, 303/202-4662 or scrocker@colostate.edu

Workshop III: *A Globeology Adventure (K-12)*

Date: March 6

Time: 8:30am-4:30pm

Location: The Wildlife Experience, Parker

Registration Fee: \$25

Registration Contact: Kam Breitenbach, 720/488-3344 or kbreitenbach@twexp.org

Workshop IV: *Environmental Ed for Elem & MS*

Date: April 24

Time: 8:30am-4:30pm

Location: RAFT, Denver

Registration Fee: \$15 for RAFT members; \$30 non-members (lunch provided)

Registration Contact: RAFT, dawn@raftcolorado.org
Tuition Fee: \$35 (payable during each workshop)

PROJECT LEARNING TREE – FIRE & FOREST ISSUES (GR. 7-12)

CT-1017-10S

0.5 semester credit hour

Date: January 17

Time: 8:30am-4:30pm

Location: Keystone Science School, Keystone

Tuition Fee: \$35 (payable during workshop)

Registration Fee: \$15

Experience and receive PLT modules Exploring the Environment: Focus on Forests and Forest Ecology: The Changing Forest. You are eligible to obtain other HS modules and GreenWorks grants for service learning.

To register or for more information, contact:

Shawna Crocker

303/202-4662 or scrocker@colostate.edu

BASIC PROJECT WILD (K-12)

CT-9598

0.5 semester credit hour per workshop

Workshop I: *A Globeology Adventure*

Date: January 23

Time: 8:30am-4:30pm

Location: The Wildlife Experience, Parker

Registration Fee: \$29

Registration Contact: Kam Breitenbach, 720/488-3344 or kbreitenbach@twexp.org

Workshop II

Date: July 28

Time: 8:00am-5:00pm

Location: Butterfly Pavilion, Westminster

Registration Fee: \$25

Registration Contact: Kris Pohl, 720/974-1868

Tuition Fee: \$35 (payable during each workshop)

GLOBAL CONNECTIONS: FORESTS OF THE WORLD & FIRE ECOLOGY (GR. 6-12)

CT-0935-10S

1 semester credit hour

Dates & Times:

9:00am, February 27 through 5:00pm, February 28

Location: Calwood, Jamestown

Tuition Fee: \$50 (payable during workshop)

Registration Fee: \$25 for one, \$20 each for 2 or more from same school (includes food and lodging)

Registration Contact: Shawna Crocker, 303/202-4662 or scrocker@colostate.edu

GLOBAL CONNECTIONS: FORESTS OF THE WORLD (GR. 6-12)

CT-0975-10S
0.5 semester credit hour
Date: March 6
Time: 8:00am-4:00pm
Location: Denver Zoo
Registration Fee: \$90 (includes credit, breakfast & PLT curriculum)

Deepen your knowledge of the world’s diverse forest environments, with an emphasis on the human interaction with those environments. Help your students apply scientific processes and high order thinking skills while investigating world forestry issues and conducting service learning action projects.

To register or for more information, contact:
Denver Zoo
<http://www.denverzoo.org/education/teacherWorkshops.asp>

GROWING UP WILD! - EARLY CHILDHOOD PROJECT WILD (PREK-2)

CT-0974-10S
0.5 semester credit hour
Date: April 10
Time: 8:30am-5:00pm
Location: CDOW, Denver
Tuition Fee: \$35 (**payable during workshop**)
Registration Fee: \$20

Explore the brand new early childhood curriculum from Project WILD. This exciting new guide is full of activity ideas and resources perfect for early learners. Connect kids to the outdoors while solidifying early math and literacy skills.

To register or for more information, contact:
Tabbi Kinion, CDOW
303/291-7165 or tabbi.kinion@state.co.us

PROJECT WET (K-12)

CT-9629-10M
0.5 semester credit hour
Date: July 27
Time: 8:00am-5:00pm
Location: Butterfly Pavilion, Westminster
Tuition Fee: \$35 (**payable during workshop**)
Registration Fee: \$40
Registration Contact: Kris Pohl, 720/974-1868

For updated information contact:
Project WILD, 303/291-7262
Project Learning Tree, 303/202-4662
Project WET, 303/355-4057

See the following website for full course descriptions or added workshops:
www.wildlife.state.co.us/education/teacherresources

Summer 2010 Canoe Trips

Note: Register for canoe trips through Centennial Canoe Outfitters. See box below.

GEOLOGY OF THE GUNNISON RIVER BY CANOE, LEVELS I & II (K-12)

CT-9339-10D

2 semester credit hours

Dates & Times:

Lecture: June 23 (9:00am-4:30pm)

Canoe Trip: June 25-27

Locations: The lecture will be held at CSM, Golden.

The trip will begin and end near Grand Junction, CO.

Instructor: Bob Dickerson

Tuition Fee: \$424 (**\$100 deposit required upon enrollment**)

Canoe this breathtaking river through the canyons southeast of Grand Junction, including the spectacular Dominguez Canyon (Wilderness Study Area) with its cascading waterfalls, high elevation potholes, bighorn sheep, and Native American petroglyphs. One layover day is planned for hiking, exploring and gaining an understanding of basic geologic concepts and viewing them up close. No previous geology experience is necessary.

ASTRONOMY IN THE WILDERNESS/COLORADO RIVER, LEVELS I & II (K-12)

CT-0262-10M

2 semester credit hours

Dates & Times:

Lecture: July 7 (1:00-8:30pm)

Canoe Trip: July 9-11

Locations: The lecture will be held at Fiske Planetarium,

Boulder. The trip will begin and end near Grand Junction, CO.

Instructor: Sanlyn Buxner

Tuition Fee: \$434 (**\$100 deposit required upon enrollment**)

Get away from the city lights and view spectacular sights of the heavens along the Colorado River as you canoe through spectacular canyons. Learn about constellations, galaxies, life cycles of stars, deep sky objects, and new topics in astronomy, including the mission to Mars. Course includes activities for the classroom.

GEOLOGY OF THE GREEN RIVER BY CANOE, LEVELS I & II (K-12)

CT-9420-10M

3 semester credit hours

Dates & Times:

Lecture: July 26 (9:00am-4:30pm)

Canoe Trip: July 28-August 1

Locations: The lecture will be held at CSM, Golden.

The trip will begin and end in Moab, UT.

Instructor: Bob Dickerson

Tuition Fee: \$683 (**\$100 deposit required upon enrollment**)

Explore 60 miles of wilderness along Utah's peaceful Green River as it winds through the red-rock formations just north of Canyonlands National Park. The moving panorama of this twisting river is incomparable. Explore vast canyon systems which branch out in all directions on daily excursions, including one full-day exploration. The course will emphasize the unique geology of Utah's canyons with some discussion of the impact of man from early explorers to uranium mining.

To register , mail the CSM enrollment form along with the \$100 deposit (made payable to Centennial Canoe Outfitters) to:

Centennial Canoe Outfitters

P.O. Box 3365

Centennial, CO 80161-3365

720/283-0553 or toll-free 1/877/353-1850

E-mail: info@centennialcanoe.com

Register online: www.centennialcanoe.com

Centennial Canoe Outfitters will supply all canoes, group equipment, meals, and canoeing instruction prior to the trip. You are responsible for your transportation to the river and back. No previous canoeing experience is required.

Level II Courses

Former participants in Level I classes can qualify for Level II credit by completing a special project to be conducted concurrently with the basic class offering.

Summer 2010 Course Preview

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

CT-0706-10D

4 semester credit hours

Dates: June 3-12

Location: Scottish Highlands

Instructor: Joyce Webb

Tuition Fee: \$2,600 plus airfare

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 Isle of Skye. Wander with us along the back lanes of Edinburgh, and scan Loch Ness for legendary monsters.

To register or for more information, contact:

Melanie Phelps, 719/440-7180

melaniephe@aol.com

www.coloradorivertrip.com

MEXICO: MAYAN MYSTERIES AND CORAL ECOLOGY (K-12)

CT-0705-10D

4 semester credit hours

Dates: June 8-16

Location: Yucatan Peninsula, Mexico

Instructor: Melanie Phelps

Tuition Fee: \$1,820 plus airfare

Stand in awe at the power and demise of the Mayan culture, then slip beneath the crystal Caribbean seas as you snorkel or dive the Mexican coral reefs. Explore the mysteries, culture, and ecology of the Yucatan Peninsula, Mexico.

To register or for more information, contact:

Melanie Phelps, 719/440-7180

melaniephe@aol.com

www.coloradorivertrip.com

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

CT-0805-10D

5 semester credit hours

Dates: June 12-23

Location: Italy

Instructor: Joyce Webb

Tuition Fee: \$2,985 plus airfare

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 Siena. Experience Florence, the artistic 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:

Melanie Phelps, 719/440-7180

melaniephe@aol.com

www.coloradorivertrip.com

ECOLOGICAL CATTLE RANCHING (K-12)

CT-0300-10D

3 semester credit hours

Dates: June 12-19

Location: Dove Creek

Tuition Fee: \$130 (**payable during workshop**)

Registration Fee: \$1,200 (includes all meals, bunkhouse, horses, tours; **\$250 deposit required**)

Learn how an ecological cattle rancher works to maintain the balance between man and nature. Be an active participant in herding cattle from one area to another to prevent overgrazing. Study desert flora/fauna and wild horse management while riding through the beautiful canyonlands of southwest Colorado.

To register or for more information, contact:

Catherine Entihar

970/883-2548 or cjscolors@frontier.net

GATES OF LODORE AND BROWNS PARK RIVER TRIP (K-12)

CT-1004-10D

5 semester credit hours

Dates: June 20-29

Location: Flaming Gorge Reservoir

Instructor: Melanie Phelps

Tuition Fee: \$2,000

Explore the wilds of the west along the beautiful Green River. Delve into the geology of the Uintah Mountains, explore petroglyphs and dinosaurs of Vernal, and canoe past river otters, moose, and birds of Brown's Park Wildlife Reserve. White-water-raft for 5 days through one of the most spectacular canyons of the west – the Gates of Lodore.

To register or for more information, contact:

Melanie Phelps, 719/440-7180

melaniephe@aol.com

www.coloradorivertrip.com

ALL ABOUT MINING: A TOTAL CONCEPT OF THE MINING INDUSTRY (K-12)

CT-5700-10M

6 semester credit hours

Dates: June 21-July 16

Time: 7:30am-early afternoon (except on field trips)

Location: CSM campus, Golden

Instructors: Seventy-five authorities from industry, government, academia & private groups

Course Coordinator: Dan Witkowsky, 303/972-1814,

DanielWitkowsky@aol.com

Tuition Fee: \$200

Obtain a general overview of the minerals industries, including geology, mining, ore-processing, environmental responsibility, career opportunities, etc., from industry experts via classroom lectures and nine days of field trips to surface/underground mines and processing plants. Finish the course with a set of lesson plans, developed by course participants, that you can apply in your classroom this fall.

To register or for more information, contact:

CMA Education Foundation, Inc.

303/575-9199, FAX 303/575-9194

<http://www.allaboutmining.org>

PARIS TO NORMANDY: WORLD WAR I AND II SITES (K-12)

CT-0964-10M
4 semester credit hours
Dates: June 23-July 3
Locations: Belgium & France
Instructor: Joyce Webb
Tuition Fee: \$2,550 plus airfare

Explore trenches and bunkers used during the German occupation of Belgium's North Coast. Tour the battlefields in Southern Belgium's Flanders Field; then travel to Normandy for an in-depth view of WWII's beaches, cemeteries and other war sites. Continue your journey to Paris for a visit to one of the world's best WWI and II museums. Learn how the German occupation affected Belgium, Paris, and the rest of France.

To register or for more information, contact:

Melanie Phelps, 719/440-7180
melaniephe@aol.com
www.coloradorivertrip.com

HIGH COUNTRY EQUESTRIAN ADVENTURE I (K-12)

CT-9667-10M
3 semester credit hours
Dates:
Session I: June 27-July 2
Session II: July 11-16
Session III: July 25-30
Location: San Juan Mtns.
Tuition Fee: \$130 (**payable during workshop**)
Registration Fee: \$900 (includes all meals, group camping equipment, horse expenses, and wranglers; **\$250 deposit required**)

Take a horse pack trip through the beautiful wilderness area of the San Juan Mountains to observe flora and fauna in various altitude zones, incredible geological features, and the ecological impact of human activity in the mountains. Provide your own transportation to and from the trailhead north of Durango. You should be in good physical condition.

To register or for more information, contact:

Catherine J. Entihar
970/883-2548 or cjscolors@frontier.net

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

CT-0428-10M
3.5 semester credit hours
Dates: July 1-7
Location: Cliff Dweller's Lodge, AZ
Instructor: Melanie Phelps
Tuition Fee: \$2,890

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, 719/440-7180
melaniephe@aol.com
www.coloradorivertrip.com

MUSEUMS OF PARIS (K-12)

CT-04132-10M
4 semester credit hours
Dates: July 3-11
Location: Paris, France
Instructor: Joyce Webb
Tuition Fee: \$2,100 plus airfare

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:

Melanie Phelps, 719/440-7180
melaniephe@aol.com
www.coloradorivertrip.com

PEARL OF AFRICA – UGANDA (K-12)

CT-1007-10M
6 semester credit hours
Dates: July 13-27
Location: Uganda, Africa
Instructors: Joyce Webb, Melanie Phelps
Tuition Fee: \$3,720 plus airfare

Visit Africa's Great Rift Valley while tracking mountain gorillas and rhinos. View elephants, lions, zebras, and a plethora of birds and other African animals in their natural habitat. Trip includes a boat ride and rafting trip on the Nile plus a visit to a pygmy village.

To register or for more information, contact:

Melanie Phelps, 719/440-7180
melaniephe@aol.com
www.coloradorivertrip.com

EXPLORE GERMANY'S MOSEL AND RHINE VALLEYS (K-12)

CT-1008-10M
3.5 semester credit hours
Dates: July 28-August 5
Location: Germany
Instructors: Joyce Webb, Melanie Phelps
Tuition Fee: \$2,240 plus airfare

Experience two of the most beautiful river valleys of Europe while exploring ancient Roman ruins and medieval castles by bike. This is storybook Germany, a fairy-tale world of legends and robber-baron castles. Trip includes side bike trips to romantic Rothenburg and The Baths of Caracalla in Black Forest's Baden-Baden.

To register or for more information, contact:

Melanie Phelps, 719/440-7180
melaniephe@aol.com
www.coloradorivertrip.com

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: (____) _____

oMail ***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 class(es) 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 unless otherwise noted.

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

Teacher Enhancement Program
 Colorado School of Mines
 Golden, CO 80401-0028
 FAX: (303) 273-3314
 Phone: (303) 273-3303
<http://te.csmospace.com>

To pay by credit card:
 VISA MC AMEX DC
 Card # _____
 Exp. Date: _____
 Cardholder Name: _____
 Signature: _____