

# CONTINUING EDUCATION



Photo courtesy of Carnegie Branch Library for Local History, Boulder, CO.

**From shaking hands to putting out fires.** Principles of Public Relations. — p. 7

**Rhythm of a nation.** Music in American Culture. — p. 11

**Now's your time. Achieve your degree.** CU Complete. — p. 27

**Enriching Lives. Building Community.** Our 100<sup>th</sup> Anniversary.

**Explore more online:** Visit [conted.colorado.edu](http://conted.colorado.edu) for course updates.

## FALL '12

# 100

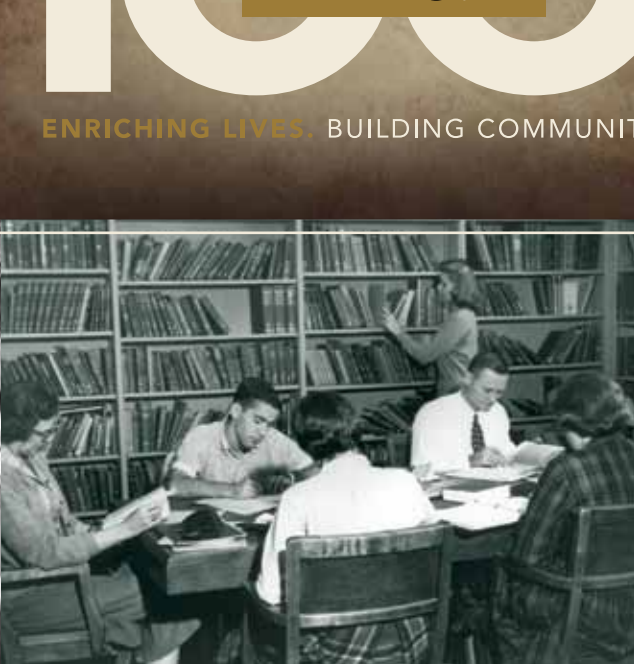
YEARS | 1912  
2012

ENRICHING LIVES. BUILDING COMMUNITY.



**100** YEARS | 1912 | 2012

ENRICHING LIVES. BUILDING COMMUNITY.



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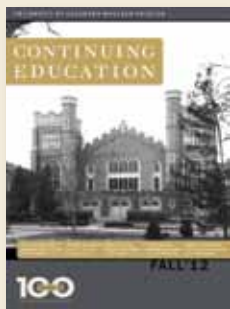
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### Let's get connected.

Visit [conted.colorado.edu/catalogs](http://conted.colorado.edu/catalogs) to be placed on the permanent mailing list.

For 100 years, the Division of Continuing Education at CU-Boulder has offered generations of students and community members access to the university's resources. The Department of Extension, as it was once called, was endorsed by the Board of Regents in 1911 and formally inaugurated in June 1912.

We are one-century strong, and we are delighted to commemorate 100 years of enriching lives and building community throughout 2012. We invite you to join in our centennial celebration. We are compiling stories about Continuing Education's impact on campus and in surrounding communities. Help us celebrate our first 100 years by sending your stories to [conted-marketing@colorado.edu](mailto:conted-marketing@colorado.edu) or call 303-492-3949.



## 2 Boulder Evening

University of Colorado credit courses offered weekdays after 5 pm through the departments of communication, English, mathematics, psychology, sociology, Spanish, and more.

## 8 Independent Learning

University credit courses via online—an excellent solution for disciplined independent learners.

## 20 CU on the Weekend

Weekend courses highlighting CU-Boulder faculty research and creative work.

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Convenient, flexible education for working professionals seeking master's degrees, graduate-level certificates, and skill-building short courses.

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An experience-based educational outreach program designed to stimulate scientific interest, understanding, and literacy among Colorado's youth, teachers, and families.

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Projects highlighting faculty research, creative work, and teaching aimed at audiences outside the university community.



## Introduction to Theatre and Development of the American Musical Theatre

JASON BISPING

“All art is a reflection of the society in which it appears. We can better

# UNDERSTAND

21st century social history by looking at musicals as evidence.”

“For instance, looking at a play like *Oklahoma*, from the early World War II era, we see what it says about patriotism, and what it means to be an American,” says Jason, who also works with CU’s Interactive Theatre Project, which introduces social justice theory by creating theatre pieces to encourage discussions around important social issues. “And, what does a production of *Oklahoma* mean to us today, when we are at war again?”

### TAKE CREDIT FOR LEARNING

**Use our evening courses to make significant progress toward a degree or to acquire a career-advancing skill without taking time away from the rest of your busy life. You can start a degree, finish one, enhance your employability, experiment with returning to college, or supplement your current on-campus course load. It all depends on you.**

**Boulder Evening credits are just like those awarded on main campus. Grades count toward your GPA. And your transcript doesn’t distinguish between evening and daytime courses. Talk with one of our advisors today.**

#### Eligibility

All you need is a high school diploma or GED. Individuals with University of Colorado service indicators (financial holds) or on academic suspension from the College of Engineering and Applied Science may not enroll.

If you are considering applying to CU-Boulder as a degree student in the future, meet with a Continuing Education academic advisor to learn about your academic options. We want to help you be successful at the University

of Colorado and meet your academic goals. Requirements for admission vary by your status (freshman, transfer, second-degree student), so set up an academic advising appointment before you enroll in classes. If you are under age 22, please bring copies of your high school transcript, any college transcripts, and your SAT or ACT scores to your advising appointment. For more information about admission procedures and registration status, call Continuing Education at 303-492-5148.

#### Resident Tuition Requirement

Colorado law requires that Continuing Education verify that students receiving in-state tuition, the College Opportunity Fund, and some types of financial aid are legally present in the United States. This applies to students in the ACCESS, Boulder Evening, Applied Music, Individualized Instruction, Engineering Management (on-campus), and Telecommunications (on-campus) programs.

You can verify your legal presence in one of three ways:

1. Complete an affidavit in person at Continuing Education or the University Registrar’s Office. You will need to bring an approved photo ID to complete the affidavit.
2. Complete and submit the Free Application for Federal Student Aid (FAFSA) at [www.fafsa.ed.gov](http://www.fafsa.ed.gov) or the College Opportunity Fund (COF) application at [cof.college-assist.org](http://cof.college-assist.org).
3. Download the PDF at [registrar.colorado.edu/students/pdf/affadavit\\_verifying\\_citizenship.pdf](http://registrar.colorado.edu/students/pdf/affadavit_verifying_citizenship.pdf). Mail the completed and notarized form to Continuing Education.

## BOULDER EVENING



If you do not verify your presence you will be reclassified as a nonresident of Colorado and charged the higher out-of-state tuition.

### Adding and/or Dropping Courses

Complete information on enrolling and dropping, along with deadlines, can be found on page 4. If you don't officially withdraw from a course, you may receive a grade of *F* for that course and you may be liable for any tuition and fees.

If you do not attend your course regularly during the first week through the last day to drop (see page 4), you **may** be administratively dropped. Check with your instructor or contact Continuing Education for additional information.

### Tuition

Boulder Evening tuition is assessed in addition to any tuition paid on campus (resident or nonresident).

Tuition is determined by your residency.

#### In-state tuition

\$278 per credit hour

#### Out-of-state tuition

Three credits or less is \$1,085\* per credit hour  
Four or more credits is \$14,976

The Division will charge the in-state tuition rate for Boulder Evening when a nonresident degree student pays full out-of-state tuition through the Boulder campus and then enrolls for additional Boulder Evening courses. A full tuition schedule is available at [conted.colorado.edu/student-resources/accounting/ceps-tuition](http://conted.colorado.edu/student-resources/accounting/ceps-tuition).

Some courses requiring special equipment or materials may be slightly higher.

### Residency

If you have lived in Colorado for the past 12 months, you may be eligible for in-state tuition rates although you may be asked for documentation. For additional information, please contact our classification coordinator at 303-492-5148.

### Final Exams and Grades

Final exams are held the last day of the class. See the list of courses by start date on pages 5-7. Final grades will be available at [mycuinfo.colorado.edu](http://mycuinfo.colorado.edu) approximately two weeks after a class ends. If you need an official transcript, visit the registrar's office website at [registrar.colorado.edu/students/transcripts.html](http://registrar.colorado.edu/students/transcripts.html) for information.

### Faculty and Staff Discounts

University of Colorado faculty and staff on at least a half-time, permanent appointment and retired faculty and staff may enroll in classes at a 50% tuition discount. Please provide proof of status when you enroll.

### Student Fees

Boulder Evening students have the option of paying student fees for use of the Recreation Center, Wardenburg Student Health Center, etc. including purchasing an RTD bus pass. Visit [conted.colorado.edu/student-resources/accounting](http://conted.colorado.edu/student-resources/accounting) for information.

## IMPORTANT DATES – FALL 2012

### FULL SESSION

**April 9:** Boulder Evening registration through MyCUInfo begins 7 am–midnight. Registration is also available by mail, fax, or in person at the Continuing Education Center, 1505 University, 8 am–5 pm Monday through Friday.

**September 3:** Labor Day holiday. University closed.

**September 4:** Full Session classes begin.

**September 5:** Deadline to apply for Nontraditional Student Scholarship.

**September 7:** Deadline to petition for in-state tuition classification for Full Session classes.

**September 18:** 11:59 pm deadline to enroll online using MyCUInfo (5 pm deadline in person) in Full Session classes, add your name to a wait list, request *pass/fail* status, or drop with a 100% refund.

11:59 pm deadline for Architecture, Business, Education, Engineering, Journalism, and Music degree students to drop Full Session classes online using MyCUInfo (5 pm deadline in person) without instructor's signature.

Withdrawals from Full Session classes after this date will appear as a *W* on your academic record and must be received in writing.

**September 19:** Instructor's signature required to withdraw from Full Session classes.

**September 26:** Tuition for Full Session due.

**October 2:** 5 pm deadline to withdraw from Full Session classes with a 60% refund.\*

**October 16:** 5 pm deadline to withdraw from Full Session classes with a 40% refund.\*

**October 17:** Petition required to add Full Session classes. Petition Forms documenting extenuating circumstances are available at Continuing Education.

**November 19-21:** Fall Break. No Classes.

**November 22-23:** Thanksgiving Holiday. University closed.

**November 26:** 5 pm deadline for Arts and Sciences degree students and nondegree students to withdraw from Full Session classes without signatures.

**November 27:** Instructor's signature and petition documenting extenuating circumstances required for Arts and Sciences degree students and nondegree students to withdraw from Full Session classes.

**December 11-17:** Full Session final exams.

### SESSION 1

**April 9:** Boulder Evening registration through MyCUInfo begins 7 am–midnight. Registration is also available by mail, fax, or in person at the Continuing Education Center, 1505 University, 8 am–5 pm Monday through Friday.

**September 3:** Labor Day holiday. University closed.

**September 4:** Session 1 classes begin.

**September 5:** Deadline to apply for Nontraditional Student Scholarship.

**September 7:** Deadline to petition for in-state tuition classification for Session 1 classes.

**September 11:** 11:59 pm deadline to enroll online using MyCUInfo (5 pm deadline in person) in Session 1 classes, add your name to a wait list, request *pass/fail* status, or drop with a 100% refund.

11:59 pm deadline for Architecture, Business, Education, Engineering, Journalism, and Music degree students to drop Session 1 classes online using MyCUInfo (5 pm deadline in person) without instructor's signature.

Withdrawals from Session 1 classes after this date will appear as a *W* on your academic record and must be received in writing.

**September 12:** Instructor's signature required to withdraw from Session 1 classes.

**September 18:** 5 pm deadline to withdraw from Session 1 classes with a 60% refund.\*

**September 25:** 5 pm deadline to withdraw from Session 1 classes with a 40% refund.\*

**September 26:** Petition required to add Session 1 classes. Petition Forms documenting extenuating circumstances are available at Continuing Education.

Tuition for Session 1 due.

**October 10:** 5 pm deadline for Arts and Sciences degree students and nondegree students to withdraw from Session 1 classes without signatures.

**October 11:** Instructor's signature and petition documenting extenuating circumstances required for Arts and Sciences degree students and nondegree students to withdraw from Session 1 classes.

**October 18:** Session 1 final exams.

### SESSION 2

**April 9:** Boulder Evening registration through MyCUInfo begins 7 am–midnight. Registration is also available by mail, fax, or in person at the Continuing Education Center, 1505 University, 8 am–5 pm Monday through Friday.

**September 3:** Labor Day holiday. University closed.

**September 5:** Deadline to apply for Nontraditional Student Scholarship.

**October 22:** Session 2 classes begin.

**October 26:** Deadline to petition for in-state tuition classification for Session 2 classes.

**October 29:** 11:59 pm deadline to enroll online using MyCUInfo (5 pm deadline in person) in Session 2 classes, add your name to a wait list, request *pass/fail* status, or drop with a 100% refund.

11:59 pm deadline for Architecture, Business, Education, Engineering, Journalism, and Music degree students to drop Session 2 classes online using MyCUInfo (5 pm deadline in person) without instructor's signature.

Withdrawals from Session 2 classes after this date will appear as a *W* on your academic record and must be received in writing.

**October 30:** Instructor's signature required to withdraw from Session 2 classes.

**November 5:** 5 pm deadline to withdraw from Session 2 classes with a 60% refund.\*

Tuition for Session 2 due.

**November 12:** 5 pm deadline to withdraw from Session 2 classes with a 40% refund.\*

**November 13:** Petition required to add Session 2 classes. Petition Forms documenting extenuating circumstances are available at Continuing Education.

**November 19-21:** Fall Break. No Classes.

**November 22-23:** Thanksgiving Holiday. University closed.

**December 5:** 5 pm deadline for Arts and Sciences degree students and nondegree students to withdraw from Session 2 classes without signatures.

**December 6:** Instructor's signature and petition documenting extenuating circumstances required for Arts and Sciences degree students and nondegree students to withdraw from Session 2 classes.

**December 12-13:** Session 2 final exams.

*\*All refund requests must be received in writing.*

## BOULDER EVENING

### COURSES BY START DATE

Course No.—Hours	Sec.	Class No.	Times	Course Title	Core	Resident Tuition
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#### FULL SESSION

Tuesday and Thursday course begins August 28 and ends December 13

*ARTS 1010-3	300	32749	5-8 pm	Introduction to Studio Art	none	\$1,059
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Monday courses begin September 10 and end December 17

*BCOR 2300-3	300	32755	6-8 pm	Adding Value with Management	business core	\$834
*CLAS 1051-3	300	32761	6:30-8:30 pm	The World of the Ancient Greeks	historical context	\$834
COMM 3410-3	300	32765	6-9 pm	Intercultural Communication	human diversity	\$849
EBIO 1210-3	301	34280	6-9 pm	General Biology 1	natural science	\$834
*ECON 2010-4	300	32775	6-8 pm	Principles of Microeconomics	contemporary societies	\$1,112
ENGL 1191-3	300	32779	6:30-9:30 pm	Introduction to Creative Writing	none	\$834
ENGL 3000-3	300	32782	6-9 pm	Shakespeare for Nonmajors	literature and the arts	\$834
*GEOG 4110-3	300	32803	6:30-8:30 pm	Special Topics in Geography: World Water Today and Tomorrow	none	\$834
*HIST 1025-3	300	32806	6-8 pm	History of the United States since 1865	United States context	\$834
MATH 1012-3	300	32827	6-9 pm	Quantitative Reasoning and Mathematical Skills	quantitative reasoning and mathematical skills	\$834
*PSCI 2004-3	300	32881	6-8 pm	Survey of Western Political Thought	ideals and values	\$834
*PSCI 3054-3	300	34991	6-8 pm	American Political Thought	United States context	\$834
*PSYC 2012-3	300	32886	6-8 pm	Biological Psychology 1	natural science	\$834
*SOCY 2061-3	300	32893	6-8:30 pm	Introduction to Social Statistics	none	\$834
*SPAN 2110-3	300	32912	6-8 pm	Second-Year Spanish 1	foreign language	\$854
*WRTG 3020-3	301	32918	6-7:30 pm	Topics in Writing: Best American Essays	written communication	\$844

Monday and Wednesday courses begin September 5 and end December 12

ARTS 1875-3	300	32752	2-5 pm	Ceramics for Non-Majors	none	\$1,059
BCOR 2000-4	300	32754	6-8 pm	Accounting and Financial Analysis	business core	\$1,112
*SPAN 1010-5	300	32908	5-7 pm	Beginning Spanish 1	foreign language	\$1,410
*SPAN 1020-5	300	32910	6-8 pm	Beginning Spanish 2	foreign language	\$1,410

Tuesday courses begin September 4 and end December 11

*ANTH 2010-3	300	32597	6:30-8:30 pm	Introduction to Physical Anthropology 1	natural science	\$834
ARTH 1400-3	300	32603	6-9 pm	History of World Art 2	literature and the arts	\$909
BCOR 1010-3	300	32753	6-9 pm	Introduction to Business	business core	\$834
COMM 1300-3	300	32763	6-9 pm	Public Speaking	none	\$849
FILM 3002-3	301	32796	6-9 pm	Major Film Movements: Contemporary Documentaries	none	\$944



Course descriptions are available at  
[conted.colorado.edu/evening](http://conted.colorado.edu/evening)

**COURSES BY START DATE** (continued)

Course No.–Hours	Sec.	Class No.	Times	Course Title	Core	Resident Tuition
<b>Tuesday courses begin September 4 and end December 11</b> (continued)						
*GEOG 1992-3	300	32800	6:30-8:30 pm	Human Geographies	none	\$834
*IPHY 2420-3	301	32814	6-8 pm	Nutrition for Health and Performance	natural science	\$834
MATH 2510-3	300	32835	6-9 pm	Introduction to Statistics	none	\$834
*MUEL 1832-3	300	32837	6-8 pm	Appreciation of Music	literature and the arts	\$869
MUEL 2852-3	300	32874	6-9 pm	Music of the Rock Era	literature and the arts	\$869
*PHIL 1000-3	300	32878	6-8 pm	Introduction to Philosophy	ideals and values	\$834
*SOCY 2031-3	300	32892	7-9 pm	Social Problems	ideals and values	\$834
SOCY 4024-3	300	32907	6:15-9:15 pm	Juvenile Delinquency	contemporary societies	\$834
SOCY 4131-3	300	34530	6-9 pm	Advanced Topics in Sociology: Visual Sociology	none	\$834
*WRTG 3020-3	302	32919	6-7:30 pm	Topics in Writing: Language, Power, Perception	written communication	\$844

**Tuesday and Thursday course begins September 4 and ends December 13**

MATH 1300-5	300	32833	6-8:30 pm	Calculus 1	quantitative reasoning and mathematical skills	\$1,390
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**Wednesday courses begin September 5 and end December 12**

*CLAS 1061-3	300	32762	6-8 pm	The Rise and Fall of Ancient Rome	historical context	\$834
*EBIO 1210-3	302	34281	6-8 pm	General Biology 1	natural science	\$834
ENGL 3164-3	300	32789	6-9 pm	History and Literature of Georgian England	historical context	\$834
*GEOG 1982-3	300	32799	6-8 pm	World Regional Geography	none	\$834
GEOG 3251-3	300	32801	6-9 pm	Mountain Geography	none	\$834
*IPHY 2420-3	302	32815	6-8 pm	Nutrition for Health and Performance	natural science	\$834
*PHIL 1600-3	300	32880	6-8 pm	Philosophy and Religion	ideals and values	\$834



**Chelsea Lee Farese**

Intro to Studio Art

**“I was a psychology major, but after taking this class I was inspired to change my major to art. I have a learning disability, so classes with a lot of reading are hard for me. Art is a means of expressing myself without words. Through art, I am able to express and share with others my observations of society and my own life experiences.”**



## BOULDER EVENING

### COURSES BY START DATE

Course No.–Hours	Sec.	Class No.	Times	Course Title	Core	Resident Tuition
<b>Wednesday courses begin September 5 and end December 12 (continued)</b>						
*PSCI 4703-3	300	32884	5:30-7:30 pm	Alternative World Futures	none	\$834
PSYC 1001-3	300	32885	6:30-9:30 pm	General Psychology	none	\$834
*RLST 2500-3	300	32888	6-8 pm	Religions in the United States	United States context or ideals and values	\$834
*SOCY 1001-3	300	32890	7-9 pm	Introduction to Sociology	contemporary societies	\$834
*SOCY 2034-3	300	34508	6-8 pm	Drugs in United States Society	none	\$834
THTR 3011-3	300	32915	6-9 pm	Development of the American Musical Theatre	literature and the arts	\$879
*WMST 2000-3	300	32916	6:30-8:30 pm	Introduction to Feminist Studies	human diversity	\$834

### Thursday courses begin September 6 and end December 13

*ANTH 3010-3	300	32602	6:30-8:30 pm	The Human Animal	natural science	\$834
*ECON 2020-4	300	32778	6-9 pm	Principles of Macroeconomics	contemporary societies	\$1,112
ENGL 3060-3	300	32787	6-9 pm	Modern and Contemporary Literature for Nonmajors	literature and the arts	\$834
HIST 1020-3	300	32805	6-9 pm	Western Civilization 2: 16th Century to the Present	historical context	\$834
*JOUR 4272-3	300	32816	6-8 pm	Principles of Public Relations	none	\$834
MATH 1011-3	300	32821	6-9 pm	Fundamentals and Techniques of College Algebra	quantitative reasoning and mathematical skills	\$834
*MUEL 2772-3	300	32869	6-8 pm	World Musics: Asia and Oceania	human diversity	\$869
*PHIL 1100-3	300	32879	6-8 pm	Ethics	ideals and values	\$834
*PSYC 2145-3	300	32887	6-8 pm	Introductory Cognitive Psychology	none	\$834
SOCY 3151-3	300	32894	6:30-9:30 pm	Self in Modern Society	United States context or ideals and values	\$834
THTR 1009-3	300	32913	6-9 pm	Introduction to Theatre	literature and the arts	\$879

### SESSION 1

#### Tuesday and Thursday courses begin September 4 and end October 18

*GEOG 1001-4	100	32797	6-8 pm	Environmental Systems 1: Climate and Vegetation	natural science	\$1,112
*RLST 3000-3	100	32889	6-8 pm	Christian Traditions	historical context	\$834

### SESSION 2

#### Monday and Wednesday course begins October 22 and ends December 12

ENGL 3060-3	200	32785	6-9 pm	Modern and Contemporary Literature for Nonmajors	literature and the arts	\$834
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#### Tuesday and Thursday course begins October 23 and ends December 13

*GEOG 1011-4	200	32798	6-8 pm	Environmental Systems 2: Landscapes and Water	natural science	\$1,112
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Course descriptions are available at  
[conted.colorado.edu/evening](http://conted.colorado.edu/evening)

Neurobiology of Learning and Memory

JERRY RUDY

“How can memories last for weeks or years when they are made by

**M O L E C U L E S**

in the brain that are going to die within hours?”

“The fundamental basis for how memories are stored is now beginning to be understood,” says Jerry, who has been a professor and researcher at CU for nearly 30 years. “I developed this class years ago because the field of biological neuroscience is maturing quickly and has so much to offer. I developed the online class to give students access to the course without having to be on campus.”

**THE ULTIMATE IN FLEXIBILITY WITH CU QUALITY.**

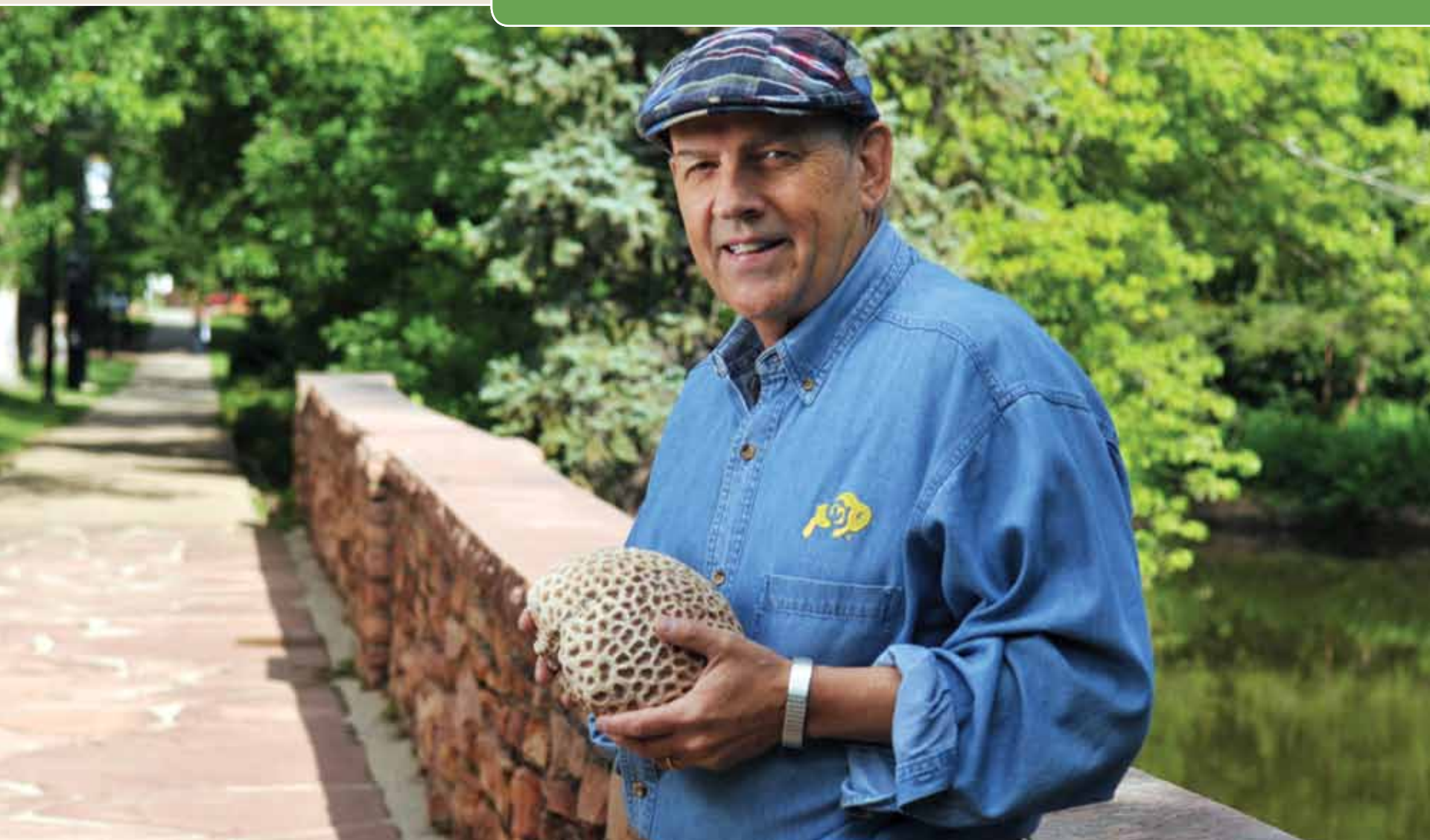
**You call the shots – by deciding when, where, and how you learn.**

**Independent Learning lets you start your study any time of the year.**

**You can complete courses over the Internet; choose from self-paced classes that you complete according to your calendar; or term-based classes that follow the semester calendar. Online classes allow rich interaction with your instructor and other students.**

**Think of the possibilities. You can earn extra credit toward your degree, enhance and develop your job skills, prepare for a career change, or just satisfy your curiosity – all at your own convenience.**

## INDEPENDENT LEARNING



So, it's up to you to challenge yourself and to decide how you want to take a course. Complete course descriptions and additional information are available at [conted.colorado.edu/independent](https://conted.colorado.edu/independent) or call 303-492-5148.

If you are considering applying to CU-Boulder as a degree student in the future, meet with a Continuing Education academic advisor to learn about your academic options. We want to help you be successful at the University of Colorado and meet your academic goals. Requirements for admission vary by your status (freshman, transfer, second degree student), so set up an academic advising appointment before you enroll in classes. If you are under age 22, please bring copies of your high school transcript, any college transcripts, and your SAT or ACT scores to your advising appointment. Advising appointments can be held by phone or in person. To make an appointment online and explore your options visit [conted.colorado.edu/student-resources](https://conted.colorado.edu/student-resources). For more information about admission procedures and registration status, call Continuing Education at 303-492-5148.

### Faculty and Staff Discounts

University of Colorado faculty and staff on at least a half-time appointment are eligible for a 20% discount on most courses with the exception of the Writing and Rhetoric courses.

### Course Information

These University of Colorado credit classes are approved by the individual departments and are offered in two formats:

#### Term-based Online Courses

Term-based online courses follow a fixed calendar so that all students will be on the same schedule and can regularly interact with each other online.

#### Self-paced Online Courses

Self-paced online courses allow you up to 6 months to finish and can be extended for another 6 months. All course communications are conducted online. Many of these courses involve online interaction among students and a broad range of web activities.

### Independent Learning also offers:

#### Applied Music

Private and small group for-credit music instruction with the Applied Music program (see page 16).

#### Individualized Instruction

For special cases when a student needs a course that is unavailable (talk to your advisor or call 303-492-5148 for more information).

#### New this Fall: CU Youth Piano Program

Group classes or private lessons for youth ages 6 to 17 years (see page 16).

### TERM-BASED ONLINE COURSES

These courses are offered on a term basis in order to provide rich interaction with your instructor and the other students in the course. The courses follow a calendar of assignments and examinations. Note the term dates carefully. These courses are conducted as virtual seminars, requiring significant amounts of writing and significant amounts of interaction with the instructor and other students. Plan on 90 hours of work in addition to approximately 45 hours with the study guide.

### TERM-BASED COURSES BY START DATE

Course No.–Hours	Section	Class No.	Course Title	Core	Tuition
<b>Session IL 3 – 14 weeks: September 4 – December 14</b>					
ATLS 3519-3	581	33877	Special Topics in Technology, Arts, and Media: Universal Design for Digital Media	none	\$1,029
COMM 2400-3	581	32585	Discourse, Culture, and Identities	human diversity	\$1,029
COMM 2500-3	581	32586	Interpersonal Communication	none	\$1,029
COMM 3310-3	581	32587	Principles and Practices of Argumentation	none	\$1,029
COMM 3320-3	581	32590	Persuasion in Society	none	\$1,029
COMM 3610-3	581	32591	Communication, Technology, and Society	none	\$1,029
EBIO 1210-3	581	36775	General Biology 1	natural science	\$1,029
ENGL 1600-3	581	32592	Masterpieces of American Literature	literature and the arts	\$1,029
ENGL 1800-3	581	32593	American Ethnic Literatures	human diversity	\$1,029
ENGL 2036-3	581	36179	Introduction to Digital Media in the Humanities	none	\$1,029
ENGL 3000-3	581	32594	Shakespeare for Nonmajors	literature and the arts	\$1,029
ENGL 3000-3	582	32595	Shakespeare for Nonmajors	literature and the arts	\$1,029
ENGL 3060-3	581	32598	Modern and Contemporary Literature for Nonmajors	literature and the arts	\$1,029
ENGL 3060-3	582	32599	Modern and Contemporary Literature for Nonmajors	literature and the arts	\$1,029
ENGL 3246-3	581	32601	Topics in Popular Culture: Literature of the American West	none	\$1,029
ENGL 3267-3	581	36180	Women Writers	none	\$1,029
ENGL 3563-3	582	36198	Early Shakespeare	none	\$1,029
ENGL 3665-3	581	32605	American Literature after 1860	none	\$1,029
ENGL 4245-3	581	32606	American Novel 2	none	\$1,029

### IMPORTANT DATES FOR TERM-BASED ONLINE COURSES

#### Fall 2012

	Session IL 3 (14 weeks)	Session IL 4 (5/10 weeks)	Session IL 1 (7 weeks)	Session IL 2 (5/7 weeks)
Registration Begins	April 9	April 9	April 9	April 9
Course Begins	September 4	September 17	September 4	October 22
5 pm deadline to enroll, add your name to a wait list, request pass/fail status, or drop with a 100% refund *†	September 18	September 24	September 11	October 29
5 pm deadline to withdraw with a 60% refund	October 2	October 1	September 18	November 5
Tuition Due	September 26	September 26	September 26	November 5
5 pm deadline to withdraw with a 40% refund	October 16	October 8	September 25	November 12
5 pm deadline for Arts and Sciences degree students and non-degree students to withdraw from classes without any signatures	November 9	5 week: October 12 10 week: November 9	October 12	5 week: November 16 7 week: December 7
Course Ends	December 14	5 week: October 19 10 week: November 30	October 19	5 week: November 30 7 week: December 14

\* 5 pm deadline for Architecture, Business, Education, Engineering, Journalism, and Music degree students to drop without instructor's signature. Withdrawals from classes after this date will appear as a W on your academic record and must be received in writing.

† Petition required to add classes after this date. Petition Forms documenting extenuating circumstances are available at Continuing Education.

## INDEPENDENT LEARNING

Course No.–Hours	Section	Class No.	Course Title	Core	Tuition
FILM 1002-3	581	32751	Film Analysis for Non-Majors	none	\$1,114
GEOG 1001-4	581	36503	Environmental Systems 1: Climate and Vegetation	natural science	\$1,372
GEOG 1011-4	581	33997	Environmental Systems 2: Landscapes and Water	natural science	\$1,372
GEOG 4501-3	581	32764	Water Resources and Water Management of Western United States	none	\$1,029
GEOG 5501-3	581	32766	Water Resources and Water Management of Western United States	none	\$1,329
GEOL 1010-3	581	32767	Introduction to Geology	natural science	\$1,029
HIST 1010-3	581	32770	Western Civilization 1: From Antiquity to the 16th Century	historical context	\$1,029
HIST 1015-3	581	32772	History of the United States to 1865	United States context	\$1,029
HIST 1020-3	581	32773	Western Civilization 2: 16th Century to the Present	historical context	\$1,029
HIST 1025-3	581	32774	History of the United States since 1865	United States context	\$1,029
HIST 1123-3	581	32776	Introduction to British History since 1660	historical context	\$1,029
HIST 2100-3	581	32777	Revolution in History: Haitian Revolution of 1791-1804	historical context	\$1,029
IPHY 2420-3	581	32783	Nutrition for Health and Performance	natural science	\$1,029
IPHY 2420-3	582	32784	Nutrition for Health and Performance	natural science	\$1,029
IPHY 3430-3	581	32786	Introduction to Human Physiology	none	\$1,029
JOUR 4301-3	581	32788	Media Ethics	none	\$1,029
JOUR 4651-3	581	36776	Media Law	none	\$1,029
JOUR 5301-3	581	32790	Media Ethics	none	\$1,329
MATH 1011-3	581	32791	Fundamentals and Techniques of College Algebra	quantitative reasoning and mathematical skills	\$1,029
MATH 1012-3	581	32792	Quantitative Reasoning and Mathematical Skills	quantitative reasoning and mathematical skills	\$1,029
MATH 1071-3	581	32794	Finite Mathematics for Social Science and Business	quantitative reasoning and mathematical skills	\$1,029
MATH 1081-3	581	32795	Calculus for Social Science and Business	quantitative reasoning and mathematical skills	\$1,029
MATH 1150-4	581	32817	Precalculus Mathematics	quantitative reasoning and mathematical skills	\$1,372
MATH 2510-3	581	32818	Introduction to Statistics	none	\$1,029
MUEL 1081-3	581	32822	Basic Music Theory	none	\$1,029
MUEL 2752-3	581	32823	Music in American Culture	United States context	\$1,029
NRSC 4032-3	581	32819	Neurobiology of Learning and Memory	none	\$1,029
NRSC 5032-3	581	32820	Neurobiology of Learning and Memory	none	\$1,329
PHIL 1000-3	581	32824	Introduction to Philosophy	ideals and values	\$1,029
PHIL 1100-3	581	32825	Ethics	ideals and values	\$1,029
PHIL 1400-3	581	32826	Philosophy and the Sciences	natural science	\$1,029
PHIL 2390-3	581	32829	Philosophy and Psychology	none	\$1,029
PHIL 3180-3	581	32830	Critical Thinking: Contemporary Topics	none	\$1,029
PSCI 1101-3	581	32831	The American Political System	contemporary societies or United States context	\$1,029
PSCI 2012-3	581	32832	Introduction to Comparative Politics	contemporary societies	\$1,029
PSCI 2106-3	581	32834	Introduction to Public Policy Analysis	none	\$1,029
PSCI 2223-3	581	32836	Introduction to International Relations	contemporary societies	\$1,029
PSCI 3163-3	581	32838	American Foreign Policy	United States context	\$1,029
PSYC 3101-4	581	36777	Statistics and Research Methods in Psychology	none	\$1,372
SLHS 5032-3	581	32839	Competencies and Strategies for the SLPA	none	\$1,329
SLHS 5930-4	581	32841	Speech Language Pathology Assistant Internship	none	\$1,772



**Course descriptions are available at**  
[conted.colorado.edu/independent](http://conted.colorado.edu/independent)

## TERM-BASED COURSES BY START DATE (continued)

Course No.–Hours	Section	Class No.	Course Title	Core	Tuition
<b>Session IL 3 – 14 weeks: September 4 – December 14 (continued)</b>					
SOCY 1021-3	581	32845	United States Race and Ethnic Relations	United States context	\$1,029
SOCY 2031-3	581	32846	Social Problems	ideals and values	\$1,029
SOCY 2044-3	581	32848	Crime and Society	none	\$1,029
SOCY 2077-3	581	32849	Environment and Society	ideals and values	\$1,029
SOCY 3042-3	581	32850	Topics in Population and Health: Death and Dying	none	\$1,029
SOCY 3161-3	581	34956	Sociological Perspectives on Race and Ethnicity	none	\$1,029
WRWG 1150-3	581	32851	First-Year Writing and Rhetoric	written communication	\$1,029
WRWG 1150-3	582	32852	First-Year Writing and Rhetoric	written communication	\$1,029
WRWG 1150-3	583	34227	First-Year Writing and Rhetoric	written communication	\$1,029
WRWG 3020-3	581	34230	Topics in Writing: Multicultural Rhetorics	written communication	\$1,029
WRWG 3020-3	582	34231	Topics in Writing: Food and Culture	written communication	\$1,029
WRWG 3020-3	583	34233	Topics in Writing: Sports in American Culture	written communication	\$1,029
WRWG 3020-3	584	34236	Topics in Writing: Environmental Writing	written communication	\$1,029
WRWG 3020-3	585	34237	Topics in Writing: Writing on <i>The New York Times</i>	written communication	\$1,029
WRWG 3020-3	586	34238	Topics in Writing: Food and Culture	written communication	\$1,029
WRWG 3020-3	587	34239	Topics in Writing: Gender, Sexuality, and New Media	written communication	\$1,029
WRWG 3030-3	581	34241	Writing on Science and Society	written communication	\$1,029
WRWG 3030-3	582	34242	Writing on Science and Society	written communication	\$1,029
WRWG 3030-3	583	34243	Writing on Science and Society	written communication	\$1,029
WRWG 3040-3	581	34245	Writing on Business and Society	written communication	\$1,029
WRWG 3040-3	582	34246	Writing on Business and Society	written communication	\$1,029
WRWG 3040-3	583	34247	Writing on Business and Society	written communication	\$1,029
WRWG 3040-3	584	34248	Writing on Business and Society	written communication	\$1,029
<b>Session IL 1 – 7 weeks: September 4 – October 19</b>					
ATOC 1050-3	581	32574	Weather and the Atmosphere	natural science	\$1,029
<b>Session IL 4 – 5 weeks: September 17 – October 19</b>					
WRWG 3090-1	581	34313	Open Topics in Writing: Advanced	none	\$343
<b>Session IL 4 – 10 weeks: September 17 – November 30</b>					
ENGL 3000-3	583	32596	Shakespeare for Nonmajors	literature and the arts	\$1,029
<b>Session IL 2 – 5 weeks: October 22 – November 30</b>					
WRWG 3090-2	582	34314	Open Topics in Writing: Advanced	none	\$686
<b>Session IL 2 – 7 weeks: October 22 – December 14</b>					
ATOC 1060-3	581	32575	Our Changing Environment: El Niño, Ozone, and Climate	natural science	\$1,029
PHIL 1000-3	581	36282	Introduction to Philosophy	ideals and values	\$1,029

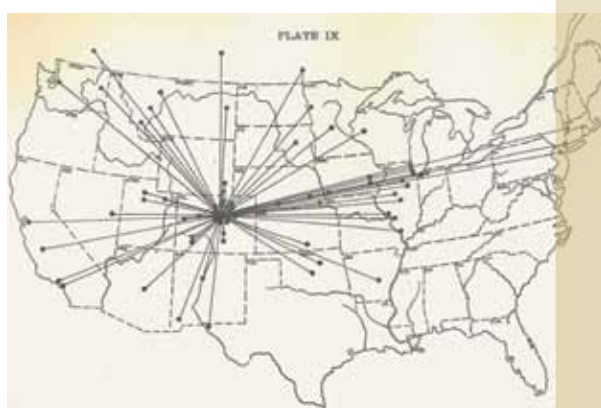


Course descriptions are available at [conted.colorado.edu/independent](http://conted.colorado.edu/independent)

## INDEPENDENT LEARNING

### SELF-PACED ONLINE COURSES

Course No.-Hours	Section	Course Title	Core	Tuition
<b>ANTHROPOLOGY</b>				
ANTH 2070-3	641	Bones, Bodies, and Disease	none	\$1,029
<b>ART AND ART HISTORY</b>				
ARTS 1012-3	640	Drawing for Non-Majors	none	\$1,029
<b>ASTROPHYSICAL AND PLANETARY SCIENCES</b>				
ASTR 1000-3	640	The Solar System	natural science	\$1,029
<b>ECOLOGY AND EVOLUTIONARY BIOLOGY</b>				
EBIO 1030-3	641	Biology: A Human Approach 1	natural science	\$1,029
EBIO 1040-3	641	Biology: A Human Approach 2	natural science	\$1,029
EBIO 4100-3	640	Advanced Ecology: Tropical Conservation	none	\$1,029
<b>ECONOMICS</b>				
ECON 2010-4	640	Principles of Microeconomics	contemporary societies	\$1,372
ECON 2020-4	640	Principles of Macroeconomics	contemporary societies	\$1,372
ECON 3403-3	640	International Economics and Policy	contemporary societies	\$1,029
ECON 4111-3	640	Money and Banking Systems	none	\$1,029
<b>EDUCATION</b>				
EDUC 3621-3	641	Art for the Elementary Teacher	none	\$1,029
EDUC 4161-3	640	Children's Literature	none	\$1,029



# 1924

#### RADIO BROADCASTING

Ten radio programs featuring CU faculty and local musicians were delivered. Each program included musical numbers, a reading, a short talk, and a resume of university findings. Letters from “radio fans” were received from listeners nationwide.

**100** YEARS 1912-2012  
ENRICHING LIVES. BUILDING COMMUNITY.

**ENGLISH**

ENGL 1260-3	640	Introduction to Women’s Literature	human diversity	\$1,029
ENGL 1500-3	640	Masterpieces of British Literature	literature and the arts	\$1,029
ENGL 1600-3	641	Masterpieces of American Literature	literature and the arts	\$1,029
ENGL 3000-3	641	Shakespeare for Nonmajors	literature and the arts	\$1,029
ENGL 3060-3	641	Modern and Contemporary Literature	literature and the arts	\$1,029
ENGL 3116-3	640	Topics in Advanced Theory: Postmodernism	none	\$1,029
ENGL 3267-3	640	Women Writers	none	\$1,029
ENGL 3553-3	640	Geoffrey Chaucer	none	\$1,029
ENGL 3655-3	641	American Literature to 1860	none	\$1,029
ENGL 3665-3	641	American Literature after 1860	none	\$1,029

**ENVIRONMENTAL STUDIES**

ENVS 5001-3	640	Environmental Philosophy	none	\$1,329
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**GEOGRAPHY**

GEOG 1001-4	640	Environmental Systems 1: Climate and Vegetation	natural science	\$1,372
GEOG 1982-3	640	World Regional Geography	none	\$1,029
GEOG 1992-3	641	Human Geographies	none	\$1,029
GEOG 2412-3	640	Environment and Culture	none	\$1,029
GEOG 3251-3	640	Mountain Geography	none	\$1,029

**GEOLOGICAL SCIENCES**

GEOL 1010-3	641	Introduction to Geology	natural science	\$1,029
GEOL 1020-3	640	Introduction to Earth History	natural science	\$1,029

**HISTORY**

HIST 1010-3	641	Western Civilization 1: From Antiquity to the 16th Century	historical context	\$1,029
HIST 1015-3	640	History of the United States to 1865	United States context	\$1,029
HIST 1020-3	641	Western Civilization 2: 16th Century to the Present	historical context	\$1,029
HIST 1025-3	640	History of the United States since 1865	United States context	\$1,029

**Brooke O’Neal**

Calculus for Social Science and Business

**“The instructor was incredible and I really learned a lot. He helped explain material I was having trouble with, and after grading my homework, he would explain where I went wrong so that I could learn from my mistakes. I liked the self-paced aspect of the online class. I managed my time efficiently and stayed on top of my homework.”**





## INDEPENDENT LEARNING

### JOURNALISM

JOUR 1001-3	640	Contemporary Media Analysis	none	\$1,029
JOUR 3771-3	641	Media and Communication History	none	\$1,029
JOUR 4321-3	640	Media Institutions and Economics	none	\$1,029

### MATHEMATICS

MATH 1071-3	640	Finite Mathematics for Social Science and Business	quantitative reasoning and mathematical skills	\$1,029
MATH 1081-3	640	Calculus for Social Science and Business	quantitative reasoning and mathematical skills	\$1,029

### MUSIC

MUEL 2752-3	640	Music in American Culture	United States context	\$1,029
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### PEACE AND CONFLICT STUDIES

PACS 3800-3	640	Topics in Peace and Conflict Studies	none	\$1,054
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### PHILOSOPHY

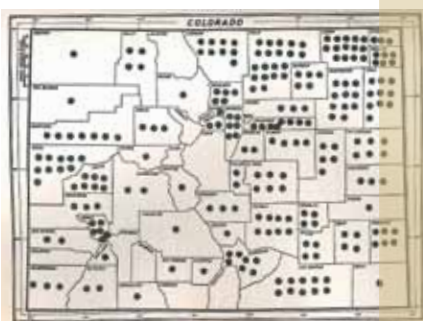
PHIL 1100-3	640	Ethics	ideals and values	\$1,029
PHIL 3140-3	640	Environmental Ethics	ideals and values	\$1,029
PHIL 5240-3	640	Seminar in Environmental Philosophy	none	\$1,329

### PSYCHOLOGY

PSYC 1001-3	641	General Psychology	none	\$1,029
PSYC 1001-3	642	General Psychology	none	\$1,029
PSYC 2012-3	641	Biological Psychology 1	natural science	\$1,029
PSYC 2145-3	641	Introductory Cognitive Psychology	none	\$1,029
PSYC 2606-3	640	Social Psychology	contemporary societies	\$1,029
PSYC 3101-4	641	Statistics and Research Methods in Psychology	none	\$1,372
PSYC 4303-3	641	Abnormal Psychology	none	\$1,029
PSYC 4456-3	640	Psychology of Personality	none	\$1,029
PSYC 4511-3	641	History of Psychology	none	\$1,029
PSYC 4684-3	641	Developmental Psychology	none	\$1,029

### SOCIOLOGY

SOCY 1001-3	641	Introduction to Sociology	contemporary societies	\$1,029
SOCY 1016-3	640	Sex, Gender, and Society 1	human diversity	\$1,029
SOCY 4014-3	641	Criminology	none	\$1,029
SOCY 4021-3	641	Conflict Management in Social Systems	none	\$1,054
SOCY 4086-3	641	Family and Society	none	\$1,029



# 1986

#### CONNECTING WITH COLORADO

Vice Chancellor for Academic Affairs Bruce Ekstrand established a grant program for faculty to deliver statewide outreach programs to Colorado citizens. The fund is now administered by a faculty committee coordinated by the Office of University Outreach.

**100** YEARS 1912-2012  
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**Olivia Fontanese**

Piano

**“My uncle is a professional musician and has given me many, many music lessons in my life. I’ve been playing guitar for as long as I can remember and I also play classical violin. I love learning piano because it is all music theory. Everything is right there and you don’t have to guess. I find it very calming.”**

**APPLIED MUSIC PROGRAM**

The Applied Music Program allows students to earn 2 hours of CU credit while receiving private or group music lessons. Private lessons are offered through Performance Music (PMUS). Group lessons are offered through Elective Music (MUEL). Students must furnish their own instruments, except piano and drum set. Styles include classical, jazz, and rock.

**Group classes include:**

- Guitar
- Piano
- Hand Drum Circle

**Private (one-on-one) instruction is available on:**

- Guitar
- Piano
- Voice
- Percussion
- Mandolin
- Banjo
- Harp
- Winds
- Brass
- Strings

**Tuition**

\$608 for 2 credit hours.  
*Nonresident students taking four (4) or more credit hours through Continuing Education may be subject to out-of-state tuition assessment.*

Learn more at [conted.colorado.edu/appliedmusic](http://conted.colorado.edu/appliedmusic), e-mail the applied music advisor at [apppmusic@colorado.edu](mailto:apppmusic@colorado.edu), or call 303-492-5950.



**NEW THIS FALL!**

**CU Youth Piano Program**

In cooperation with the CU-Boulder College of Music, we are offering group classes for beginners ages 6-8 and private lessons for ages 9-17 or younger students with some training. Students will learn from experienced instructors from the CU College of Music. Visit [conted.colorado.edu/youthpiano](http://conted.colorado.edu/youthpiano) for complete information.

## INDEPENDENT LEARNING



### SPEECH LANGUAGE PATHOLOGY ASSISTANT CERTIFICATE PROGRAM

Offered in cooperation with the CU-Boulder Department of Speech, Language, and Hearing Sciences, this professional certificate provides the opportunity for individuals desiring employment in public schools as a speech language pathology assistant (SLPA) to meet the requisite requirements for authorization in the state of Colorado and develop the knowledge and skills to work under the supervision of a MA Level SLP.

This certificate is appropriate for individuals in the senior year of their undergraduate program or individuals who have completed a BA in speech pathology and audiology. Interested students should visit [slhs.colorado.edu/prospective/u\\_slpa.php](https://slhs.colorado.edu/prospective/u_slpa.php) for complete information on applying.

Because these courses are offered online, they are available to individuals who live outside the CU-Boulder area and to working people who can complete the professional certificate while maintaining employment.

#### Introduction to Clinical Practice SLHS 4918 2 SEMESTER HOURS

Introduces students to the clinical processes and key components of assessment and interventions. Explores the applications of the theoretical and scientific information to clinical settings. Students complete supervised observation of individuals with communication challenges.

#### Competencies and Strategies for the SLPA

SLHS 5032 3 SEMESTER HOURS

Includes roles and responsibilities for the Speech Language Pathology Assistant (SLPA) working in the public schools, service delivery models, health and safety, screening assistive technology, intervention and self reflection and evaluation. Prereq., SLHS 4918. Must be accepted in the SLPA certification program.

#### Speech Language Pathology Assistant Internship

SLHS 5930 4 SEMESTER HOURS

Placement for a minimum of 12 hours per week for a total of 180 hours including 100 direct contact hours under the supervision of a fully credentialed SLP, to fully develop requisite skills as an SLPA, and become employed in a public school setting. Prereq., SLHS 4918. Must be accepted in the SLPA certification program.

## ADDITIONAL CREDIT PROGRAMS

### ACCESS Program

#### (Available Credit Courses for Eligible Special Students)

Enroll in daytime credit classes at the University of Colorado Boulder for personal or professional development through the ACCESS Program. Nondegree students may take main campus undergraduate or graduate courses after most degree-seeking students have enrolled. ACCESS is an opportunity to learn about CU-Boulder and the academic departments, meet the faculty, and earn credit.

We are accepting applications for the fall 2012 semester. Registration begins Friday, August 24, and classes begin Monday, August 27. Call 303-492-5148 for more information or visit [conted.colorado.edu/access](http://conted.colorado.edu/access). Our capable staff can provide academic advising, financial aid, and career advising through in-person or telephone appointments. Visit [conted.colorado.edu/student-resources](http://conted.colorado.edu/student-resources) to set up a free appointment.

ACCESS students who are Colorado residents taking undergraduate or a combination of undergraduate and graduate classes may be eligible for the College Opportunity Fund (COF). For more information visit [cof.college-assist.org](http://cof.college-assist.org).

### High School Concurrent Program

If you are a high school student interested in the challenge of university course work, you may enroll in credit courses at the University of Colorado Boulder through the High School Concurrent Program. You will earn university credit that may also be applied toward high school graduation requirements. Participation in the High School Concurrent Program requires written permission from your high school counselor and a parent/guardian.

If you are a high school junior or senior enrolled in eligible courses you may be eligible for tuition assistance from your school district during the fall and spring semesters. You must notify your counselor of your intent to enroll at least two months prior to the beginning of the term. Call 303-735-5456 for an application and more information or visit [conted.colorado.edu/highschool](http://conted.colorado.edu/highschool).

High School Concurrent students enrolled in ACCESS courses are eligible to apply for the College Opportunity Fund. Visit [cof.college-assist.org](http://cof.college-assist.org) for more information.

### Finishing Your Degree at CU

Completing a degree is a very unique experience for each person. Whether you began your degree at CU years ago, or are hoping to complete a degree started elsewhere, we have a friendly staff who understands the challenges of balancing school, work, family...life. Let our academic advisors help you create a plan to meet your needs, making the most of the abundant programs and resources that the university has to offer. Schedule an in-person or telephone appointment at [conted.colorado.edu/student-resources](http://conted.colorado.edu/student-resources) to discuss your options.

Learn more about the CU Complete Service for former CU-Boulder students on page 27.

#### Landon Reichle

Intro to Studio Art

**“I’m not an art major, but I took this class to see what I liked about it and if it was something I might want to continue. I enjoyed myself and had a cool teacher. She got very involved in all the projects, which made the class a lot of fun.”**



## POST-BACCALAUREATE PRE-MEDICAL PROGRAM

### Lindsay Webber

**“I was working at Home Depot and a customer asked if I would like a job as a receptionist in his medical facility. I took the job and was quickly promoted and began working directly with patients. This work ignited a passion in me and I knew that I wanted a career in the medical field. Through CU’s program I am able to get into the core classes I need, plus have the additional guidance and support to help me achieve my goal. It’s great!”**



### WHERE TO BEGIN YOUR NEXT CAREER

The post-baccalaureate pre-medical program is designed for “career changers” who were academically successful as undergraduates and have completed a bachelor’s degree, but have not completed the prerequisite courses necessary to apply to medical and other healthcare-related professional schools. This intensive yearlong post-baccalaureate program (one summer, followed by a fall semester and a spring semester) is appropriate for students who are either recent college graduates or experienced professionals seeking a career change. The program begins in early June, 2013 and provides the course work and support necessary to take the MCAT in Summer 2014.

Applications for the 2013 class will be accepted on a rolling basis beginning in November, 2012.

#### **This program is designed for students who have:**

- a strong academic undergraduate record with a bachelor’s degree in a non-science field. Most applicants will have a grade point average of 3.3 or above.
- completed college algebra and trigonometry, or the equivalent.
- an informed understanding of the health profession they seek to enter based on extensive and meaningful clinical experience in a healthcare setting such as shadowing medical professionals, volunteering with patients, or employment in a healthcare field.
- an interest in graduate study in an area of medicine or other healthcare-related field.

We offer you the opportunity to gain a sound foundation in the science classes necessary to apply for graduate medical studies.

Students receive individual advising, study skills for science classes, and application assistance. Most of the students will take the following courses depending on the medical field they choose.

#### **Summer**

- General Chemistry 1 with Lab
- General Chemistry 2 with Lab

#### **Fall**

- Introduction to Cellular and Molecular Biology with Lab
- Organic Chemistry 1 with Lab
- General Physics 1 with Lab

#### **Spring**

- Principles of Genetics with Lab
- Organic Chemistry 2 with Lab
- General Physics 2 with Lab

An optional second summer term with anatomy, physiology, and/or biochemistry courses is available.

Visit [premed.colorado.edu](http://premed.colorado.edu) for more information or e-mail [postbacmd@colorado.edu](mailto:postbacmd@colorado.edu).

CU on the Weekend

JAMES PALMER

“The films I find most interesting and

# ENGROSSING

are character studies. By exploring the relationship between film, literature, and psychology, we can better understand human character.”

“The main character in *The Lives of Others* is a good example of the trickster archetype – one who is constantly shifting and transforming at the margins,” says Professor James Palmer, a faculty member in the Film Studies Department who has taught at CU for more than 40 years. “Likewise, when we enter a classroom to explore and learn, we are all on the threshold of experiencing our own changes and transformations.”

## CU ON THE WEEKEND: ANNIVERSARY SERIES

Throughout Continuing Education’s 100-year history, we have offered community members opportunities to connect with the University of Colorado Boulder and its resources. Beginning in 1912, Continuing Education director and sociology professor Loran Osborn delivered more than 70 community lectures and events. In the years and decades that followed, renowned CU-Boulder faculty followed suit, often donating their time and leading community programs, radio broadcasts, and other endeavors aimed at educating and exchanging ideas with the public.

Today, we continue that tradition with CU on the Weekend. The fall 2012 series pays tribute to our 100-year mission to extend university resources to the public. Now free of charge, we invite you to participate in CU on the Weekend one-day classes featuring an array of intriguing topics. Come enjoy programs such as Professor Palmer’s and help us celebrate 100 years of enriching lives and building community. Please note that although the classes are free, seats are limited and advance registration is required.

CU on the Weekend is offered with the support of the Office of the Chancellor, Office of the Provost, and the Division of Continuing Education.

## CU ON THE WEEKEND



### Advance Registration Required

Seating is limited. After registering, participants will receive a confirmation e-mail.

### Three Ways to Register

- 1) Visit [conted.colorado.edu/weekend](http://conted.colorado.edu/weekend), choose the class you would like to take, and click on “Register” at the end of the course description.
- 2) Call our registration office at 303-492-5148.
- 3) Visit our office at 1505 University Avenue, Boulder.

### Cancellation Policy

All programs are subject to change. We will do our best to contact you in advance via e-mail to notify you of any last minute changes or cancellations.

If you are unable to attend a class, please send an e-mail to [weekend@colorado.edu](mailto:weekend@colorado.edu) or call 303-492-4561.

### Can't Find Something?

Continuing Education is no longer offering noncredit foreign language, writing, acting, or studio art workshops. Consistent with our role and mission, we will now be featuring more of our CU-Boulder faculty in the CU on the Weekend program. We will continue to offer the Career Exploration Workshop. See page 36 for information.

Here are some other local providers of noncredit workshops:

CU-Boulder Anderson Language Technology Center (ALTEC) for foreign language classes [altec.colorado.edu/languageclasses](http://altec.colorado.edu/languageclasses)

Boulder Valley School District Lifelong Learning [www.bvsvd.org/LLL](http://www.bvsvd.org/LLL)

City of Boulder Parks and Recreation [www.BoulderParks-Rec.org](http://www.BoulderParks-Rec.org)

Front Range Community College Continuing Education [www.frontrange.edu/Academics/Continuing-Education](http://www.frontrange.edu/Academics/Continuing-Education)

Naropa University School of Extended Studies [www.naropa.edu/extend](http://www.naropa.edu/extend)



# 1996

### SUMMER SCHOOL

Though Summer Session had been in session at CU-Boulder since 1904, an academic affairs strategic committee recommended it be enhanced and its administration was moved to Continuing Education.



## CU ON THE WEEKEND FALL 2012

### Nuclear Families, Nuclear Towns: Los Alamos in the Cold War

Lee Chambers, professor of history

#### CUWFA12-01

In the four decades that began in the winter of 1947-48 and ended with the dismantling of the Berlin Wall in 1989-90, the United States engaged in the longest war in its history. The so-called "Cold War," which included the two "hot" episodes of Korea and Vietnam that together cost 327,000 American casualties, reflected the ability of a succession of American presidential administrations to convince the American people that communism and its protagonists constituted an unprecedented menace. Haunted by the fear that "The Red Tide of Communism" might sweep all before it (never likely, as some knew then and most know now) and the suspicion that Stalin's regime had adopted strategies to subvert capitalist democracies by means overt or subversive (as indeed it had), post World War II Americans accepted as imperative peacetime policies that previous generations had consistently rejected. These included: formal defensive alliances with foreign governments; the publicized intention forcibly to defend "boundaries" drawn thousands of miles beyond the territorial limits of the United States; massive expenditures on the manpower and armaments required to sustain these commitments; and the abandonment of long-standing indifference to state-of-the-art weaponry in favor of aggressive development of ever-more-powerful nuclear arms and delivery systems.

The development of the nuclear weapons arsenal took place in an atmosphere of mission urgency and espionage paranoia that thickened as spy scandals surfaced. In weapons laboratories, scientists and engineers saw themselves as "Cold Warriors" on the virtual but terrifyingly real front lines of this superpower confrontation. The feeling of playing a crucial role in the nation's security projected beyond the secret spaces of the laboratories and their scientists and engineers (nearly all men) into nearby private and public

spaces (homes, schools, churches), enlisting and disciplining the women and children, molding them, as one former resident remembers, into "Warrior Families that knew the rules." In this program, Professor Chambers will discuss her research on family and community life in this Cold War "atomic city."

*Professor Chambers grew up in Cold War Los Alamos. After graduating from Los Alamos High School in 1966 she reversed the 19th century adage of "go west young man" and went east instead, to Wellesley College in Massachusetts. She may have overshot the mark here, using a ruler as a guide to the "school farthest from" which is not a recommended way to select a college. So she returned to New Mexico to work each summer, taking on such diverse jobs as breaking up glass slides of weapons blueprints at the Los Alamos Scientific Laboratory (for purposes of disposal) and as a VISTA volunteer in the Spanish land-grant community of Petaca. Her graduate work in American Studies was done at the University of Michigan in Ann Arbor. She came to the University of Colorado Boulder as Director of the nascent Women Studies Program and an Assistant Professor of History in the fall of 1976, happy once again to be living, working, and playing in the mountains. Although this project focuses on the 20th century, most of Professor Chambers' career as an historian has focused on the early 19th century, with an emphasis on women – the never married, siblings, and reformers (abolitionists in particular). A President's Teaching Scholar, Chambers teaches courses on U.S. Women's History, Gender in American History, Jacksonian America, and Women, Gender, and War.*

Saturday, September 22, 9 am-12 pm  
Benson Earth Sciences Building, Room 180  
Seating limit: 150

Advance registration required. Free and open to the public.

### Election 2012: Conventional (and Unconventional) Political Wisdom

Anand Sokhey, assistant professor of political science

#### CUWFA12-02

Why do people support certain candidates? What explains the political attitudes and involvements of the public? Does higher turnout benefit a particular party? In this course we will examine these and other questions through the lens of the 2012 presidential election. Participants will learn about major theories of American political behavior and about the evidence and techniques used to evaluate such theories. We will turn a critical eye towards conventional political wisdom, separating fact from fiction while evaluating the Romney-Obama match-up.

*Anand Edward Sokhey (PhD, The Ohio State University) joined the CU-Boulder faculty in 2009. Anand specializes in American politics, and his work examines the role that social influence plays in voting behavior, political participation, and opinion formation, with a special focus on how people employ their social networks when acquiring and processing information. He is the author or co-author of 20 articles or book chapters, and his work has received coverage in outlets such as Slate magazine.*

Saturday, October 13, 1-4 pm  
Benson Earth Sciences Building, Room 180  
Seating limit: 150

Advance registration required. Free and open to the public.

### An Agent Transformed by the Arts: The Lives of Others

James Palmer, professor of film studies

#### CUWFA12-03

Ostensibly a Cold War thriller set in Communist East Germany, *The Lives of Others* is a stunning examination of loneliness and moral and psychological transformation. The film won the Oscar for Best Foreign Language Film in 2006. German writer/director Von Donnersmark offers an incisive character study of Stasi agent Gerd Wiesler as he spies on an East German playwright and the playwright's actress-mistress and dissident friends. The film marks Gerd's slow change from a cold, calculating Stasi agent to a more psychologically integrated man. Key to understanding Gerd is to see him as a trickster. The trickster archetype is associated with the Greek god Hermes, known as a



## CU ON THE WEEKEND

shape-shifter, thief, transgressor of borders, and psychopomp or soul guide. The focus on the crossing of all kinds of borders, physical and psychological, marks Gerd's transformation. The film begins in 1984 and ends after the fall of the Berlin Wall and celebrates the subtle and transformative power of the arts on a single isolated soul.

The day will be spent viewing and discussing *The Lives of Others*. Also, Professor Palmer will share some recommendations and scenes from a few of his favorite films and film genres including *All the President's Men*, *The Third Man*, *Lars and the Real Girl*, *Strangers on a Train*, *The Parallax View*, and more.

This program is co-sponsored by the Dairy Center for the Arts.

.....  
*James Palmer is the senior professor in Film Studies and a President's Teaching Scholar since 1991 at the University of Colorado Boulder. "Senior" means that he has taught 40 years at CU, is tenured, has outlasted a dozen university presidents and plans to retire sometime in the next 40 years. He has an undergraduate degree in English from Dartmouth College and a PhD in Film and Literature from Claremont Graduate School. He has received several teaching and service awards from both peers and students, chaired or directed four different academic departments or campus programs, and survived one year as the acting Vice Chancellor for Student Affairs. He has published a book and numerous articles on literature, film, and psychology. He has a passion for British, French, German, and Russian films and almost anything by Hitchcock. Currently the director of the Conference on World Affairs for the past 14 years, Palmer also teaches several interdisciplinary courses, including "Exploring Good and Evil in Film" and "Jung, Film, and Literature". He is especially proud of the fact that he had 15 senior auditors in his last film course.*

Saturday, October 20, 9 am-3 pm  
 (1 hour lunch break, on your own)  
 Boedecker Cinema, The Dairy Center  
 for the Arts  
 2590 Walnut Street, Boulder  
 Seating limit: 60

Advance registration required. Free and open to the public.

### Climate Change, Sustainability, and You

*James White, professor of geological sciences*

#### CUWFA12-04

This course will cover the basics of climate change, from simple physics to ethical issues, with stopovers in policy and economics. We will also examine the causes of human-driven climate change with a focus on greenhouse gases produced from fossil fuel burning, and then explore the challenges of providing clean, or cleaner energy in the future. As an exercise in how hard the problem is, the class, as a whole, will be required to provide the world's energy needs in the year 2040. As climate change is a subset of the larger problem of sustainability, we will finish up with a discussion of sustainability and, in doing so, attempt to place climate change in context.

.....  
*James White is the Director of the Institute of Arctic and Alpine Research and a professor in the Department of Geological Sciences and also in the Environmental Studies Program at the University of Colorado Boulder. He is the past Director of the Environmental Studies Program at CU-Boulder and helped to establish and grow that program during its first decade. He is current chair of the Polar Research Board of the National Academy of Sciences. His research interests are broad, but all revolve around human impacts on the environment. Specific areas of research include studying the global carbon cycle, both modern and in the past, and reconstructing past environmental conditions using ice cores. He is working now on new deep ice cores in Greenland as well as Antarctica. He is the author of over 100 peer reviewed publications, and is a highly cited author in the Geosciences. At CU-Boulder he teaches a large lecture class in Environmental Studies, as well as a course on energy, the carbon cycle, and climate change. He is actively engaged in exploring new paradigms of education in environmental studies, and has worked steadily to break down disciplinary barriers between the social sciences, natural sciences, humanities, journalism, arts and business to better train students in the area of environmental change.*

Saturday, November 10, 9 am-12 pm  
 Benson Earth Sciences Building, Room 180  
 Seating limit: 150

Advance registration required. Free and open to the public.

### Tibet, the CIA, and the Secret History of Camp Hale

*Carole McGranahan, associate professor of anthropology*

#### CUWFA12-05

In Colorado, Camp Hale is mostly known as former home of the Army's famed 10th Mountain Division. However, from 1958-1964 Camp Hale was also the site of a secret CIA training camp for the Tibetan resistance army in their battle against the People's Republic of China. Through a focus on the Tibet-CIA connection, this course will introduce students to the history of contemporary Tibet as seen through the lens of war. Why did China invade Tibet? How did Tibetans (and the world) respond? Given the Dalai Lama's decision that the Tibetan political struggle was to be nonviolent, how do Tibetans remember the war the resistance army fought with CIA help? We will explore these questions in dialogue with issues of culture, religion, gender, geopolitics, and Tibetan refugee life in India and Nepal. Our goal is to approach an understanding of this history as not only something that "happened" in the past, but as something that Tibetans continue to live, bear, and be impacted by in their lives today.

.....  
*Carole McGranahan is an associate professor of anthropology at the University of Colorado Boulder. She received a PhD in Anthropology and History from the University of Michigan in 2001. Her research specialties are 20th-21st century Tibet, and issues of colonialism and empire, history and memory, refugees and citizenship, national belonging, gender, war, and anthropology as theoretical storytelling. She is the author of Arrested Histories: Tibet, the CIA, and Histories of a Forgotten War (2010), Imperial Formations (with Ann Laura Stoler and Peter Perdue, 2007), and a special issue of Cultural Anthropology on "Self-Immolation as Protest in Tibet" (with Ralph Litzinger, 2012). Currently, she is working on an edited volume on "Ethnographies of U.S. Empire," and is in the middle of a new research project with Tibetans in India, Nepal, New York City, and Toronto titled "Refugee Citizenship: Tibetan Practices of Political Subjectivity in Diaspora."*

Saturday, December 8, 9 am-12 pm  
 Benson Earth Sciences Building, Room 180  
 Seating limit: 150

Advance registration required. Free and open to the public.

# 1912

## Wait a Minute, Mr. Postman

Continuing Education was formally recognized and housed in Macky. In its first year, the division offered 28 correspondence courses in 11 fields.



# 1936

## Alumni Forums

Alumni forums and a community lecture series led by esteemed CU faculty were established. Each year it gained popularity, with 400 Coloradans participating the first year and 14,000 participants by 1939.



# 1916/1975

## Language Skills

Courses in Americanization were offered to foreign nationals. Enrollees across Colorado took part in citizenship and English courses. In 1975, the division launched the Intensive English Center.



# 100 YEARS OF ENRICHING LIVES AND

Our 100th anniversary year has been a time of reflection for Continuing Education. In studying our history, we have found that despite dramatic changes in technology, locations, and programming our mission has remained consistent: to extend the resources of the university in innovative and nontraditional ways.

We have a lot to be proud of. Throughout the decades we have used innovative educational tools to help nontraditional students gain access to the university. We helped establish continuing education centers in Denver and Colorado Springs, which are independent University of Colorado campuses today. Our delivery methods for distance learning have evolved with the times. Our students were provided various opportunities to learn from a distance including U.S. Mail correspondence courses which began 1912, informative nationwide radio broadcasts in the 1920s, educational television broadcasting in the '50s and '60s, and courses delivered via videotape in the '70s and '80s.

Today, our course offerings include evening and online classes for credit, professional engineering training, music lessons, science education for children, English as a second language, and more. We also give community members the unique opportunity to learn directly from faculty members through our CU on the Weekend mini courses.

Through all of the changes that have occurred over these past 100 years, Continuing Education has and will always be about you. Amid our list of accomplishments, there is no greater point of pride than knowing we have changed the lives of our students and community — past, present, and future.

# 1933

## Great Opportunities

In the depths of the Great Depression, classes were organized for the Civilian Conservation Corps with instructors essentially donating their time.





## 1952

### TV's Golden Age

The Bureau of Audiovisual Instruction was created during television's golden age. In 1958, it moved into studios in the new stadium building and produced nearly 30 programs for KRMA, Denver's educational channel.

## 1970

### Working Women

As more and more women entered the workforce, Mini College for Women was created to encourage women to continue their self-exploration by enrolling in a four-year institution or exploring employment opportunities.



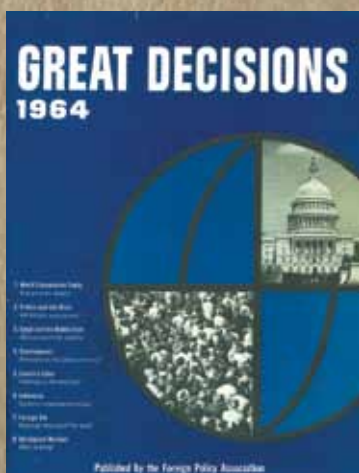
## 1980

### Up in Flames

An arson-caused fire destroyed the Academy Building where the division was housed. The disaster forced the administrative offices to temporarily relocate to the three cottages near the Office of the President.



# BUILDING COMMUNITY



## 1959

### Great Minds Think Alike

"Great Decisions," a group discussion program surrounding foreign policy topics, was the most successful in the nation with 15,000 participants.

## 1975

### Save a Spot

The Space Available Voluntary Education (SAVE) program was established as a way to permit enrollment of nondegree students after the Boulder campus reached enrollment caps. The program later became ACCESS.



## 1983

### Tech Center

The Audiovisual College Education (ACE) program was formed to fill distance-learning requests from area engineering companies. The program is now the Center for Advanced Engineering and Technology Education.



Throughout the semester, we will share stories from our students in the anniversary section of our website at [conted.colorado.edu/100years](http://conted.colorado.edu/100years).

## SUMMER SESSION



### THINK AHEAD TO SUMMER 2013

Summer Session offers you the opportunity to earn academic credit, satisfy your curiosity, meet major or minor requirements, and be part of our summer community. Many of CU's most popular and sought-after courses are offered. The diverse population of students from CU and institutions across the country, high school students, and teachers and other professionals makes Summer Session a unique learning experience.

We also welcome international students to be part of summer in Boulder. E-mail [ceadvise@colorado.edu](mailto:ceadvise@colorado.edu) for more information.

#### Special offerings during Summer Session include:

##### FIRST (Faculty-in-Residence Summer Term)

Learn from prestigious, world-class faculty that teach on the Boulder campus during summer session. These renowned scholars bring a wealth of experience, knowledge, and perspective to the classroom that will challenge and inspire your thinking. Take advantage of the incredible opportunity FIRST brings to you.

##### Maymester 3 weeks. 3 credits.

Accelerate your academic career with the intensive, single-course focus of Maymester. You will be immersed into an interactive environment where you can complete a core or major requirement in just three weeks. Gain knowledge and momentum by concentrating on a Maymester course.

##### Featured Classes

Explore the possibilities with new course offerings and classes that move you forward and into new areas. Summer Session offers

greater flexibility and smaller class sizes to make the learning process that much more engaging. Check out Featured Classes and find one that's right for you.

##### Online Classes

Get even more out of Summer Session with our online course program. Engage with your instructors and classmates in innovative ways, such as discussion groups, message boards, and video lectures. The classes are rigorous yet the schedule is flexible, so you can learn on your terms.

Visit the Summer Session website at [www.colorado.edu/summer](http://www.colorado.edu/summer) for additional information or to request a copy of the 2013 catalog.

##### Summer 2013 Schedule

Session M (Maymester):	May 13-31
Session A (5 weeks):	June 3-July 5
Session B (5 weeks):	July 9-August 9
Session C (8 weeks):	June 3-July 26
Session D (10 weeks):	June 3-August 9

# CU COMPLETE SERVICE

## Starla Ahu

“Twenty years ago, I was a CU student competing on the track and field team and completing the requirements to graduate magna cum laude. Unfortunately, I had to leave CU before I could complete the final two classes I needed to complete my degree. I ended up taking a part-time temp job that turned into a full-time career and then I became a single mom. I never imagined that it would take so long to complete my degree, but sometimes a funny little thing called life changes your plans. Fortunately, with the help of CU Complete, I did it and now I look forward to beginning an MBA program.”



## NOW IS THE TIME TO COMPLETE YOUR DEGREE.

Your degree is closer than you think. CU Complete offers the academic guidance and potential financial support to achieve the CU degree that you started.

### Guiding Former Students Toward Completing Their Degrees

CU Complete is a service designed to help former CU-Boulder students complete their degrees at CU.

Our advisors understand the challenges facing the adult student population and can help you create a path toward completing your degree.

If you are ready to work toward completing your degree, please fill out the intake form available at [cucomplete.colorado.edu](http://cucomplete.colorado.edu).

### CU Complete Scholarship

Continuing Education has allocated scholarship funds to assist students who are trying to finish their CU bachelor's degree.

More information is available at [cucomplete.colorado.edu](http://cucomplete.colorado.edu).



# 1955

### SERVING COLORADO SPRINGS

The state approved the establishment of a continuing education center in Colorado Springs, which would later establish an independent campus in 1972.



Student, Engineering Management

JASON COLLIER

“CAETE’s distance learning system gives me the

**FLEXIBILITY**

I need to pursue my Master’s in Engineering Management while working full time.”

“It is incredibly helpful to have the choice of attending classes in person or accessing lectures and assignments online,” says Jason, who has his MBA and is a Lean Six Sigma engineer at Ball Aerospace. “The program is a good fit for what I am doing at Ball. My job is focused on continuous process improvement, and the things I am learning in class are directly applicable.”

Imagine sitting in your own home or office taking graduate-level classes from one of the top-ranked engineering schools in the nation. Ranked 36th overall and 21st among public engineering programs nationwide (*U.S. News and World Report 2012*) you can be sure that you are earning a superior education.

For over 25 years, the Center for Advanced Engineering and Technology Education (CAETE) has helped working professionals like you advance their careers with flexible, convenient learning. Through CAETE, the distance learning and professional studies arm of the College of Engineering and Applied Science, you can pursue engineering and technology course work, earn graduate specialized certificates and master’s degrees, or engage in skill-building short courses.

With a variety of distance learning opportunities accessible from virtually anywhere at any time, you have the power to reach your educational goals. Courses are delivered via the Internet and CD-ROM. Experience the robust curricula, world-class faculty, and strong industry partnerships of a tier 1 research university.

Why wait? Get started today!

#### Master’s Degrees

- Aerospace Engineering
- Computer Science
- Electrical and Computer Engineering
- Engineering Management
- Telecommunications

#### Master’s-Level Certificates

- Aerospace Engineering:
  - Astrodynamics and Satellite Navigation Systems
- Electrical/Computer Engineering:
  - Embedded Systems
  - Power Electronics
  - Software Engineering
- Engineering Management:
  - Engineering Management
  - Entrepreneurship
  - Leadership and Ethical Decision Making
  - Managing Applied Research in Technology
  - Managing R&D
  - Performance Excellence in Technology Management
  - Project Management
  - Quality Systems for Product/Process Engineering
  - Six Sigma

## ENGINEERING ONLINE



- Technology Ventures & Product Management
- Telecommunications
  - Computer and Network Security
  - Energy Communication Networks
  - Network Architecture
  - Telecommunications Policy
  - Wireless Networks and Technologies

### Professional Development Courses

Take short courses to develop new skills, build valuable technical credentials, or to prepare for industry-recognized certificate examinations. These relevant, immediately

applicable courses feature online delivery from respected industry leaders who bring real-world experience to the Internet classroom. Typical courses offered each semester are in the areas of Cisco® networking and project management.

Continuing Education Units (CEUs) are awarded for all short courses. These courses are noncredit and do not apply toward degree programs or graduate certificates.

University of Colorado faculty and staff on at least a half-time, permanent appointment and retired faculty and staff as well as

CU-Boulder students who are enrolled at least half time in credit courses are eligible for a 10% tuition discount on our noncredit courses. Proof of status must be provided at the time of registration.

### Course Schedule Information

[CUEngineeringOnline.colorado.edu](http://CUEngineeringOnline.colorado.edu)

303-492-6331

[caete@colorado.edu](mailto:caete@colorado.edu)

### Professional Development Courses (noncredit)

Students may enroll any time within the indicated semester/session (except for the section 500 and 501 courses). Any of these courses may be completed before the end date, but requirements must be completed by the end date.

Course No.	Section	Course Title	Time / Sessions	Start	End	Instructor	Tuition
CACI	8001-341	Intro to Cisco® Networking: CCNA	Online	08/17/12	12/21/12	Santos	\$1,955
CASP	5201-341	Project Management Basics	Online	08/17/12	12/21/12	Kois	\$895
CASP	5211-341	PMP® Exam Prep	Online	08/17/12	12/21/12	Kois	\$1,295

International English Center  
**CARLOS MIRON**

“The cultural exchange our students

# EXPERIENCE

is extremely valuable to them and, just as importantly, it is a valuable asset to the CU community.”

“Helping students successfully achieve their goal to study in the U.S. is a small cog in the wheel of internationalization, and something I find extremely important, especially as we become a more globalized world.” says Carlos, Manager of Student Services at the IEC. “Being an exchange student is not easy, but it is extremely rewarding. Having resources and people you can rely on is a big part of a successful and meaningful experience.”

## **1030 13TH STREET ON “THE HILL.”**

**Since 1975, the International English Center (IEC) has helped over 20,000 international students learn and master English. Our students have gone on to attend the University of Colorado, Colorado School of Mines, the University of Denver, Colorado State University, and dozens of other institutions. The children of our former students are now IEC students – we are multi-generational! The IEC offers two English as a Second Language (ESL) programs for international students, community residents, or interested visitors from other countries.**

### **About the International English Center (IEC)**

The International English Center, established in 1975, provides an intensive approach to learning English. We offer an integrated language skills approach where students have classes in listening/speaking, reading, writing, and grammar each day. The IEC also makes available to students numerous cultural, community, and sports activities that allow them to explore U.S. culture in a friendly and safe environment.

Students have access to university libraries with a rich source of educational and research materials along with two computer labs in the IEC with Internet connections. Because we are part of the University of Colorado Boulder, there are many opportunities to interact with its diverse student population.

All IEC instructors have master’s degrees and teaching experience in international intensive programs.

The International English Center is fully accredited by the Commission on English Language Program Accreditation (CEA). We are also a member of UCIEP, consortium of University and College Intensive English Programs, and AAIEP, the American Association of Intensive English Programs.

### **Intensive English Program (IEP)**

The program is especially designed for citizens and residents of other countries who have come to the United States on student visas and who are preparing to enter a college or university in the U.S. It is also appropriate for professionals who need to improve their English for work and for community members who desire to study English intensively. The IEP consists of five eight-week sessions of full-time communicative English language study (23 hours per week) with instruction in grammar, reading, writing, listening, and speaking. Students are tested upon arrival and are placed into classes appropriate to their proficiency.



## INTERNATIONAL ENGLISH CENTER



The program consists of 20 hours of core language instruction each week at eight proficiency levels: Introductory, Basic 1 and 2, Intermediate 1, 2, and 3, Advanced 1 and 2. An additional 3 hours each week of optional elective classes are available at no additional cost. Classes average 12 to 15 students and utilize the latest ESL teaching practices and materials.

With the permission of the director, advanced-level students may be eligible to enroll in University of Colorado Boulder classes.

The Fall 1 session runs from August 22–October 16 and the Fall 2 session from October 17–December 18.

If you are an immigrant or a refugee and cannot afford the program, please ask about scholarship assistance.

Certificates of completion are offered upon completion.

### English As a Second Language for Degree Students (ESLG)

These non-intensive credit and noncredit accent reduction and writing courses are designed to be taken by graduate and undergraduate degree students who need to strengthen specific areas in their academic language proficiency. Nondegree students may enroll if they demonstrate an appropriate level of English proficiency. An English placement test is given at the beginning of the fall and spring semesters and recommendations are made based on student results.

For more information on any of these programs, please visit [www.colorado.edu/iec](http://www.colorado.edu/iec) or call 303-492-5547.



# 1945

### SERVING VETERANS

The end of World War II brought a surge in enrollment due to the GI Bill, and the University Placement Bureau aided 800 CU graduates in the Armed Forces in finding jobs after their discharge.

**100** YEARS 1912 2012  
ENRICHING LIVES. BUILDING COMMUNITY.

## Super Duper Science

LINDA MACE AND ANN REYNOSO

“We want class to be fun for kids and to

# INSPIRE

them to learn about science, so we show them what cool magic science can be.”

“In Super Duper Science class, we get to do a bit of everything, from learning about atoms and molecules in chemistry to larger organisms in biology,” says Linda Mace, an undergraduate student who co-taught the class with fellow student Ann Reynoso. “We start the class with a hands-on activity, and then add in other activities, like art projects, so that each kid is engaged by something they like,” says Ann.

### ABOUT SCIENCE DISCOVERY

**CU Science Discovery, established in 1983, collaborates with CU-Boulder science faculty to develop and deliver science education programs for K-12 students and teachers. Science Discovery’s mission is to heighten interest and increase literacy in science, technology, engineering, and math (STEM) by providing hands-on experiences that connect students and teachers to current CU science. Science Discovery capitalizes on CU-Boulder’s scientific resources, facilities, and expertise to excite students about STEM, expose them to a variety of STEM careers and professionals, and inspire a future generation of scientists and engineers. Through its various programs, CU Science Discovery impacts more than 20,000 students and teachers across Colorado each year.**

### Summer and After-School Classes

For students ages 5-18, Science Discovery offers a wide variety of classes that span CU’s science, technology, engineering, and math (STEM) disciplines. Classes offer enthusiastic and knowledgeable teachers (often STEM graduate students with teaching experience), access to university and community resources, small class sizes (10-16 students), and a variety of laboratory and field experiences. Classes such as *Power the Future*, *Visual-Matics*, and *Animal Behavior* are designed to enrich student understanding and instill a desire to further explore science topics. This year, Science Discovery is introducing several new classes, including *Bike-a-Tronics*, *LEGO MindStorms NXT*, and *Muggle Magic: The Science of Harry Potter!* Other classes, such as *Biotechnology*, *Exercise Physiology*, and *Video Podcast Production*, offer new opportunities for high school students. From fossils to forensics to physics, Science Discovery’s Class Program offers something for everyone!

For a complete listing of classes, please visit our website.

## SCIENCE DISCOVERY



### School Programs: Classroom Workshops and Presentations

Science Discovery brings CU's cutting-edge science and scientists to classrooms, libraries, and community centers throughout Colorado. The program collaborates with CU faculty, peer institutions, and other educational organizations to enrich science education statewide. Science Discovery's interactive presentations and hands-on workshops introduce students to subjects across the STEM disciplines, including chemistry, physiology, and optics. This year, Science Discovery is introducing several new programs, in nanotechnology, earth systems science, and renewable energy! Each program's content and activities support the Colorado Academic Standards and enrich student learning through fun, hands-on experiences.

### Science Explorers: Teacher Professional Development

Science Explorers is a unique professional development program that offers activity-based science workshops for elementary

and middle school teachers and students. Small teams of teachers and students rotate through three different hands-on workshops, giving teachers the opportunity to observe how students respond to activities and allowing students to develop their own knowledge and leadership skills. In 2012, Science Explorers is partnering with CU-Boulder physicists and engineers to launch a new workshop: *World of Waves*. Through a series of three interconnected workshops, students will learn about the properties of waves as they explore applications of waves in current technology. Science Discovery will also continue to offer workshops in *Earth Systems Science: Exploring Change in the Critical Zone* and *Empowering the Future* (renewable energy). Science Explorers conducts workshops at urban and rural sites throughout Colorado, including Longmont, Steamboat Springs, Sterling, and Salida. Contact Science Discovery to bring Science Explorers to your community!

### Field Science Programs

Science Discovery provides a variety of opportunities for students and teachers to participate in science while exploring the great outdoors. Throughout the school year, Science Discovery offers field study programs that explore Colorado's ecosystems, focused on topics such as stream ecology and winter ecology on snowshoes. Science Discovery's Mountain Research Experience, offered in collaboration with CU's Department of Ecology and Evolutionary Biology, provides high school students the opportunity to conduct ecological field research while living and working at CU's Mountain Research Station. Science Discovery's field programs provide teachers and their students with opportunities to dig in and experience field science research firsthand.

For more information about our programs and current offerings, visit [sciencediscovery.colorado.edu](http://sciencediscovery.colorado.edu) or call 303-492-7188.

Connecting with Colorado

CU IN THE COMMUNITY

“CU in the Community has become a household name in Trinidad,” said Debbie Ulibarri, dean of arts and sciences at Trinidad State Junior College. “We couldn’t be happier with the programming, and it’s just been a great **PARTNERSHIP.**”

CU-Boulder students Adrienne Kroepsch and Jessica DeHart lead a water quality workshop for middle school girls as part of CU in the Community in Trinidad. The workshop asked the participants to design a water filter capable of removing safe proxy pollutants from representative city water supplies.

**CONNECTING CU WITH COMMUNITIES**

**Together with community partners, the CU-Boulder Office for University Outreach sponsors the CU in the Community series in picturesque Trinidad, Colorado. By collaborating with a geographically isolated community, CU-Boulder faculty, staff, and students provide educational and cultural resources while gaining valuable opportunities to engage with and learn from Colorado citizens.**

In many ways, the inviting campus at Trinidad State Junior College (TSJC) offers similar appeal to the beautiful campus at the University of Colorado Boulder. In Trinidad, grassy grounds separate brick buildings and the ivy creeps along the stone administration building. Pop music fills the dining hall to appease students eager for a study break. The campus and city of Trinidad are nestled between scenic bluffs to the east and the striking Sangre de Cristo Mountains to the west.

Since 2008, CU-Boulder has collaborated with TSJC to provide a program called *CU in the Community*, which brings special

public and school programs to the historic town. With a population of around 9,000, the city and county seat offer community members and the TSJC campus alike educational and cultural programming. In addition to CU-Boulder and TSJC, the Trinidad Community Foundation, Trinidad & Las Animas County Chamber of Commerce, and *The Trinidad Times Independent* support *CU in the Community* as partners. Together the groups have sponsored a variety of public lectures, interactive events, and classroom presentations led by CU-Boulder faculty, scientists, artists, and students.

“*CU in the Community* has become a household name in Trinidad,” said Debbie Ulibarri, dean of arts and sciences at Trinidad State Junior College. “We couldn’t be happier with the programming, and its just been a great partnership.”

Over the years, program topics in Trinidad have ranged from the pine beetle epidemic to Egyptian mummies to opera performances. Each public program typically includes school visits paired with a public event in the evening, with proceeds from ticket sales benefiting a local nonprofit.

“The partnership with Trinidad continues to evolve, and that’s OK. We want this to be a program that meets the need of the community as they define it,” said Linda Molner Kelley, CU-Boulder director for university outreach.

In April 2012, a cohort of CU-Boulder professors, students, and staff participated in programs and meetings. In response the community’s self-identified concerns about water quality, CU-Boulder professors Mark Williams, geography, and Joe Ryan, environmental engineering, met with local leaders,

## OUTREACH



separately led public presentations about water quality and quantity, gave a group talk with middle school students, and offered an open forum for TSJC students and faculty about mercury contamination in water.

During the same visit CU-Boulder's Science Discovery Science Explorers program hosted two days' worth of hands-on science workshops in area elementary schools, while two CU-Boulder students, Adrienne Kroepsch and Jessica DeHart, provided water-themed workshops as part of the *Girls in the Middle* initiative. The initiative exposed middle-school girls to math, science, engineering, and technology careers through workshops led by female scientists and role models. Kroepsch is a doctoral student in Environmental Studies, and DeHart is a master's degree student in Environmental Engineering. Both got into science fields so that they could make contributions to others.

Additionally, as a result of direct requests from the Trinidad community, three CU-Boulder climate science and dance outreach programs provided workshop activities for K-12 students attending the May 17 Trinidad Water Festival.

"We love everything CU does. It is great have programs that put an emphasis on science. The kids here do not normally receive outside programming like this," said Debbie Krumm, community partner and activity director for the TSJC Science, Technology, Engineering, and Mathematics (STEM) program. "Plus it is nice because the CU presenters are not from around here, so they offer a special intrigue and a reminder that there are opportunities outside of Trinidad."

Whether the events center on science or the arts, every *CU in the Community* program aims to extend the resources of CU-Boulder to communities that seek enriched programming. Beyond Trinidad, *CU in the Community* outreach programs have been hosted in Fort Morgan, Durango, and other locations.

### About Outreach at CU-Boulder

Extending educational opportunities to the citizens of Colorado is a vital part of the university as well as the mission of Continuing Education. The Division is home of the Office for University Outreach, which supports campuswide outreach efforts and helps to extend the university's research, teaching, and creative resources to communities throughout Colorado and the world.

The office also administers the CU-Boulder Outreach Committee, which distributes funding for outreach projects that extend faculty members' research, teaching, and creative work through mutually beneficial partnerships with external constituents. These awards are made possible by funds from the Office of the Chancellor, the Office of the Provost, and Continuing Education. For more information about the Office for University Outreach and its programs, visit [outreach.colorado.edu](http://outreach.colorado.edu) or e-mail us at [outreach@colorado.edu](mailto:outreach@colorado.edu).



**Rene Van Meter**

Third Party Billing Coordinator

**“I really enjoy working with our students. I find great satisfaction in any situation where students have questions and I can help them find the answer. I was a nontraditional student, so I understand and respect what many of our students are doing. For example, I work with a lot of military veterans, who are starting school after their deployment. Because they had to work hard to get to college, they understand how precious a college education is.”**

**YOU’VE GOT QUESTIONS. WE’VE GOT ANSWERS.**

Lifelong learning doesn’t mean putting your job, family, or life on hold - and no one understands that better than the staff at Continuing Education. We can help you sort through your academic options, identify financial aid resources, prepare for a career, and more. Visit [conted.colorado.edu/student-resources](http://conted.colorado.edu/student-resources) to learn more or to schedule an appointment with an advisor.

**GETTING STARTED**

**Academic Advising**

Our academic advisors can help you sort through the university options and choose the best course of action — whether it’s for academic credit or noncredit. You will find helpful hints for preparing for your appointment at [conted.colorado.edu/student-resources/academic-advising](http://conted.colorado.edu/student-resources/academic-advising).

**Financial Assistance**

Our financial aid advisor can help you determine if there are funds available to help you meet your educational goals. Visit [www.colorado.edu/finaid/continuinged.html](http://www.colorado.edu/finaid/continuinged.html) for more information.

Nondegree students age 22 or older are eligible to apply for one of several Nontraditional Student Scholarships awarded each semester. An application and complete information including eligibility, requirements, and deadlines are available at [conted.colorado.edu/student-resources/financial-aid](http://conted.colorado.edu/student-resources/financial-aid).

**Career Services**

Our career counselor is available for comprehensive career counseling including career exploration and planning, job search assistance, and other career-related guidance. Nondegree students are eligible for eight individual career advising sessions each term they are enrolled. To schedule an appointment or for more information, visit [conted.colorado.edu/student-resources/career-services](http://conted.colorado.edu/student-resources/career-services).

**CAREER EXPLORATION WORKSHOP**

**NCLS 1010**

Want to discover a career passion? Begin to identify who you are through your interests, values, skills, and personality type, in addition to exploring how this information relates to a career. We will integrate various methods for self-assessment and tracking career passions. This hands-on class will assist you in finding a career direction that will bring job satisfaction, whether you are making a career change or just beginning to enter the job market. After the class, you will also have access to the Continuing Education career advisor.

Dahlia Smith, LCSW, is the Career Advisor at Continuing Education. She has been counseling job seekers and changers for over 14 years.

Tuesdays, August 21-September 25, 5:45-7:45 pm, Continuing Education Center 140, 6 sessions. \$190.

**ENROLLING IN UNIVERSITY CREDIT COURSES**

If you would like to enroll in courses for University credit answer these questions to determine your next step.

**Are you new to CU, or has it been more than 12 months since you enrolled in a course?**

If yes, then please complete and submit the online Registration Application at [conted.colorado.edu/enroll](http://conted.colorado.edu/enroll). We will process your application and send you an Invitation to Register, complete with all of the information you will need to enroll in courses using MyCUInfo.

**Have you been enrolled in a CU course within the past 12 months?**

If yes, give us a call at 303-492-5148 and we can activate your term record in about 2 minutes. You will then be able to enroll online via MyCUInfo.

**ENROLLING IN THE CAREER EXPLORATION WORKSHOP OR CU ON THE WEEKEND**

Visit [conted.colorado.edu/enroll/noncredit](http://conted.colorado.edu/enroll/noncredit) for information on how to enroll, call our registration office at 303-492-5148, or visit us at 1505 University Avenue, Boulder.

Once you are enrolled, you will receive confirmation of enrollment including course meeting times and locations through the mail. If you have any questions about the registration process, call us at 303-492-5148.

## STUDENT RESOURCES AND REGISTRATION INFORMATION

**PAYING**

Continuing Education offers a full service bursar/accounting office. You can pay your tuition by check, cash, credit card (VISA, MasterCard, or Discover), or online from your checking or savings account. Visit [conted.colorado.edu/student-resources/accounting](http://conted.colorado.edu/student-resources/accounting) for more information.

For your convenience, you can use your credit card (VISA, MasterCard, or Discover) to pay for your credit course through MyCUInfo at [mycuinfo.colorado.edu](http://mycuinfo.colorado.edu), by phone at 303-492-2212, or by fax at 303-492-5335. You can also visit our office at 1505 University Avenue.

If you need confirmation of enrollment and payment of tuition for employer reimbursement, please contact us at 303-492-2212 or by e-mail at [cebursar@colorado.edu](mailto:cebursar@colorado.edu).

**ADDITIONAL INFORMATION****Course Updates**

Occasionally information printed in this catalog changes. We encourage you to verify your course information such as course locations, cancellations, etc. before traveling to campus for your class. You will find the most up-to-date information at [conted.colorado.edu](http://conted.colorado.edu).

We try to notify enrolled students of course changes by e-mail and telephone. We therefore encourage you to let us know if your contact information changes.

**Student Privacy**

You may elect to have directory information withheld about yourself. Please call or visit our office to receive the required form.

**Disability Services**

If you are a student with a disability, Disability Services can provide you with the tools, accommodations, and support services to engage fully in the academic environment. Visit [www.colorado.edu/disabilityservices](http://www.colorado.edu/disabilityservices) for more information.

**Accessing Campus Services**

As a Continuing Education student, you may be eligible to use the campus libraries and computer labs at no cost. To gain access to these campus services, please obtain a “no fees paid” sticker (available at the Continuing Education cashier’s desk) and bring the sticker and a photo ID with you when you plan to use the libraries or computer labs. You can also purchase a student ID, the Buff OneCard, for \$25 at the Buff OneCard office in the Center for Community, room N180, by presenting a copy of your student schedule and photo ID. Visit [www.BuffOneCard.com](http://www.BuffOneCard.com) for more information.

**Severe Weather**

Classes are held when scheduled. Continuing Education may cancel classes because of severe weather or if the Chancellor closes the campus. If you are concerned about traveling to your class, please call 303-735-5000 for a list of cancellations. Boulder campus closings are announced on local radio and television stations.

**Books and Supplies**

Required course materials are available at the CU Book Store in the basement of the University Memorial Center on campus. Call 303-492-6411 or visit [www.cubookstore.com](http://www.cubookstore.com).

**FAQS****How much will my course cost?**

Costs vary depending on the course. For the Career Exploration Workshop, you will find the cost at the end of the course listing. For Boulder Evening, tuition is different for Colorado residents and nonresidents. Independent Learning tuition is different depending on whether the course is undergraduate or graduate level. Information on tuition and residency can be found at [conted.colorado.edu/student-resources/tuition](http://conted.colorado.edu/student-resources/tuition).

Continuing Education tuition is charged separate from and in addition to other CU tuition. All tuition and refund determinations are subject to audit.

**Where do I get a record of my classes?**

If you need a record of your academic credit courses, request a transcript through MyCUInfo at [mycuinfo.colorado.edu](http://mycuinfo.colorado.edu). You can also visit the CU Registrar’s website at [registrar.colorado.edu/students/transcripts.html](http://registrar.colorado.edu/students/transcripts.html) for other options.

For a record of your noncredit courses, e-mail our registration office at [ceregistration@colorado.edu](mailto:ceregistration@colorado.edu) or call 303-492-5148.

**Where is my class? Is there parking nearby?**

Course locations are listed at the end of each course description. Many campus parking lots offer \$3.00 parking after 5 pm and on Saturdays. Some are free during evenings and weekends. The Campus Map at [www.colorado.edu/campusmap](http://www.colorado.edu/campusmap) gives both building and evening and weekend parking lot locations. To skip parking altogether, take the bus to campus.

**What if my plans change and I have to drop my class?**


Please let us know. Depending on when you drop a course, you may receive a full refund. Refer to each program description for refund policies after a course begins.

Please note: Nonattendance does not constitute withdrawal and you may still be charged for your courses unless you officially withdraw before the drop deadline.

Call us at 303-492-5148 or 800-331-2801 (TTY 303-492-8905) if you need any help or for additional information visit [conted.colorado.edu](http://conted.colorado.edu).

**Building Hours/Closures**

Our office hours are 7:30 am to 4:30 pm Monday through Friday. Beginning August 20, our hours will be 8 am to 5 pm Monday through Friday. CU-Boulder will be closed Wednesday, July 4; Monday, September 3; Thursday and Friday, November 22 and 23; and Monday and Tuesday, December 24 and 25.



**Alumni Discounts Available**  
For more information visit [conted.colorado.edu/student-resources/accounting/discounts](http://conted.colorado.edu/student-resources/accounting/discounts)

At the University of Colorado Boulder we are committed to building a campus community in which diversity is a fundamental value. People are different and the differences among us are what we call diversity—a natural and enriching hallmark of life. Diversity includes, but is not limited to, ethnicity, race, gender, age, class, sexual orientation, religion, disability, political viewpoints, veteran status, gender identity/expression, and health status. A climate of healthy diversity is one in which people value individual and group differences, respect the perspectives of others, and communicate openly.

Diversity is a key to inclusive excellence in education. A diverse learning environment better prepares all students for the world that awaits them. CU-Boulder is committed to enriching the lives of our students, faculty, and staff by providing a diverse campus where the exchange of ideas, knowledge, and perspectives is an active part of learning.

—from the Guidelines for Diversity Planning

The University of Colorado Boulder does not discriminate on the basis of race, color, national origin, sex, age, disability, creed, religion, sexual orientation, or veteran status in admission and access to, and treatment and

employment in, its educational programs and activities. The university takes affirmative action to increase ethnic, cultural, and gender diversity, to employ qualified disabled individuals, and to provide equal opportunity to all students and employees.

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## CU ON THE WEEKEND

What fall blockbuster stars the Dalai Lama, Climate Change, the Cold War, and a tale of political intrigue? They're all part of the CU on the Weekend one-day course offerings. Sign up today and go behind the scenes of sustainability, the Tibet-CIA connection, and America's "nuclear" families. *See pages 20-23 for more details.*



**Saturday, September 22**  
Nuclear Families, Nuclear Towns:  
Los Alamos in the Cold War

**Saturday, October 13**  
Election 2012: Conventional (and  
Unconventional) Political Wisdom

**Saturday, October 20**  
An Agent Transformed by the Arts:  
*The Lives of Others*

**Saturday, November 10**  
Climate Change, Sustainability,  
and You

**Saturday, December 8**  
Tibet, the CIA, and the Secret  
History of Camp Hale