

COURSES

ER 52 Class Schedule – Fall 2010

Period A 10 Weeks	Period B 10 Weeks	Period C All Morning 10 Weeks	After Lunch 2 days/wk & Sat Seminar 10 Weeks	Period D 10 Weeks	Period D First 5 Weeks	Period D Second 5 Weeks
Art of Observation (Beth, Janet, Andrew)	Illusions (Cindy, Laura)	Immigration (Berta, Zev)		A Sustaining Spirit (John G, Kari)	Eagle Rock the Vote (Berta, Zev)	Boy Do We Have Issues (Dave, Ashley)
The Artist's Way (Cindy, Laura)	All That Jazz (Jon B., Isaac)	Science of Fitness (Kirstin, Jeff, Marq)		Riverwatch (Jon A, Janet, Andrew)	From Dust 'Till Done (Cindy, Laura)	Worker's Rights (Berta, Zev)
The Voice (Jon B, Isaac)	Spanish (Jonna)				Soccer Savvy (Kirstin, Marq)	Bachelor of Arts (Cindy, Laura)
Going to College Essay? (Dave, Denise, Gwendolyn)	Fight Your Math Phobia (Karen, Benjamin)				The Pit and the Pendulum (Karen, Benjamin)	Polygon Mosaics (Karen, Benjamin)
O Henry: Pay The Debt (Robert, Ashley)	Outdoor Leadership II (Jon A., Jesse B)				Wilderness Documentary (Dave, Ashley)	Orchestra (Jon B., Isaac)
Connections in Wood (John G, Karie)						Comparative Cultures (Jonna)
						Sport Psychology and Swimming (Kirstin, Marq)



Art of Observation	ER52	A • 10 Weeks	Science Lab
<p>Instructor(s): Beth Ellis Janet Johnson Fellow(s): Andrew Nimmer</p> <p>This is a biology and art class in which we will study plants and protists, which are a type of single-celled organism. By observing and drawing plants and protists, we will learn about the relationship between the form of an organism and how it functions. We will learn about specific ideas such as cell structure and reproduction for each of these types of organisms. Microscopes will help us to get a closer look at the action. For the final project you will get to create a permanent piece of biological art for display in the science building.</p>			
<p>Power Standard Course: No</p>			
<p>Distribution Requirement: Expanding Knowledge Base</p>		<p>Credit(s): 1</p>	
<p>Required Experience(s):</p>			
<p>Traditional Disciplines: Science: Biology</p>			

The Artist's Way	ER52	A • 10 Weeks	Lower Art Room
<p>Instructor(s): Cindy Elkins Fellow(s): Laura Nelms</p> <p>Read Julia Cameron's book <i>The Artist's Way</i> A Course in Discovering and Recovering Your Creative Self with a class that will work through the steps and practice the art lessons in this well respected time honored book. Discover multiple truths in life that will enhance your ability to aesthetically express to the fullest. Get in touch with your true abilities as an artist/observer/appreciator who wants to be on the inside scoop of life.</p>			
<p>Power Standard Course: Yes Effective Communication</p>			
<p>Distribution Requirement: Effective Communication</p>		<p>Credit(s): 1</p>	
<p>Required Experience(s): Legacy Project and Reflection</p>		<p>None</p>	
<p>Traditional Disciplines: Visual Art English</p>			

The Voice	ER52	A • 10 Weeks	Schoolhouse
<p>Instructor(s): Jon Borodach Fellow(s): Isaac Leslie</p> <p>Do you love to sing? This course will examine the human voice and it's application in various styles of singing. We will study the mechanics of singing as well as discuss and apply the proper techniques of breathing, vocal production and good musicianship. Students in this class will sing individually and in groups. Members of this class will comprise the core of the ERS Choir. Rehearsals and performances outside of class time will be required.</p>			
<p>Power Standard Course: Yes Effective Communication</p>			
<p>Distribution Requirement: Effective Communication</p>		<p>Credit(s): 1</p>	
<p>Required Experience(s):</p>			
<p>Traditional Disciplines: Music</p>			
<p>Students pursuing the EC power standard are required to prepare and perform a 30 minute vocal recital.</p>			



Going to College Essay?	ER52	A • 10 Weeks	Cinquefoil
<p>Instructor(s): Dave Manzella Denise Lord Fellow(s): Gwendolyn Cagle</p> <p>How do you learn best? What kind of school will meet your needs? Through this 10-week course, you will examine your previous experiences with education and use what you learn to identify post-secondary options that are right for you. During class, you will navigate the college application process, focusing a significant amount of time on writing and the application essay, and complete at least one college application by the end of the 10 weeks.</p>			
<p>Power Standard Course: No</p>			
<p>Distribution Requirement: Effective Communication</p>		<p>Credit(s): 1</p>	
<p>Required Experience(s):</p>			
<p>Traditional Disciplines: English</p>			

Oh Henry: Pay The Debt	ER52	A • 10 Weeks	Sage
<p>Instructor(s): Robert Burkhardt Fellow(s): Ashley Davidson</p> <p>In this class we will read, discuss, analyze, understand, write about, rewrite and perform Shakespeare's Henry IV, Part 1. We will also examine the social and political times in which Shakespeare wrote. Our primary lens will be "effective communication." This class requires intense, full focus on a daily basis.</p>			
<p>Power Standard Course: Yes Effective Communication</p>			
<p>Distribution Requirement: Effective Communication</p>		<p>Credit(s): 1</p>	
<p>Required Experience(s): None</p>			
<p>Traditional Disciplines: English Performance</p>			
<p>Full, daily class participation, buttressed by helping to write, rehearse and perform our version of HIV1.</p>			

Connections in Wood	ER52	A • 10 Weeks	Redwood
<p>Instructor(s): John Guffey Fellow(s): Karie Liotta</p> <p>Develop problem solving skills, learn the art and craft of woodworking and relate service to historical and current needs through completion of a project of benefit to ERS and/or the Estes Park community. Math, art, history and service will be emphasized in this course through a focus on researching, designing, shaping, joining and finishing a useful and aesthetically pleasing project made primarily of wood. Develop your sense of design, proportion, line and detail. Gain new skills in problem solving, layout, measurement, care and use of tools, cooperation, studio organization and time management.</p>			
<p>Power Standard Course: No</p>			
<p>Distribution Requirement: Expanding Knowledge Base</p>		<p>Credit(s): 1</p>	
<p>Required Experience(s): Service Project and Reflection</p>		<p>Legacy Project and Reflection</p>	
<p>Traditional Disciplines: Math: Geometry Visual Art</p>			
<p>Required Experience Credit: May be earned for either the service project and reflection or the legacy project and reflection, but not both.</p>			





Wilderness	ER52	All • All Day 1st 5 Weeks	Various
Instructor(s): Jesse Beightol Philbert Smith Robert Burkhardt			
Fellow(s):			
The new student wilderness experience begins with ERS 101, Show Me the Love, Wilderness Prep, and Evening Gathering during the first week on campus. These classes serve as an orientation to the school and the wilderness experience. This week is followed by a 24-day wilderness expedition including camping, backpacking, leadership, teamwork, navigation/map reading, conflict resolution, and communication skills. The expedition also includes a 72 hour solo, service learning project (trail-building & trail maintenance), and concludes with a 5 mile marathon. Upon return to campus, students present a 5 minute Wilderness Presentation of Learning and complete any obligations not taken care of during the wilderness experience.			
Power Standard Course: No			
Distribution Requirement: Creating Healthy Life Choices	Credit(s): 1	Engaged Global Citizen	Credit(s): 1
Required Experience(s): New Student Wilderness Experience		Wilderness POL	
Traditional Disciplines: Physical Education English			
We will also be offering 1 credit for Creating Healthy Life Choices and 1 credit for Engaged Global Citizen as Distribution Requirements.			

Illusions	ER52	B • 10 Weeks	Lower Art Room
Instructor(s): Cindy Elkins			
Fellow(s): Laura Nelms			
I wanna' paint! I wanna' use perspective, value, depth, excreta to create illusions and study art history of how techniques emerge so I can develop some of my own. I wanna' shock or inspire with my messages so when others read or see my art they can't ignore it.			
Power Standard Course: Yes Effective Communication			
Distribution Requirement: Effective Communication	Credit(s): 1		Credit(s):
Required Experience(s): Legacy Project and Reflection			
Traditional Disciplines: Visual Art History: World			

All That Jazz	ER52	B • 10 Weeks	One Room
Instructor(s): Jon Borodach			
Fellow(s): Isaac Leslie			
From the Blues to Bebop; from Dixieland to Duke. In this class we will explore the world of Jazz, from it's humble beginnings in the delta of the Mississippi River to it's diverse sounds of today. This truly American art form not only created new sounds but also has been (and remains) a conduit for intercultural understanding and a catalyst for social change. In this class we will listen to music of many styles of jazz and jazz artists. We will also do some playing of instruments commonly used in jazz. Rehearsals and performances outside of class may be required.			
Power Standard Course: No			
Distribution Requirement: Effective Communication	Credit(s): 1		Credit(s):
Required Experience(s):			
Traditional Disciplines: Music			





Spanish	ER52	B • 10 Weeks	Cinquefoil
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Instructor(s): Jonna Book

Fellow(s):

Do you want to learn to read, write and speak in Spanish so that you can begin to talk to native Spanish speakers? This course will enable you to see further into the differences and similarities of Spanish speaking cultures and people both inside and outside of the classroom. You will be interviewing people to practice your language skills and better understand their culture. You will dive into food, culture, history, film, music and art as a gateway to learning the language and culture of people across Spanish speaking lands. This course is for all students at any level of Spanish. Beginners and Native Speakers welcome.

Power Standard Course: No

Distribution Requirement: Engaged Global Citizen

Credit(s): 1

Credit(s):

Required Experience(s):

Traditional Disciplines: World Language: Spanish Geography

Fight Your Math Phobia	ER52	B • 10 Weeks	Shooting Star
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Instructor(s): Karen Ikegami

Fellow(s): Benjamin Walker

Does the thought of having to do math make your palms sweaty and your heart race? Get over your fear of math AND prepare for the SAT! This class will help you understand your own math abilities and get over mental blocks that keep you from performing your best. We will focus on the basics of algebra, geometry, and some trigonometry.

Power Standard Course: No

Distribution Requirement: Expanding Knowledge Base

Credit(s): 1

Credit(s):

Required Experience(s):

Traditional Disciplines: Math: Algebra Math: Geometry

Outdoor Leadership II	ER52	B • 10 Weeks	Anemone
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Instructor(s): Jon Anderson Jesse Beightol

Fellow(s):

Are you interested in the both the outdoors and what it means to be a leader? Do you have interest in possibly pursuing a career in the outdoors? In the Outdoor Leadership class you will plan a class trip to Utah (that's right your Explore Week will be spent in the canyons of Utah!), as well as your own "dream" trip to a destination of your choice. Both plans will be under the context of effective leadership and risk management. You'll also learn about jobs and experiences in the outdoors and have the the opportunity (and the advantage) to apply for the Outward Bound and NOLS scholarships, as well as the RMNP internship. By doing all of this, examining your individual strengths, learning about different leadership styles, and addressing a need in the community, you may also earn the power standard in Leadership for Justice.

Power Standard Course: Yes Leadership For Justice

Distribution Requirement: Leadership For Justice

Credit(s): 1

Credit(s):

Required Experience(s): None

Traditional Disciplines: Physical Education Science: Biology



Immigration	ER52	C · 10 Weeks	Yarrow
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Instructor(s): Berta Guillen
Fellow(s): Zev Vernon-Lapow

A debate continues to this day regarding whether immigration is helping or hurting the U.S. In this course we will look at both sides of this issue. We'll begin by looking at our own history of immigration, commonly held assumptions and the stories of particular groups' movement to the U.S. Then we'll move into a number of other topics including illegal immigration, asylum seekers, and the impact of immigration, among others. Students will become well versed in this topic and will create an open forum for youth to learn more and get organized to make changes!

Power Standard Course: Yes Engaged Global Citizen

Distribution Requirement: Engaged Global Citizen

Credit(s): 2

Credit(s):

Required Experience(s):

Traditional Disciplines: Government/Civics History: US

Science of Fitness	ER52	C · 10 Weeks	HPC/Shooting
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Instructor(s): Jeff Liddle Kirstin Sizemore
Fellow(s): Marq Agboyani

Want to feel better doing any physical activity? Want to have more energy? Want to work on your ability to be coached under intense situations? Want to know how to maximize nutrition, rest, and exercise to become super fit? Always been curious about how the body works? Want to read and write about resilience & intensity? Want to avoid chronic diseases like diabetes & heart disease in your future? This class is for YOU! We will work out daily and work on understanding what makes the human body thrive. We will do prescribed workouts everyday. The workouts are all adjusted to your individual ability so ANYONE can take this class. You will learn olympic and power lifting techniques, body weight exercises, and cardio like never before. If you want to PUSH yourself join us in the HPC!

Power Standard Course: Yes Creating Healthy Life Choices

Distribution Requirement: Creating Healthy Life Choices

Credit(s): 2

Credit(s):

Required Experience(s): None

Traditional Disciplines: English Science: Biology Physical Education

201: ERS Transition	ER52	C · 2nd 5 Weeks	Kinnikinnik
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Instructor(s): Jesse Beightol Jeff Liddle Jesse Tovar
Fellow(s):

ERS 201 classes are designed to assist the new student transition back into the community and prepare them for academic classes. The kitchen teaches students how to recognize and use all kitchen tools, kitchen safety, cleaning, and food preparation. We also introduce the students to the ERS computer network, assist them in writing P.O.L. packets, help them with presentation skills, time management, planning and prioritizing skills. In addition, instructors help students understand academic credit and scheduling issues they will face during their upcoming veteran trimesters. We also introduce them to the six traits writing process, assist them in writing a wilderness reflection paper, and work to continue the personal growth processes that began on the wilderness expedition. Finally, students take Aikido, a Japanese form of self-defense and martial art.

Power Standard Course: No

Distribution Requirement: Expanding Knowledge Base

Credit(s): 1

Credit(s):

Required Experience(s): New Student Aikido

Food Service Skills

Traditional Disciplines: English



A Sustaining Spirit	ER52	D • 10 Weeks	Cinquefoil
Instructor(s): John Guffey			
Fellow(s): Kari Liotta			
<p>What does it mean to live sustainably? How might culture, consumer choices, philosophical beliefs and spiritual practices add up to a sustainable lifestyle? In this class we will study different perspectives on what it means to live sustainably, and each student will construct their own statement of beliefs and principles for sustainable living. The class will plan and facilitate a workshop on sustainable living for the local community.</p>			
Power Standard Course: No			
Distribution Requirement: Creating Healthy Life Choices		Credit(s): 2	Credit(s):
Required Experience(s): Service Project and Reflection		Public Service Presentation	
Traditional Disciplines: History: World Science: Biology			

Riverwatch	ER52	D • 10 Weeks	Anemone
Instructor(s): Jon Anderson Janet Johnson			
Fellow(s): Andrew Nummer			
<p>Do you know what makes a river healthy? Are you interested in learning how to fly-fish? In this class we will explore rivers and their health while engaging in the art of fly-fishing. We will collect water samples of the Big Thompson River, and then analyze their health through water quality testing back at Eagle Rock. Our data will then be used by both the Division of Wildlife and the Big Thompson Watershed Forum to develop and maintain water quality standards. In addition to collecting and sampling water, we will also collect and identify macroinvertebrates (bugs that live in the water) and dissect a trout. We will also discuss the role of citizen-science as a form of service. Students interested in this class are expected to be prepared for: being outside 2-3 days a week (for fly fishing and river water collection), hiking into remote areas of Rocky Mountain National Park to fish, and potentially starting class 1-2 days a week early.</p>			
Power Standard Course: No			
Distribution Requirement: Creating Healthy Life Choices		Credit(s): 2	Credit(s):
Required Experience(s): Service Project and Reflection			
Traditional Disciplines: Physical Education Science: Earth			

Eagle Rock the Vote	ER52	D • 1st 5 Weeks	Yarrow
Instructor(s): Berta Guillen			
Fellow(s): Zev Vernon-Lapow			
<p>Can you vote? Are you a Republican, a Democrat or a Green? What are your values? In this class, you will learn how to exercise your right to vote, a right that many gave their lives to secure. You will question the meaning of your vote and decide for yourself if your values align with the various political parties. In the end, you will participate in a mock election and feel the pressure of getting votes from the Eagle Rock community. Come prepared to hear opposing viewpoints, visit the state capitol and possibly get the opportunity to work on Election Day.</p>			
Power Standard Course: No			
Distribution Requirement: Leadership For Justice		Credit(s): 1	Credit(s):
Required Experience(s):			
Traditional Disciplines: Government/Civics			





From Dust 'Till Done **ER52** **D • 1st 5 Weeks** **Ceramics Studio**

Instructor(s): Cindy Elkins

Fellow(s): Laura Nelms

Like life clay has a life cycle that can challenge, inspire and end. This class will be the dirtiest that you have ever experienced and will cajole your since of 3D-space and time by comparing your life to the medium of clay. Who would you like to interest in looking at both your life and your artwork? What unique thoughts can you visualize and share with your art? Learn to throw on the wheel, carve in clay and create functional dishes.

Power Standard Course: No

Distribution Requirement: Effective Communication

Credit(s): 1

Credit(s):

Required Experience(s): Legacy Project and Reflection

Traditional Disciplines: Visual Art

Soccer Savvy **ER52** **D • 1st 5 Weeks** **Sage**

Instructor(s): Kirstin Sizemore

Fellow(s): Marq Agboyani

What better way to spend your afternoons than playing the most popular sport in the world and helping younger kids learn to play the incredible game of SOCCER? You will have the opportunity to refine your soccer skills, while becoming a skilled COACH for the Estes Park Youth Soccer League! We will take an in-depth look at the game of soccer, explore different elements of the game around the world, learn how to plan engaging soccer practices, and most of all continue to feed our passion for such an incredible sport! This class will involve some commitment outside of classtime, for coaching your team (practices during classtime, games during Saturday seminars). We're looking for people who love the game of soccer and have a passion for passing it on....we'll see you on the field!

Power Standard Course: No

Distribution Requirement: Creating Healthy Life Choices

Credit(s): 1

Credit(s):

Required Experience(s): None

Traditional Disciplines: Physical Education

The Pit and The Pendulum **ER52** **D • 1st 5 Weeks** **Shooting Star**

Instructor(s): Karen Ikegami

Fellow(s): Benjamin Walker

"It might have been half-an-hour, perhaps even an hour (for I could take but imperfect note of time) before I again cast my eyes upward. What I then saw confounded and amazed me. The sweep of the pendulum had increased in extent by nearly a yard. I now observed, with what horror it is needless to say, that its nether extremity was formed of a crescent of glittering steel, about a foot in length from horn to horn; the horns upward, and the under edge evidently as keen as that of a razor. It was appended to a weighty rod of brass, and the whole HISSED as it swung through the air." Use your logic to figure out if the prisoner in Edgar Allan Poe's The Pit and The Pendulum escapes from his bloody situation. In this class you'll be learning the basic of statistics to help solve this mystery. You'll be collecting data, analyzing it, and creating research projects of your own.

Power Standard Course: No

Distribution Requirement: Expanding Knowledge Base

Credit(s): 1

Credit(s):

Required Experience(s):

Traditional Disciplines: Math: Statistics



Polygon Mosaics	ER52	D • 2nd 5 Weeks	Shooting Star
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Instructor(s): Karen Ikegami
Fellow(s): Benjamin Walker

Learn about polygons and make mosaics!!! This class will help you to deeply understand the in's and out's of polygons through the creation of your own mosaic. This is a geometry based class that allows you to touch and experience math. If you've struggled with math in the past, this is a great place to get your hands dirty. We will be creating two small mosaic pieces that are perfect for holiday gifts.

Power Standard Course: No

Distribution Requirement: Expanding Knowledge Base

Credit(s): 1

Credit(s):

Required Experience(s):

Traditional Disciplines: Math: Geometry

Orchestra	ER52	D • 2nd 5 Weeks	One Room
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Instructor(s): Jon Borodach
Fellow(s): Isaac Leslie

Violin, viola, cello and bass; these instruments have inspired composers, delighted musicians and filled audiences with joy for over 500 years. Now's your chance to play one of these instruments. Whether you have played before or if you are a complete beginner, this class is for you.

Power Standard Course: No

Distribution Requirement: Effective Communication

Credit(s): 1

Credit(s):

Required Experience(s):

Traditional Disciplines: Music

Sport Psychology and Swimming	ER52	D • 2nd 5 Weeks	Sage
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Instructor(s): Kirstin Sizemore
Fellow(s): Marq Agboyani

Do you doggy paddle? Are you more comfortable in the shallow end of the pool? Or are you on your way to the Olympics in swimming? This class is for all of you!! We will be working on our swimming skills each day, both in and out of the water. Out of the water? Yes!! We will also be learning about the ways that athletes use psychological and mental factors to affect their participation and performance in sport, exercise, and physical activity. You will have the opportunity to try these different techniques out to improve your swimming skills.

Power Standard Course: No

Distribution Requirement: Creating Healthy Life Choices

Credit(s): 1

Credit(s):

Required Experience(s):

Traditional Disciplines: Physical Education



Boy Do We Have Issues	ER52	D • 1st 5 Weeks	Kinnikinnik
<p>Instructor(s): Dave Manzella Fellow(s): Ashley Davidson</p> <p>What are the main issues that teenagers deal with today? Build your writing skills and prepare to start your major research project in this challenging research class. Choose an issue that many teenagers deal with today such as drug use, sexuality, or even boredom, and learn the skills needed to complete a research paper on your topic. This may even turn into your major research paper! Be prepared to work hard, write A LOT, and learn about yourself as a writer.</p>			
<p>Power Standard Course: No</p>			
<p>Distribution Requirement: Effective Communication</p>		<p>Credit(s): 1</p>	
<p>Required Experience(s):</p>			
<p>Traditional Disciplines: English</p>			

Comparative Cultures	ER52	D • 2nd 5 Weeks	Lichen
<p>Instructor(s): Jonna Book Fellow(s):</p> <p>What is the meaning of identity? How does our culture, upbringing, or surroundings shape and influence who we are? What happens when we come from a multicultural family? What does this do to our own and to others' perception of ourselves? Through literature, discussion and dialogue this course will dissect the topics of culture and identity. What are some similarities and differences between our culture and that of our families? Through this course you will examine cultures from different countries and places. You will also examine how your Eagle Rock experience ties into your cultural background.</p>			
<p>Power Standard Course: No</p>			
<p>Distribution Requirement: Engaged Global Citizen</p>		<p>Credit(s): 1</p>	
<p>Required Experience(s):</p>			
<p>Traditional Disciplines: History: World Geography</p>			