

# COURSES

## ER 49 Class Schedule – Fall 2009

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
The Art of Observation <i>(Beth, Janet, Annie)</i>	American Sign Language I <i>(Denise, Susan M)</i>	From Under the Rock <i>(Dave, Cindy, Reggie)</i>	Choir <i>(Jon B, Peter)</i>	Eagle Rock Cares <i>(John, Ryan, Kyle)</i>	Soccer Savvy <i>(Kirstin, Joel)</i>	El Pueblo Unido <i>(Russ, Daphne, Melissa)</i>
Lakota Language and Culture <i>(John, Ryan)</i>	Body Politics <i>(Jon, Kirstin, Joel)</i>			Riverwatch <i>(Jon A, Janet, Annie)</i>	Graduate Writing Seminar <i>(Dave, Beth, Reggie)</i>	The Inability... <i>(Kirstin, Joel)</i>
Musical Beginnings <i>(Jon B, Peter)</i>	Bath Math <i>(Karen, Amir)</i>			Boat Building <i>(Karen, Jeff, Michael, Amir)</i>	Stained Glass <i>(Cindy)</i>	Cine-Music <i>(Jon B, Peter)</i>
Mythic Journeys <i>(Robert, Joel)</i>	Math-Music <i>(Jon B, Peter)</i>				Midnight's Children <i>(Russ, Daphne)</i>	Short Films <i>(Dave, Reggie)</i>
The World of Spanish I <i>(Russ, Daphne)</i>	PeaceJam <i>(John, Ryan, Daniel)</i>					The Artist Within <i>(Cindy)</i>
	Italian for the Adventurous Part I <i>(Russ, Daphne)</i>					



# Eagle Rock School ER 49 Class Descriptions

## FALL 2009 Trimester



**The Art of Observation** **ER - 49**      **A**      **10 Weeks**

**Classroom:** Science Lab    **Period:** A  
**Instructor(s):** Beth Ellis    Janet Johnson  
**Fellow(s):** Annie Lindberg

**Course Description**

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.

**ILP Graduation Requirements Possible**

Science - Portfolio (1) Science - Portfolio (1)  
 Art - Fine Art / Art History Portfolio

**ILP Notes:**

**Lakota Language and Culture** **ER - 49**      **A**      **10 Weeks**

**Classroom:** Lichen    **Period:** A  
**Instructor(s):** John Guffey    Carmelita Martinez  
**Fellow(s):** Ryan Plantz

**Course Description**

Language is at the heart of culture. Relationship is at the heart of the Lakota language. This experiential service-learning course will prepare students to communicate effectively and build relationships with native speakers of the Lakota language. In addition to language study, a variety of cultural experiences will be provided in a service-learning context. It is an expectation that students enrolled in this course will participate in the Pine Ridge trip during week (9 or 10) of ER-49.

**ILP Graduation Requirements Possible**

S & C - Geography: Cultural Geography Project S & C - United States History: Power Relations Project  
 Service Learning - Portfolio Service Learning - Public Service Presentation  
 Writing - Essay of Explanation

**ILP Notes:** Students may elect to earn up to four credits from the menu of opportunities listed above.

**Musical Beginnings** **ER - 49**      **A**      **10 Weeks**

**Classroom:** Schoolhouse    **Period:** A  
**Instructor(s):** Jon Borodach  
**Fellow(s):** Peter Finn

**Course Description**

In this course students will experience music-making by learning to play an acoustic musical instrument. Students will also learn how to read music and the fundamentals of music theory. Students will have the opportunity to listen to and present to their peers a wide variety of music from various genres and cultures. Instruments available are: Flute (3), Clarinet (3), Alto Saxophone (2), Tenor Saxophone (1), Trumpet (3), French Horn (1), Trombone(3), Violin (3), Viola (1), Cello (3), String Bass (1), Guitar (3), Piano (2), Percussion (2).

**ILP Graduation Requirements Possible**

Music - Presentations (1) Music - Performances (Band/Choir/Orchestra)  
 Music - Project: Music Theory

**ILP Notes:** Music History (Optional)

**Mythic Journeys****ER - 49****A****10 Weeks****Classroom:** Sage **Period:** A**Instructor(s):** Robert Burkhardt**Fellow(s):** Joel Oubre**Course Description**

What can we learn from the real or imagined journeys of our lives? To better answer this question we will study Greek and Roman gods and goddesses, and myths about them relating to journeys. This will include Odysseus, Orpheus & Eurydice, Icarus, Sisyphus, Prometheus, Heracles, Jason & The Argonauts, etc.

Students will expand their knowledge base through study, discussion and presentation of the Greek and Roman gods/goddesses, and will create and perform a play about mythic journeys to the community in early December.

**ILP Graduation Requirements Possible**

Literature - Discussion Skill: Leader (1)

Literature - Discussion Skill: Participant (1)

Performance - Public Performance

Performance - Rehearsal Period

Writing - Essay of Explanation in Literature Class

Writing - Persuasive Essay

Writing - Creative Writing (Literature Class if Possible)

Writing - Review (Book, Movie, CD, Show, Restaurant)

**ILP Notes:** Most students will earn leader/participant discussion skills, as well as performance/rehearsal. Students who choose may earn various writing credit. Other credit available as arranged with instructors.

**The World of Spanish I****ER - 49****A****10 Weeks****Classroom:** Cinquefoil **Period:** A**Instructor(s):** Russ Rendón**Fellow(s):** Daphne Clyburn**Course Description**

Come and learn the Spanish language while getting insights into the people, land and cultures that surround it. In this class you'll begin to build your base of Spanish vocabulary and grammar through fun activities, games, songs, role-playing, memorization, cooking and more. You'll also learn more about the world in which Spanish is spoken through interesting videos, reading intriguing Latin American literature, dancing and guest speakers, to name a few. So prepare to open up your mind, not only to a new language, but also to a new way of seeing the world.

**ILP Graduation Requirements Possible**

World Language - Portfolio Level 1: Spanish

S &amp; C - Geography: Physical Geography Project

S &amp; C - Geography: Cultural Geography Project

**ILP Notes:****American Sign Language I****ER - 49****B****10 Weeks****Classroom:** Cinquefoil **Period:** B**Instructor(s):** Denise Lord Susan Marcus**Fellow(s):****Course Description**

Have you ever wanted to communicate with a deaf person but couldn't? In this class you'll begin to build your base of American Sign Language vocabulary and grammar through fun activities, games, role-playing, memorization, repetition and more. You'll also learn more about the deaf culture in the United States. So prepare to open up your mind, not only to a new language, but also to a new way of experiencing the world.

**ILP Graduation Requirements Possible**

World Language - Portfolio Level 1: American Sign

S &amp; C - Geography: Cultural Geography Project

Writing - Review (Book, Movie, CD, Show, Restaurant)

**ILP Notes:**

<b>Body Politics</b>	<b>ER - 49</b>	<b>B</b>	<b>10 Weeks</b>
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**Classroom:** Anemone & HPC **Period:** B  
**Instructor(s):** Jon Anderson Kirstin Sizemore  
**Fellow(s):** Joel Oubre

**Course Description**

In this class you will examine how the choices you make influence your body's health, both in the short and long term. Your investigations will also include the economic and social ramifications of these topics as they relate to what we as individuals and a society are doing to our bodies. Drug and alcohol use, tobacco use, sexual activity, nutrition and physical activity (or a lack thereof) will all be investigated. This will be a very active class, both through travel and physical activity, and we look forward to your full participation!

**ILP Graduation Requirements Possible**

Human Performance - Personal Health / Fitness Portfolio	Human Performance - Activities Presentation
Science - Portfolio (1)	S & C - Geography: Physical Geography Project
AIDs Awareness - Presentation of Learning	AIDs Awareness - Service Project

**ILP Notes:**

<b>Bath Math</b>	<b>ER - 49</b>	<b>B</b>	<b>10 Weeks</b>
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**Classroom:** Shooting Star **Period:** B  
**Instructor(s):** Karen Ikegami  
**Fellow(s):** Amir Erez

**Course Description**

Improve your woodworking, art and math skills in Bath Math WHILE helping to make the birds on campus happy and clean! In Bath Math, we will use geometry to build bird baths from scratch. After designing and building the bird baths, we will learn how to tile mosaic the bowl of the baths so that they can hold water and resist the weather. The bird baths will be placed around campus so we can see the birds enjoy our creations.

**ILP Graduation Requirements Possible**

Mathematics - Portfolio (1)	Mathematics - Portfolio (1)
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**ILP Notes:**

<b>Math - Music</b>	<b>ER - 49</b>	<b>B</b>	<b>10 Weeks</b>
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**Classroom:** Schoolhouse **Period:** B  
**Instructor(s):** Jon Borodach  
**Fellow(s):** Peter Finn

**Course Description**

What do P-Diddy and Pythagoras have in common? Take this course and find out. In this course you will discover how mathematics and music have been intertwined since humankind first made music. We will investigate the many unusual, curious and subtle ways numbers permeate music, including the Golden Ratio, Fibonacci series, superstitious numbers, intervals, rhythm and meter.

**ILP Graduation Requirements Possible**

Music - Project: Music Theory	Music - Project: Music History
Mathematics - Portfolio (1)	Music - Presentations (1)

**ILP Notes:**

**PeaceJam** **ER - 49** **B** **10 Weeks**

**Classroom:** Yarrow **Period:** B  
**Instructor(s):** John Guffey  
**Fellow(s):** Ryan Plantz Daniel Hoffman

**Course Description**

PeaceJam will explore peace, violence, social justice, and oppression. We will study the lives and work of 10 Nobel Peace Laureates and the strategies they use to address global issues. Working in groups, students will create and implement their own Global Call to Action Project, becoming creatively engaged in active problem solving around issues we face in the world today. This class is a pathway to the annual PeaceJam Youth Conference, where students spend a weekend with a Nobel Peace Laureate, gaining the opportunity to share with, learn from, and be inspired by a world leader for peace.

**ILP Graduation Requirements Possible**

Service Learning - Public Service Presentation                      Service Learning - Portfolio  
S & C - World History: Technological Evolutions Project              S & C - United States Government: International Issues

**ILP Notes:** Students will have the option of 3 or 4 credits depending of the projects they complete.

**Italian for the Adventurous Part I** **ER - 49** **B** **10 Weeks**

**Classroom:** Sage **Period:** B  
**Instructor(s):** Russ Rendón  
**Fellow(s):** Daphne Clyburn

**Course Description**

Learn the Italian language while discovering its culture, history and influences throughout the world. In this class you'll learn the basics of the Italian language through fun activities, popular songs, role-playing, cooking and eating, games, memorization and more. You'll also learn more about Italian culture, literature, cinema and politics though watching interesting videos, reading various literature, and possibly guest speakers, to name a few. So pack up all of your different senses and be ready to go on a grand tour of Italian.

**ILP Graduation Requirements Possible**

World Language - Portfolio Level 1: Italian                      S & C - Geography: Cultural Geography Project  
Writing - Review (Book, Movie, CD, Show, Restaurant)

**ILP Notes:**

**From Under the Rock** **ER - 49** **C** **10 Weeks**

**Classroom:** Kinnikinnik **Period:** C  
**Instructor(s):** Dave Manzella Cindy Elkins  
**Fellow(s):** Reggie Scruggs

**Course Description**

Through the magic of journalism, the students and staff of Eagle Rock will now have a venue for news, stories, poetry, rants, raps, and art. Join journalist turned instructor Gonzo Dave, Art diva Cindy, and Rogue Reporter Reggie for a whirlwind tour of the world of literary and journalistic publishing. Work on deadline to produce a bi-weekly raw, cutting edge, extreme Eagle Rock publication. There will also be a new emphasis on art and design through block printing, cartooning, and the history of print making. There will be lots of room for student input to make this truly a product of and by the people. Power to the people!

**ILP Graduation Requirements Possible**

Writing - Creative Writing (Literature Class if Possible)                      Writing - Essay of Explanation  
Writing - Persuasive Essay                      Writing - Review (Book, Movie, CD, Show, Restaurant)  
Art - Crafts / Art History Portfolio

**ILP Notes:** Students will choose two ILP writing requirements and have the possibility of additional credit.

**Choir** **ER - 49** **After Lunch** **10 Weeks**

**Classroom:** Schoolhouse **Period:** After Lunch  
**Instructor(s):** Jon Borodach  
**Fellow(s):** Peter Finn

**Course Description**

This course provides opportunities for students to develop their musical potential and aesthetic understanding through singing in a choral ensemble. Study includes the care and cultivation of a beautiful tone, aesthetic awareness, the ability to read music, the building of technical skills, team spirit, and responsible rehearsal habits. Students will have opportunities to experience the spontaneity of improvisation and the creative process of composition. Students will strengthen listening skills and their ability to analyze and evaluate music and music performances. Attention will also be given to relating their music experiences to personal development. Students will be asked to make a commitment to this out-of-class experience. Choir will occur two days a week after lunch and during Saturday seminars.

**ILP Graduation Requirements Possible**

Music - Performances (Band/Choir/Orchestra)

**ILP Notes:** Music History Theory Optional

**Eagle Rock Cares** **ER - 49** **D** **10 Weeks**

**Classroom:** Shooting Star **Period:** D  
**Instructor(s):** John Guffey Kyle Pelleg  
**Fellow(s):** Ryan Plantz

**Course Description**

Pursue a service project in an internship setting with a local agency or business committed to youth voice, civic engagement and service learning. You will have the opportunity to gain valuable skills related to work that interests you while completing a service project that benefits both you and others in the community. You may choose your internship site and service project from a range of opportunities.

**ILP Graduation Requirements Possible**

Service Learning - Public Service Presentation

Service Learning - Legacy Project

Service Learning - Portfolio

S & C - Civics: Community Action & Education Project

Environmental Studies - Environmental Action Project

**ILP Notes:** Up to four credits may be earned in this course. S & C and Environmental Studies credit depends upon selecting an internship site that will support work in one of these academic areas.

**Riverwatch** **ER - 49** **D** **10 Weeks**

**Classroom:** Science Lab **Period:** D  
**Instructor(s):** Jon Anderson Janet Johnson  
**Fellow(s):** Annie Lindberg

**Course Description**

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.

**ILP Graduation Requirements Possible**

Environmental Studies - Environmental Issue: Composition

Human Performance - Activities Presentation

Environmental Studies - Environmental Action Project

Service Learning - Portfolio

**ILP Notes:**

**Boat Building****ER - 49****D****10 Weeks****Classroom:** Woodshop **Period:** D**Instructor(s):** Karen Ikegami Jeff Liddle Michael Soguero**Fellow(s):** Amir Erez**Course Description**

What floats your boat? Come to think of it, what makes a boat float at all!? Come find out in this hands-on class. Jeff, Karen, Michael, and Amir will take you through all the steps of making a boat. Boat building requires some good problem-solving skills, a little math, and a lot of patience. Come practice these skills with us as we construct two cedar strip canoes from scratch. In this class we will learn about the history of boats, experiment with buoyancy, and sharpen our woodworking skills.

**ILP Graduation Requirements Possible**

Mathematics - Portfolio (1)

Mathematics - Portfolio (1)

**ILP Notes:** We may also integrate societies and cultures and literature into the course but haven't confirmed that yet.**Soccer Savvy****ER - 49****D****1st 5 Weeks****Classroom:** HPC/Estes Park/LRC **Period:** D**Instructor(s):** Kirstin Sizemore**Fellow(s):** Joel Oubre**Course Description**

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, watch many great soccer games, 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, both for coaching your team (practices during classtime, games during Saturday seminars) and for class field trips. 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!

**ILP Graduation Requirements Possible**

S &amp; C - Geography: Cultural Geography Project

Human Performance - Activities Presentation

**ILP Notes:****Graduate Writing Seminar****ER - 49****D****1st 5 Weeks****Classroom:** Sage **Period:** D**Instructor(s):** Dave Manzella Beth Ellis**Fellow(s):** Reggie Scruggs**Course Description**

Through this 5-week course, students who are trying to graduate in ER49 or ER50 will be working towards completing their Major Research requirement. As an alternative to "Independent Study," our time will be spent in a structured writing workshop setting where we will support each other in finishing both Content and Organization of your project. Don't worry, there will be plenty of time for independent work. Students enrolling in this course should have already chosen a topic and begun their research.

**ILP Graduation Requirements Possible**

Writing - Late Career Research Project

Writing - Early Career Research Project

**ILP Notes:**

**Stained Glass****ER - 49****D 1st 5 weeks****Classroom:** Ceramic Studio **Period:** D**Instructor(s):** Cindy Elkins**Fellow(s):****Course Description**

Develop math skills in geometry, learn how to cut glass, design and build stained glass windows. Bust out legacy credit. Learn how to combine art and math to develop a marketable skill. Explore the history of stained glass and learn about the golden ratio.

**ILP Graduation Requirements Possible**

Mathematics - Portfolio (1)

Art - Fine Art / Art History Portfolio

Service Learning - Legacy Project

**ILP Notes:** Expanding Knowledge Base 1 Box middle section of the new ILP**Midnight's Children****ER - 49****D 1st 5 weeks****Classroom:** Cinquefoil **Period:** D**Instructor(s):** Russ Rendón**Fellow(s):** Daphne Clyburn**Course Description**

Come and explore India through the tantalizing novel, "Midnight's Children", by Salman Rushdie. In it you'll follow Saleem's life, with his telepathic powers, as his story mirrors that of India's recent history. If you like to read and/or are interested in a challenge, this "college" level class is for you. We'll read the 500+ page book, while discussing and learning the history behind it all in five weeks. Only sign up if you're serious!

**ILP Graduation Requirements Possible**

S &amp; C - World History: Growth and Transition Project

S &amp; C - World History: Political Theory Project

S &amp; C - World History: Power Relations Project

S &amp; C - World History: Technological Evolutions Project

Literature - Discussion Skill: Leader (1)

Literature - Discussion Skill: Participant (1)

Writing - Any Writing Documentation/ILP Credit Will be

**ILP Notes:** Only one of the four World History credits is possible in this course.

Only one of the following three writing credits will be possible (Essay of Explanation, Persuasive Essay, Review)

**El Pueblo Unido****ER - 49****D 2nd 5 Weeks****Classroom:** Cinquefoil **Period:** D**Instructor(s):** Russ Rendón Mellisa Guitierrez**Fellow(s):** Daphne Clyburn**Course Description**

In this class you will learn colonization through the lens of Mexican history. Come put people in jail, become a king or a peasant who overthrows the king. Learn the history of the affects of colonization in México and in your own life. You'll express what you've learned through art, writing, discussions, reading and more. And never forget that la raza vive!

**ILP Graduation Requirements Possible**

S &amp; C - World History: Growth and Transition Project

S &amp; C - United States History: Growth and Transition

Literature - Discussion Skill: Leader (1)

Literature - Discussion Skill: Participant (1)

Writing - Review (Book, Movie, CD, Show, Restaurant)

Writing - Essay of Explanation

Writing - Persuasive Essay

**ILP Notes:** This class will offer only one of the eight US or World History credits available. It will also only offer one of the three pieces of writing credit listed above.

**The Inability...****ER - 49****D 2nd 5 Weeks****Classroom:** Anemone **Period:** D**Instructor(s):** Kirstin Sizemore**Fellow(s):** Joel Oubre**Course Description**

Do you want to be able to make positive changes here on campus? In your wings? In your classes? At home? Here's your chance to gain and improve upon your leadership skills. In this class you will have the opportunity to figure out your strengths and find your leadership style. We will be studying significant leaders throughout history as well as leaders in our community through research and observation. We will be learning about several different kinds of leadership styles and skills. You will then have the opportunity to practice these different skills by doing a leadership project and reflect upon the experience. These skills will be able to help you throughout your Eagle Rock career and beyond. Take this chance to really figure out how to best utilize your strengths and be able to positively influence people around you.

**ILP Graduation Requirements Possible**

Writing - Essay of Explanation

Literature - Discussion Skill: Leader (1)

Literature - Discussion Skill: Participant (1)

S &amp; C - World History: Growth and Transition Project

S &amp; C - United States History: Power Relations Project

**ILP Notes:** Students will choose one of the two S&C credits offered.**Cine-Music****ER - 49****D 2nd 5 Weeks****Classroom:** Schoolhouse/LRC **Period:** D**Instructor(s):** Jon Borodach**Fellow(s):** Peter Finn**Course Description**

Do you like movies? Like music? Ever notice how the soundtrack of a movie makes the movie good...or not? In this course we will look at music's tremendous impact on films. We will watch selected films from many different styles and genres to see how and why the soundtrack gives life and emotion to the movie. We will use Garage Band and iMovie to compose new music for original short films produced by ERS students, and we will re-score scenes from existing films. Prior musical knowledge/experience would be helpful but not required. Strong interest in music IS required.

**ILP Graduation Requirements Possible**

Music - Project: Music Theory

Music - Presentations (1)

Writing - Essay of Explanation

S &amp; C - World History: Technological Evolutions Project

Music - Project: Music History

**ILP Notes:****Short Films****ER - 49****D 2nd 5 Weeks****Classroom:** Kinnikinnik **Period:** D**Instructor(s):** Dave Manzella**Fellow(s):** Reggie Scruggs**Course Description**

Have you ever wanted to write, shoot, and edit your own short film? Here is your chance! During this 5-week course you will write a script, shoot footage, and edit using iMovie. Five weeks is not a lot of time, so students should be prepared to work hard, think on their feet, and take the necessary steps to finish their films by the end of the trimester. This course will culminate with a Short Film Festival for the Eagle Rock community. Student films may also be selected to submit to local, regional, or national festivals.

**ILP Graduation Requirements Possible**

Writing - Creative Writing (Literature Class if Possible)

Technology - Multimedia Presentation

**ILP Notes:**

**Classroom:** Chroma **Period:** D

**Instructor(s):** Cindy Elkins

**Fellow(s):**

**Course Description**

Do you have a creative mind and enjoy self exploration? Then deepen your knowledge about your personal culture and begin to understand others as you develop the artist within. Visually represent your heritage and develop ways of communicating your feelings and personal history. Experiment with a variety of 2-D and 3-D art mediums.

**ILP Graduation Requirements Possible**

Art - Crafts / Art History Portfolio

S & C - Geography: Cultural Geography Project

**ILP Notes:**