

# COURSES

Eagle Rock School  
ER 37 Class Schedule  
Fall 2005

Specials	1 <sup>st</sup> Period	2 <sup>nd</sup> Period	3 <sup>rd</sup> Period (First 5 weeks)	3 <sup>rd</sup> Period (Second 5 weeks)
<b>Service</b> (John, Sarah) Woodshop	<b>Mind, Body &amp; Spirit: What in the World is Health?</b> (Jen/John/Janet/Jenna) Science Lab	<b>On Eagle's Wings</b> (Karolee/Andy) Schoolhouse	<b>Soccer Savvy: Coaching the Future World Cup Stars!</b> (Jen/John) HPC	<b>In Search of Soul</b> (Andy/Karolee) Schoolhouse
<b>Academics</b> (Donnie, Eric) LRC	<b>Introduction to Latin</b> (Robert/Eric/Alan) Yarrow	<b>Eagle Rock Statistics: Describing an Eagle Rock Student</b> (Jimmy/Jill) Shooting Star	<b>REASON Reasonably!</b> (Karolee/Andy) Schoolhouse	<b>Research Writing</b> (Eric/Alan) Sage
<b>Choir</b> (Karolee, Andy) Schoolhouse	<b>World of Spanish I</b> (Russ/Adriana) Cinquefoil	<b>Off the Boat</b> (Donnie/Daniel) Yarrow	<b>Art Sale!</b> (Cynthia/HaeJohn/John/Sarah) Woodshop/Art Building	<b>OUCH! Sports Injuries 101</b> (Jen/John) HPC / Science Lab
<b>LRC Aides &amp; Tech Aides</b> (Richard, Sarah) LRC	<b>Do Bees Build It Best?</b> (Jimmy/Jill) Shooting Star	<b>3<sup>rd</sup> Rock From the Sun</b> (Janet/Jenna) Science Lab	<b>The Chicafrican Story</b> (Russ/Adriana/Donnie/Daniel) Yarrow	<b>Environmental Racism</b> (Janet/Jenna/Russ/Adriana) Cinquefoil
<b>Math Lab</b> (Jimmy, Jill) Shooting Star	<b>Ceramics, Glass, &amp; Peace Jam</b> (Cynthia/HaeJohn) Art Building	<b>Scared Benches</b> (Cynthia/HaeJohn/John/Sarah) Woodshop	<b>Glittery Flesh: Flash Fiction Writing</b> (Eric/Alan) Sage	<b>Shutter, Zip, Click</b> (Cynthia/HaeJohn) Art Building
<b>College Prep</b> (Lan.) LRC				

# Fall Trimester - ER 37 Class Descriptions

## Specials

### Service (John, Sarah)

Be of service to others. Recycle, refurbish, and refresh the campus. Connect with people and projects in the Eagle Rock community and beyond. Spend time outdoors, tutor and read with elementary school kids, get things done. Help out. Make a difference. Reflect. Do good work. Be of good cheer.

#### GRADUATION REQUIREMENTS POSSIBLE:

Service Learning – Project and Reflection Essay

Service Learning – Legacy Project (requires work that goes beyond the expectations of the course)

Service Learning – Written work – Philosophy (for students nearing graduation)

### Academics (Donnie, Eric)

Need a tutor from Estes? Need extra **staff** assistance on homework assignments? Need more time in the LRC? This time is designed for those students who need the support and attention of adults from ERS and Estes Park to complete assignments, understand difficult concepts, or obtain guidance in completing a project. **This is not a study hall**, it is a place to obtain academic assistance.

### Choir (Karolee, Andy)

Empowerment through Music! Let your spirits soar? Did you know that it has been said that people who sing score up to 51 points higher on the SATs than the national average? Did you know that by starting your day singing, by using both sides of the brain, prepares you for the rest of the day? Ever hear of that Rocky Mountain high? Why is that? Come and find out!

#### GRADUATION REQUIREMENTS POSSIBLE:

Choir

Music Theory

### LRC Library Aide or LRC Technology Aide (Richard, Sarah, Rob)

If you love the LRC and find technology or the library exciting and challenging, see Richard or Rob!

#### GRADUATION REQUIREMENTS POSSIBLE:

Technology

### Math Lab (Jimmy, Jill)

This Specials is designed **only** for students enrolled in a math class this trimester who needs additional assistance beyond the general support given in math club and class. If you are serious about working on your struggles with math and are in the Bees or Stats class you are eligible to sign up for this. You will be expected to work only on math. This is not a general study hall.

## **{Specials Continued}**

### College Prep (Lan)

For upcoming prospective graduates (December 2005, April 2006, or August 2006) who plan to go to college, this Specials will provide the time and support for college and scholarship research, college and scholarship applications, essay writing, SAT and ACT prep, understanding financial aid,

requesting letters of recommendations, compiling a portfolio, and practicing interviewing skills. Students will also have the opportunity to research options besides college.

**GRADUATION REQUIREMENTS POSSIBLE:**

- Business letter
- Cover Letter
- Résumé
- Job/College Interview
- Portfolio of Possibilities

**First Period**

**Mind, Body & Spirit: What in the World is Health?** (Jen, John, Janet, Jenna)

In this class you will have an opportunity to explore different ideas of health from around the world as it relates to mind, body and spirit. How do they all work together to create “health”? We will contrast the U.S. notion of health to many other alternative options from around the world, and will use an exploration of our own minds and bodies to become more aware of our personal choices and practices as they relate to our well being. This will be an intensive class studying science, nutrition, spirituality, physical practices and mental well being as they all relate to HEALTH. Come prepared to work hard and push your limits!

**GRADUATION REQUIREMENTS POSSIBLE:**

**Current ILP:**

- |                   |   |
|-------------------|---|
| Science           | One Portfolio (Beginning, Developing, Accomplished) |
| Human Performance | Personal Health/Fitness Plan                        |
| Human Performance | Implementation Plan                                 |
| Human Performance | Personal Health Portfolio                           |
| Human Performance | Presentation  |
| Human Performance | Activity – Skills Evaluation (1)                    |
| Human Performance | Activity – Presentation (1)                         |
| Human Performance | Service (1)   |

**New ILP:**

- |                   |                                   |
|-------------------|-----------------------------------|
| Science           | One Portfolio                     |
| Human Performance | Personal Health/Fitness Portfolio |
| Human Performance | Activities Presentation           |

**Introduction to Latin** (Robert, Eric, Alan)

The purposes of this two-trimester class are to study and learn the Latin language (reading, writing, speaking, grammar) and to gain understanding of Roman culture and history.

**GRADUATION REQUIREMENTS POSSIBLE:**

- World Language: Portfolio Level I
- English: Creative Writing, Essay of Explanation, Essay of Opposing Ideas, Book Review
- American Government: Project—Historical Foundations
- Geography: Project—Physical Geography, Project—Comparing Cultures
- World History: Project—Historical Event, Project—Hypothesis
- Other as arranged with instructor approval

**The World of Spanish I** (Russ, Adriana)

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.

#### GRADUATION REQUIREMENTS POSSIBLE:

##### Current ILP:

English	Writing – Review, Essay of Explanation, Essay of Opposing Ideas
Foreign Language	Spanish-Portfolio Level I
Geography	Comparing Cultures, Physical Geography
World History	Current Event, Historical Event

##### New ILP:

Societies & Cultures	Geography – Cultural, Physical
	World History – Power Relations, Growth & Transition, Technological Evolutions
World Language	Spanish – Portfolio Level I

#### **Do Bees Build It Best?** (Jimmy, Jill)

What do the Pythagoras, honeybees, and hexagons have in common? Why have scientists throughout history repeatedly said “Mathematics is the language of the Gods”? Answer these questions and more in a Geometry course designed to apply the concepts of area, volume, and the Pythagorean theorem to the shape and structure of a honeycomb, in order to answer the question: “How can bees get the most storage space from their wax?”

#### GRADUATION REQUIREMENTS POSSIBLE:

2 Math Portfolios

#### **Ceramics, Glass, and Peace Jam** (Cynthia, HaeJohn, John, Sarah)

Learn to throw on the wheel and create pottery with hand-building techniques. Discover a variety of ways of formal and informal decoration techniques to finish pottery. Experiment with glass fusing while combining glass with ceramics. Make your mark on Estes Park and join in the Peace Jam Community Unity project by mastering the majolica glazing technique and teaching it to others. We will work in the ceramics studio and travel to local community clubs and organizations to share in a unique opportunity of cross-cultural and generational art creating. Our final results will be part of a permanent tunnel installation located in downtown Estes Park.

#### GRADUATION REQUIREMENTS POSSIBLE:

Crafts Portfolio/Art History Credit  
Service

## **Second Period**

#### **On Eagles Wings** (Karolee, Andy)

Empowerment through Music! Let your spirits soar! Ever wished you played a musical instrument? Take this course and learn how to do it! Ever wonder what those dots and lines are on a musical page? What music do you like and why? Has there ever been a time when music didn't exist? Is there a connection between the human soul, emotions, and music? What is and how does one improvise? Is there a relationship between math and music? Whew! So many questions! Let's find out! Be prepared to work hard and this course is definitely for the **self-directed learner**.

#### GRADUATION REQUIREMENTS POSSIBLE:

Music History  
Music Theory

Music Presentations (2)

Math Portfolio (1)

**Eagle Rock Statistics: Describing an Eagle Rock Student** (Jimmy, Jill)

Learn the tools of statistics by studying something with which you are already intimately familiar...Eagle Rock and its staff and students! The course will begin learning the basics of descriptive statistics by surveying and describing the Eagle Rock school community. Summary writing projects based on the occasional misrepresented data will help students learn the various ways statistics are misused in the media. After learning how to use descriptive statistics to describe the Eagle Rock community, the class will begin the studying the exciting field of inferential statistics, where students will try to make conclusions about Eagle Rock based on both the data they collect and the data set the PDC has recently put together summarizing 10 years worth of Eagle Rock experiences. Students completing the course will apply the tools of inferential statistics to test a hypothesis about the Eagle Rock community of their making.

GRADUATION REQUIREMENTS POSSIBLE:

Two Math Portfolios

**Off the Boat** (Donnie, Daniel)

It is estimated that by the year 2050 one of every four US residents will either be an immigrant that has arrived since 1990 or the offspring of one. What does this mean for our country? Throughout our history the US has been referred to as a melting pot of culture, race, religion, and all of the other characteristics that define what it means to be a human being in today's society. For centuries people have flocked to the US to be a part of this melting pot, why? In this course we will study the social conditions that encouraged the immigration of so many people to the US and consequently we will study what this population of émigrés has meant to life in the United States. In addition to studying these stories we will use the skills of oral history to record the sagas of many of the United States' immigrant citizens.

GRADUATION REQUIREMENTS POSSIBLE:

Current ILP:

American History: (Current Event, Historical Event, Hypothesis)

World History: (Current Event, Historical Event, Hypothesis)

American Government: Project National Issues, Laws, and Historical Foundations

Geography: Comparing Cultures, Own Culture

English: *Writing* - Essay of Opposing Ideas, Review, Essay of Explanation, Interview

New ILP:

U.S. Government: Democracy, Domestic Issues, International Issues

U.S. History: Power Relations, Growth and Transition, Political Theory, Technological Evolutions

World History: Power Relations, Growth and Transition, Political Theory, Technological Evolutions

Geography: Cultural Geography, Physical Geography

Writing: Essay of Opposing Ideas, Review, Essay of Explanation, Persuasive Essay

Civics: Community Action and Education Project

**3<sup>rd</sup> Rock from the Sun** (Janet, Jenna)

How do the earth's systems interact to create an environment in which life can exist? How are humans permanently changing the delicate balance of those systems? These questions will be answered as we explore the relationships between the earth's water, air, land, and life through the lens of energy production and consumption. Case studies will also be examined so that we may investigate how differences such as geography and population affect the larger earth system.

GRADUATION REQUIREMENTS POSSIBLE:

Current ILP:

2 Science Portfolios – Beginning, Developing, or Accomplished  
Environmental Science – Global Issues, Composition and Presentation

New ILP:

2 Science Portfolios  
1 Environmental Science Issue – Composition or Presentation

**Sacred Benches** (Cynthia, HaeJohn, John, Sarah)

Learn woodworking and other craft skills through the creation of a sacred site on our campus near the living village. The focus of class is to design and build a usable, aesthetically pleasing reflective environment. Study the history of sacred places in our world and use this knowledge to identify a meditative place that suits our community needs. Plan on working hard in this class to develop mind, body and spirit through studying the history of different sacred places. A lasting place of significance will be made by hand using tools and skills that develop the artist within.

GRADUATION REQUIREMENTS POSSIBLE:

Crafts Portfolio and Art History Credit  
Service-Learning Project or Legacy Project Credit  
Service-Learning Philosophy Credit  
Literature: leading and participating in discussion Credit(s)

**Third Period – First 5 Weeks**

**Soccer Savvy: Coaching the Future World Cup Stars!** (Jen, John)

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! In this class you will have the opportunity to refine your own 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 class time, both for coaching your team (practices during class time, games during Saturday seminars) and for class field trips, as well as the possibility of playing in the evening adult soccer league in town. 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!

GRADUATION REQUIREMENTS POSSIBLE:

Current ILP:

Human Performance	Activity – Skills Evaluation (1)
Human Performance	Activity – Presentation (1)
Human Performance	Service (2)
Geography	Project – Physical Geography
English	Writing: Review (movie)
Technology	Multimedia Presentation

New ILP:

Human Performance	Activities Presentation
Societies & Culture	Physical Geography Project

Writing  
Technology

Review (movie)  
Multimedia Presentation

**REASON Reasonably!** (Karolee, Andy)

Ever dream of having your own personal recording studio? Ever wonder how Mac Dre, Ric Roc, and the Propellerheads lay down their own beats? For that matter, how Donnie, David, JR, Vanessa, Veronica, Will, Seth and so on lay down their tracks and flows? Do you have emotions and ideas that you wish you could put down on a track? Have you composed your own music and would like to have it recorded? Well, come find out how you can do this! You will explore and learn (reasonably) the virtual REASON, Garageband, and Sibelius so that you too can be a “freestyler”. As with ALL MUSIC CLASSES, learning will be in a non- threatening environment and is for the **self-directed and self-motivated learner**.

GRADUATION REQUIREMENTS POSSIBLE:

Project- Music Theory  
Project- Music History  
Project- Music Technology (Electives)  
Presentations (2)  
Chapter or Portfolio in Math  
Essay of Explanation

**Art Sale!** (Cynthia, HaeJohn, John, Sarah)

Create, sell, donate! This class is designed to do service through the arts to benefit the Graduate Fund, Cross Roads Ministry, and Bright Christmas. A variety of crafts and fine art items will be created with the intention of being sold or auctioned in November at our annual ERS Arts and Crafts Sale. We also donate to both the Bright Christmas and Cross Roads Ministry programs to benefit families during the holidays. Gourd art, silk painting, woodcarving, and batik are a few of the crafts that you will have the opportunity to learn.

GRADUATION REQUIREMENTS POSSIBLE:

Crafts Portfolio / Art History Credit  
Service-Learning Project Credit  
Service-Learning Philosophy Credit

**The Chicafrican Story** (Russ, Adriana, Donnie, Daniel)

This course will compare the histories of African-Americans and Chicanos/as as they relate to one another as major minority groups in America struggling for equity. We will explore several different texts in order to understand these histories and how they relate to us, these will including the following: restaurants, museums, speakers, plays, books, movies, and personal interviews. This class will culminate with a project to conserve these histories. Prepare to travel the depths of life as a hyphenated American.

GRADUATION REQUIREMENTS POSSIBLE:

Current ILP:

American History: (Current Event, Historical Event, Hypothesis)  
American Government: Project National Issues, Laws, and Historical Foundations  
Geography: Comparing Cultures, Own Culture  
English: *Writing* - Essay of Opposing Ideas, Review, Essay of Explanation, Interview

New ILP:

U.S. Government: Democracy, Domestic Issues

United States History: Power Relations, Growth and Transition, Political Theory, Technological Advancements

Geography: Cultural Geography

Writing: Essay of Opposing Ideas, Review, Essay of Explanation, Persuasive Essay

**Glittery Flesh: Flash Fiction Writing!** (Eric, Alan)

Flash fiction, a genre of short stories known by many names (e.g., postcard fiction, short-short fiction, etc.), provides us with a way to creatively strengthen our abilities to write in order to be read. You will be encouraged and expected to loose your heart onto your imagination and loose your imagination onto the reading world. You will practice translating your imagination into readable words, reading the short works of other authors, editing your own writing, and getting your short stories published.

GRADUATION REQUIREMENTS POSSIBLE:

Writing            Creative Writing  
                         Review

## **Third Period – Second 5 Weeks**

**In Search of Soul** (Karolee, Andy)

In this course, we'll dive into the world of jazz: we'll study its origins and its major players, we'll explore what gives it that certain special sound, and we'll create it ourselves on a daily basis. We'll examine and practice improvisational techniques on a number of instruments. It will be to your advantage if you have studied music in some form in the past, but the only prerequisite for this course is a passion for learning and creating music. Be prepared to work hard; this course is definitely for the **self-directed learner**.

GRADUATION REQUIREMENTS POSSIBLE:

Music History  
Music Theory  
Music Presentations (2)  
Geography- Your own culture  
English- Essay of explanation  
English- Essay of opposing ideas

**Research Writing** (Eric, Alan)

Learn how to do research and then write based upon your findings. The skills developed in this class will help you a lot in other classes where you are doing research and writing a composition. It is a good one to take early in your career.

GRADUATION REQUIREMENTS POSSIBLE:

New ILP:  
Writing            Early career research project

**OUCH! Sports Injuries 101** (Jen, John)

Sports and activity are abundant around Eagle Rock – and they continue to take a toll on our bodies! This class will give you the opportunity to learn more about sports injuries and how they occur, and what YOU can do about them. We will visit with professionals in the field, you will have a patient case study to complete with someone on campus, and you will become an 'athletic therapy intern' on the Field of Dreams. We will learn about the basic anatomy of the human body, taping techniques to

maximize performance, and overall care and rehabilitation of sports injuries. We will also examine the use of aquatics facilities in athletic therapy, and we will use our Eagle Rock Pool to experiment with various techniques for rehabilitation and strengthening. This will be an intensive class that will also result in certification from the American Red Cross in First Aid and CPR. We will be in the pool, on the field, in the classroom and around town – come prepared for an exciting introduction to the care of Sports Injuries!

**GRADUATION REQUIREMENTS POSSIBLE:**

Current ILP:

Human Performance	Emergency Action Plan
Human Performance	First Aid Skills
Human Performance	CPR Skills
Human Performance	Aquatics Skills
Human Performance	Service (1)

New ILP:

Human Performance	First Aid & CPR certification
Human Performance	Aquatic Skills

**Shutter, Zip, Click** (Cynthia, HaeJohn)

How is the camera an extension of the human eye? Learn the skills needed for black and white photography using both manual and automatic settings on the camera. Experience the darkroom; develop your own film and make your own prints. Let the artist within explore a better sense of composition through interpreting visual images and learning to pay attention to significant elements of art such as light, texture, and space. Explore the Rocky Mountain National Park and our beautiful Eagle Rock campus armed with a camera to capture glimpses in time with an artist's eye.

**GRADUATION REQUIREMENTS POSSIBLE:**

Fine Arts Portfolio / Art history Credit

**Environmental Racism** (Janet, Jenna, Russ, Adriana)

Got clean water? Got clean air? Do the answers to these questions depend on your race? In this class we'll explore this issue and answer questions such as: What is environmental racism? Why does environmental racism exist? How do systems of oppression work to privilege some while disenfranchising others? In this class we'll see first hand the results of environmental racism during a toxic tour of Denver's Eastside neighborhood. Then we'll investigate the issue in our own communities. Come prepared to learn about how environmental destruction is connected to the color of your skin!

**GRADUATION REQUIREMENTS POSSIBLE:**

Current ILP:

Civics – Citizen responsibilities, Citizenship action  
American History – Historical Event, Current Event  
English – Writing – Interview, Essay of explanation, Essay of opposing ideas  
Environmental Science – Local, National, or Global Issues, Composition and Presentation

New ILP:

Environmental Science – issue 1 or 2 – composition or presentation  
Societies and Culture – United States Government – Democracy  
Civics – Community Action and Education Project  
United States History – Power Relations, Growth & Transition, Technological Evolution  
Writing – Review, Essay of explanation, Persuasive essay

