## ER 50 Class Schedule – Winter 2010

<table>
<thead>
<tr>
<th>Morning Exercise</th>
<th>Period A 10 Weeks</th>
<th>Period B 10 Weeks</th>
<th>Period D 10 Weeks</th>
<th>Period D First 5 Weeks</th>
<th>Period D Second 5 Weeks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday &amp; Thursday</td>
<td>Roots of Hip Hop (Jon B, Ryan, Peter)</td>
<td>ASL II (Denise, Susan M)</td>
<td>Eagle Rock Cares (John, Ryan)</td>
<td>Winter Ecology and Skiing (Jan A, Janet, Annie)</td>
<td>Brain, Balance, &amp; Body (Janet, Annie)</td>
</tr>
<tr>
<td>Choir (Jon B, Peter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Survival of the Fittest (Annie, Janet)</td>
<td>Connections in the Wood (John, Ryan)</td>
<td>Entrepreneurship (Karen, Joel, Amir)</td>
<td>Library Leadership (Beth, Dan)</td>
<td>WhIP (Cindy, Daphne)</td>
<td></td>
</tr>
<tr>
<td>Kenya Rising! (Berta, Reggie)</td>
<td>Photography &amp; Perception (Cindy, Annie)</td>
<td>Logic &amp; Reason (Music Tech) (Jon B, Peter)</td>
<td>This American Life (Peter, Reggie, Dave)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Cause (Kirstin, Joel)</td>
<td>Lifeguarding (Kirstin, Dan, Jon A)</td>
<td>Democracy Now! (Berta, Dan)</td>
<td>Feeling Lucky? (Kirstin, Karen)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boys in the Hood (Dan, Dave)</td>
<td>All That Jazz (Jon B)</td>
<td>Graduate Writing Seminar (Dave, Reggie)</td>
<td>Beginning Orchestra (Jon B)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The World of Spanish II (Russ, Daphne)</td>
<td>Environmental Racism (Berta, Janet)</td>
<td>Fiberlicious! (Cindy)</td>
<td>Outdoor Leadership (Jon A, Jesse B)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Math4Life (Karen, Denise, Amir)</td>
<td>Rock Steady Magazine Writing (Dave, Reggie)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Italian for the Adventurous II (Russ, Daphne)</td>
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<td></td>
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</tbody>
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### Choir

**Classroom:** Schoolhouse  
**Period:** T & Th am exercise  
**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 during morning exercise (Tuesday & Thursday).

**ILP Graduation Requirements Possible**

**Power Standard Course:**  
**Distribution Requirement:** Credit(s):  
**Required Experience(s):**  
**Course Notes:** Though Choir is not a graduation requirement, if you fully participate, it will be recorded on the back of the ILP and will serve you well on applications for higher education (e.g., college).

**Traditional Disciplines:** Music

### Roots of Hip Hop

**Classroom:** Schoolhouse  
**Period:** A  
**Instructor(s):** Jon Borodach  
**Fellow(s):** Ryan Plantz  

**Course Description**

What is hip hop? We will explore the roots of hip hop through analysis of gospel, blues, jazz, soul, funk, and reggae with focused consideration on social, political, cultural, and musical influences. Exploration will then shift to the ‘hip hop revolution’ that emerged in the Bronx in the early ‘80s. Art forms explored will include scratching, graffiti art, breakdancing, and MCing. We will discuss the elements that drive current hip hop music, it’s legitimacy as an art form, and its powerful impact (positive and negative) on society.

**ILP Graduation Requirements Possible**

**Power Standard Course:** No  
**Distribution Requirement:** Leadership For Justice  
**Credit(s):** 1  
**Required Experience(s):** None  
**Course Notes:**

**Traditional Disciplines:** Music  Government/Civics  History: US
Survival of the Fittest

Classroom: Period: A
Instructor(s): Janet Johnson
Fellow(s): Annie Lindberg

Course Description
How is all life on Earth connected? Why is it that fruit flies and humans share the same enzymes? How closely related are we to chimpanzees? We will answer these and other questions as we explore the theory of evolution. This is a biology class focused on examining how evolution by natural selection works. We will also study the patterns of diversity that have emerged from millions of years of evolution. In this class you can expect readings, class discussions, note-taking, and activities related to creating and understanding different organism's family trees.

ILP Graduation Requirements Possible

Power Standard Course: No
Distribution Requirement: Expanding Knowledge Base Credit(s): 1
Required Experience(s): None

Course Notes:

Traditional Disciplines: Science: Biology

Kenya Rising!

Classroom: Yarrow Period: A
Instructor(s): Berta Guillen
Fellow(s): Reggie Scruggs

Course Description
Too often we clump the African countries as being exactly the same: dry, poor and full of safaris. Come challenge your assumptions about Africa and learn the realities of one country: KENYA! This country claims to be the "cradle of civilization" and defeated British colonial rule but despite it's growing economy, fifty percent still live below the poverty line. In this course you will learn about Kenya's struggles in post-colonial times and you will meet Dolphine, a Kenyan woman who runs the Korando Faith Widows and Orphans Center in Kisumu, Kenya. Not only will you learn more about the geography, history, culture and activism of Kenya, together we will raise awareness and funds to support Dolphine in her work.

ILP Graduation Requirements Possible

Power Standard Course: Yes Engaged Global Citizen
Distribution Requirement: Engaged Global Citizen Credit(s): 1
Required Experience(s): Aids Awareness

Course Notes: Prior Aids Awareness course would be extremely helpful but not a requirement to enroll in this course.

Traditional Disciplines: Geography History: World
The Cause

Classroom: Period: A
Instructor(s): Kirstin Sizemore
Fellow(s): Joel Oubre

Course Description
Students will research and plan a public fundraising event that will raise money to help promote the awareness and education efforts of a charity or non-profit organization of their choice. We will explore different planning functions such as defining the cause, budgeting, marketing, networking, creative design, and organizational processes. In this class we will also spend time partnering with local and national organizations, vendors, and sponsors to raise funds, donations, and marketing tools for “The Cause.”

ILP Graduation Requirements Possible
Power Standard Course: Yes Leadership For Justice
Distribution Requirement: Leadership For Justice Credit(s): 1
Required Experience(s): None
Course Notes:
Traditional Disciplines: English Government/Civics Visual Art

Boys in the Hood

Classroom: Period: A
Instructor(s): Dave Manzella
Fellow(s): Dan Hoffman

Course Description
We all come from different neighborhoods; home communities where we live both a shared and individual experience. While everyone comes from a different hood, we all share common values about the places we want to live. This course will allow students to explore their home communities through both creative and analytical writing. Students will also study what institutions, and environments help make up strong neighborhoods and strong communities.

ILP Graduation Requirements Possible
Power Standard Course: No
Distribution Requirement: Engaged Global Citizen Credit(s): 1
Required Experience(s): None
Course Notes:
Traditional Disciplines: English Geography

The World of Spanish II

Classroom: Cinquefoil Period: A
Instructor(s): Russell Rendon
Fellow(s): Daphne Clyburn

Course Description
Continue to learn Spanish while also expanding your knowledge of Spanish culture. You will build your language skills through fun activities, games, songs, cooking, and more. You will also learn more about Spanish through interesting videos, Latin-American literature, art, theater, and excursions. Prepare to continue 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
Power Standard Course: No
Distribution Requirement: Engaged Global Citizen Credit(s): 1
Required Experience(s): None
Course Notes:
Traditional Disciplines: History: World World Language: Spanish
**Math4Life**  
**ER - 50**  
**A**  
**10 Weeks**

- **Classroom:** Shooting Star  
- **Period:** A  
- **Instructor(s):** Karen Ikegami  
- **Fellow(s):** Amir Erez

**Course Description**

After graduating from Eagle Rock, where will you be living? What will you be doing? And, more importantly, how will you pay for everything? In this class you will imagine what your life might be like in the near future, and learn how math can help you to successfully and responsibly plan for that life. Topics covered will include: how to save money, manage bank accounts, create a budget and file a tax return. Come prepared to put in a high level of time and effort that will help set you up for success in your Life After Eagle Rock.

**ILP Graduation Requirements Possible**

- **Power Standard Course:** No
- **Distribution Requirement:** Expanding Knowledge Base  
- **Credit(s):** 1
- **Required Experience(s):** Life Skills Portfolio

**Course Notes:**

- **Traditional Disciplines:** Math: Algebra  
  Economics

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**American Sign Language II**  
**ER - 50**  
**B**  
**10 Weeks**

- **Classroom:** Yarrow  
- **Period:** B  
- **Instructor(s):** Denise Lord  
  Susan Marcus  
- **Fellow(s):**

**Course Description**

In this class you'll continue 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 deaf culture and history in the United States.

**ILP Graduation Requirements Possible**

- **Power Standard Course:** No
- **Distribution Requirement:** Effective Communication  
- **Credit(s):** 1
- **Required Experience(s):** None

**Course Notes:**

- **Traditional Disciplines:** History: US  
  American Sign Language
Connections in the Wood

<table>
<thead>
<tr>
<th>Classroom: Redwood</th>
<th>Period: B</th>
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<tbody>
<tr>
<td>Instructor(s): John Guffey</td>
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<tr>
<td>Fellow(s): Ryan Plantz</td>
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</tbody>
</table>

**Course Description**

Learn the art and craft of woodworking by completing a service project for ERS or Furniture Connections. Shape, join, sculpt and finish a useful and aesthetically pleasing 3D project. Develop your sense of design, proportion, line and detail. Learn and apply skills in problem solving, layout, measurement, care and use of tools, cooperation and time management. Become familiar with wood, its charms and challenges, and with the tools and style of a master woodworker, through research and presentation of a particular artist and his or her work.

**ILP Graduation Requirements Possible**

**Power Standard Course:** No

**Distribution Requirement:** Expanding Knowledge Base  **Credit(s):** 1

**Required Experience(s):** Service Project and Reflection

Legacy Project and Reflection

**Course Notes:**

**Traditional Disciplines:** Visual Art  History: World  Math: Geometry

Photography & Perception

<table>
<thead>
<tr>
<th>Classroom: Chroma/Dark Room</th>
<th>Period: B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instructor(s): Cindy Elkins</td>
<td></td>
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<tr>
<td>Fellow(s): Annie Lindberg</td>
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</tbody>
</table>

**Course Description**

How do you perceive the world? What lens do you look through? Develop your compositional abilities in photography and writing. Learn digital and black and white darkroom techniques. Enjoy expressing your unique perspectives with pen and point-and-shoot as art, science, and writing join together to create an opportunity for you to learn.

**ILP Graduation Requirements Possible**

**Power Standard Course:** Yes  Effective Communication

**Distribution Requirement:** Effective Communication  **Credit(s):** 1

**Required Experience(s):** None

**Course Notes:**

**Traditional Disciplines:** Science: Chemistry  Visual Art  English
**Lifeguarding**  
**Classroom:** Pool  
**Period:** B  
**Instructor(s):** Kirstin Sizemore, Jon Anderson  
**Fellow(s):** Dan Hoffman

**Course Description**
Have you ever wanted to be a stronger swimmer? Do you ever think of the possibility of feeling comfortable enough in the water that you could assist someone in need, or help prevent an accident from ever occurring? In this class you'll have an opportunity to strengthen your skills and ability in the water, while also exploring the knowledge required to rescue someone in danger. Opportunities exist for everyone in the class to work towards certification by the American Red Cross in Lifeguarding, First Aid, and CPR. There is NO previous swimming experience required to be in the class; no matter what you perceive your ability to be right now, you CAN become a lifeguard!

**ILP Graduation Requirements Possible**

**Power Standard Course:** No  
**Distribution Requirement:** Creating Healthy Life Choices  
**Credit(s):** 1  
**Required Experience(s):** None  
**Course Notes:**  
**Traditional Disciplines:** Physical Education

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**All That Jazz**  
**Classroom:** Schoolhouse  
**Period:** B  
**Instructor(s):** Jon Borodach  
**Fellow(s):** Peter Finn

**Course Description**
From the Blues to Bebop; from Dixieland to the 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. Find out why Wynton Marsalis said "Jazz music celebrates life--human life. The range of it. The absurdity of it. The ignorance of it. the greatness of it. The intelligence of it. The sexuality of it. The profundity of it."

**ILP Graduation Requirements Possible**

**Power Standard Course:** No  
**Distribution Requirement:** Engaged Global Citizen  
**Credit(s):** 1  
**Required Experience(s):** None  
**Course Notes:**  
**Traditional Disciplines:** History: US, Music
### Environmental Racism

**ER - 50**  
**Period:** B  
**10 Weeks**

**Classroom:** Science Lab  
**Instructor(s):** Janet Johnson  
**Berta Guillen**  
**Fellow(s):**

**Course Description**  
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? 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!

**ILP Graduation Requirements Possible**

**Power Standard Course:** No  
**Distribution Requirement:** Leadership For Justice  
**Credit(s):** 1  
**Required Experience(s):** None  
**Course Notes:**  
**Traditional Disciplines:** History: US  
Science: Biology

### Rock Steady Magazine Writing

**ER - 50**  
**Period:** B  
**10 Weeks**

**Classroom:**  
**Instructor(s):** Dave Manzella  
**Fellow(s):** Reggie Scruggs  

**Course Description**  
The Rock Steady Magazine Writing class will work to produce multiple issues of the Eagle Rock magazine. Students will learn about the creative writing process of producing a quality magazine article. This will require in depth reporting and research coupled with creative and insightful writing. The opportunity to examine the anatomy of niche magazines and learn about the business side of publishing will also be provided. So, put your creative caps on and get ready to take a journey through the stories of strangers!

**ILP Graduation Requirements Possible**

**Power Standard Course:** No  
**Distribution Requirement:** Expanding Knowledge Base  
**Credit(s):** 1  
**Required Experience(s):** None  
**Course Notes:**  
**Traditional Disciplines:** English

### Italian for the Adventurous Part II

**ER - 50**  
**Period:** B  
**10 Weeks**

**Classroom:** Cinquefoil  
**Instructor(s):** Russ Rendón  
**Fellow(s):** Daphne Clyburn  

**Course Description**  
Continue to learn Italian while also expanding your knowledge of Italian culture. You will build your language skills through fun activities, games, songs, cooking, and more. You will also learn more about Italian through interesting videos, literature, art, theater, and excursions. 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**

**Power Standard Course:** No  
**Distribution Requirement:** Engaged Global Citizen  
**Credit(s):** 1  
**Required Experience(s):** None  
**Course Notes:**  
**Traditional Disciplines:** History: World  
World Language: Italian
### Eagle Rock Cares

**Classroom:** Shooting Star  
**Period:** D  
**Instructor(s):** John Guffey  
**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*

<table>
<thead>
<tr>
<th>Power Standard Course</th>
<th>Distribution Requirement</th>
<th>Required Experience(s)</th>
<th>Credit(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes Engaged Global Citizen</td>
<td>Engaged Global Citizen</td>
<td>Service Project and Reflection Public Service Presentation</td>
<td>2</td>
</tr>
</tbody>
</table>

**Course Notes:**

- **Traditional Disciplines:** Government/Civics  Economics  English

### Entrepreneurship

**Classroom:** Shooting Star  
**Period:** D  
**Instructor(s):** Karen Ikegami  
**Fellow(s):** Amir Erez  Joel Oubre

**Course Description**
Ever thought of starting your own business? This course will give you the skills to do just that. In this course, you will learn the skills to write a business plan and then submit this plan to a bank for loan consideration. Content learned will include marketing, accounting, economics, interest and presentations skills.

*ILP Graduation Requirements Possible*

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<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>Effective Communication</td>
<td>None</td>
<td>1</td>
</tr>
</tbody>
</table>

**Course Notes:**

- **Traditional Disciplines:** Economics  Math: Algebra  Math: Statistics

### Winter Ecology and Skiing

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

**Course Description**
In this class we will study the ecological relationships that characterize the montane environment and then apply those concepts to other montane ecosystems around the world. We will also investigate the impact that humans are having on mountain ecosystems. We will telemark ski twice each week to investigate the montane ecosystem. In particular, we will study the critters who live there and how they are adapted to life in winter conditions. Students who sign up for this class should be prepared to be outside in winter conditions two times each week, to leave early on field days, and to get KP covers. We will be skiing in Rocky Mountain National Park as well as Eldora Ski area.

*ILP Graduation Requirements Possible*

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<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>Creating Healthy Life Choices</td>
<td>None</td>
<td>1</td>
</tr>
</tbody>
</table>

**Course Notes:**

- **Traditional Disciplines:** Physical Education  Science: Earth
### Library Leadership

**Course Description**

Be an instrument of Change. In this course we will research and define a bold new direction for the Eagle Rock School Library. Research and review various library concepts and designs. Visit libraries and bookstores that represent these concepts and designs. Gain the pulse of our ERS community’s library needs through interviews, surveys and off the record conversations. Create floor plans, informative displays and posters. Develop and present findings and intentions to the ERS Community. Be the Difference!

**ILP Graduation Requirements Possible**

**Course Notes:** It is possible for students to use this class for their legacy project credit if they choose to complete the additional requirements.

**Traditional Disciplines:** English  Math: Geometry  Visual Art

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### Logic & Reason (Music Tech)

**Course Description**

This course is an introduction to music recording and editing through the software Logic and Reason. We will learn methods for recording real and virtual instruments as well as how to loop, equalize and alter these recordings. The course incorporate aspects of musical composition into the recordings process.

**ILP Graduation Requirements Possible**

**Course Notes:**

**Traditional Disciplines:** Music

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### Democracy Now!

**Course Description**

Democracy is defined as a system of government in which the greatest power of a nation is invested in its people. The United States is usually defined as a democracy, but how does this democracy work if at all? In Democracy Now students will explore the structure and function of the US government and will question the merits of this system as a democracy.

**ILP Graduation Requirements Possible**

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Graduate Writing Seminar  
**ER - 50  D  1st 5 Weeks**

- **Classroom:** Sage  
- **Instructor(s):** Dave Manzella  
- **Fellow(s):** Reggie Scruggs, Dan Hoffman

**Course Description**
Through this 5-week course, students who are approaching graduation will be working towards completing the Expanding Knowledge Base assessment: Major Research. 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 projects. There will be plenty of time for independent work, but this means students must practice self-discipline. Students hoping to complete their project during this course should have a narrowed topic, most of their research, and a rough draft.

**ILP Graduation Requirements Possible**
- **Power Standard Course:** Yes Expanding Knowledge Base
- **Distribution Requirement:** Expanding Knowledge Base  
  - **Credit(s):** 1
- **Required Experience(s):** None
- **Course Notes:**
- **Traditional Disciplines:** English

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Fiberlicious  
**ER - 50  D  1st 5 Weeks**

- **Classroom:** Chroma/Pottery  
- **Instructor(s):** Cindy Elkins
- **Fellow(s):**

**Course Description**
Personal connections with what we wear will help us explore our artistic expression. Students will develop an understanding for the creation of fiber arts while exploring the techniques of batik, silk painting, silk screen, weaving and knitting. Personal identity and cultural associations of historical cloths will be addressed. Students will learn a variety of fiber-craft techniques and create wearable-art. Through aesthetic expression, effective communication will be taught and experienced with what we wear.

**ILP Graduation Requirements Possible**
- **Power Standard Course:** No
- **Distribution Requirement:** Effective Communication  
  - **Credit(s):** 1
- **Required Experience(s):** None
- **Course Notes:**
- **Traditional Disciplines:** Visual Art, Geography, History: World
Brain, Balance & Body

Classroom: Lower Art Building  Period: D
Instructor(s): Janet Johnson
Fellow(s): Annie Lindberg

Course Description
How does your brain work? How is it changing and developing during adolescence? How do your experiences with drugs, sex, exercise, stress, meditation, and yoga change the brain physically and chemically? In this course we will learn about the biological and chemical nature of the changing teenage brain. Additionally, in order to experience and better understand the intricate connection between body and mind, we will engage in yoga and meditation regularly.

ILP Graduation Requirements Possible
Power Standard Course: No
Distribution Requirement: Creating Healthy Life Choices  Credit(s): 1
Required Experience(s): None

Course Notes: Though we will not be offering a power standard, significant elements "self" portion of the power standard "Creating Healthy Life Choices" will be addressed. You will be able to use information from this class to work to complete the power standard later or in another ER course.

Traditional Disciplines: Physical Education  Science: Biology  Science: Chemistry

WhIp (Write, Illustrate, Publish)

Classroom: Lower Art Building  Period: D
Instructor(s): Cindy Elkins
Fellow(s): Daphne Clyburn

Course Description
WhIP your writing and art skills into shape. Become a published author. Write a book that tells a tale with a moral or lesson related to your life. Create an original book using artistic mediums of your choice to illustrate your words. Donate a copy to your favorite non-profit organization and get your limited edition original book out to the public.

ILP Graduation Requirements Possible
Power Standard Course: Yes  Effective Communication
Distribution Requirement: Effective Communication  Credit(s): 1
Required Experience(s): None

Course Notes:

Traditional Disciplines: English  Visual Art
### This American Life

**Classroom:** Shooting Star and Feeling Lucky?
**Instructor(s):** Dave Manzella
**Fellow(s):** Reggie Scruggs, Peter Finn

**Course Description**
In this course we will use the NPR program 'This American Life' as an example of alternative journalism. We will discuss the program's approach towards themes and issues in contrast with traditional forms of journalism (i.e. Newspapers, Television). We will then create our own programs focused on issues relevant to the Eagle Rock and Estes Park communities based on the 'This American Life' model.

**ILP Graduation Requirements Possible**
- Power Standard Course: No
- Distribution Requirement: Effective Communication
- Credit(s): 1
- Required Experience(s): None
- Traditional Disciplines: English

### Feeling Lucky?

**Classroom:** Schoolhouse
**Instructor(s):** Karen Ikegami, Kirstin Sizemore
**Fellow(s):**

**Course Description**
Want to learn how to make better decisions? What risks do we take in our lives, and how can the mathematics of chance better inform which risks we chose to take and which we chose to avoid? This course, based in the casino world, will help you practice making calculated decisions. As we study the mathematics of gambling we will learn how to weigh our choices in order to increase our chances at success. In class, we will gamble, discuss real life decisions that need to be made, and create casino-style games to host a casino night for the Eagle Rock community!

**ILP Graduation Requirements Possible**
- Power Standard Course: No
- Distribution Requirement: Creating Healthy Life Choices
- Credit(s): 1
- Required Experience(s): None
- Traditional Disciplines: Math: Statistics

### Beginning Orchestra

**Classroom:** Schoolhouse
**Instructor(s):** Jon Borodach
**Fellow(s):**

**Course Description**
Now's your chance to learn a musical instrument. Violin, viola, cello and bass; these instruments have inspired composers, delighted musicians and filled audiences with joy for over 500 years. You too can learn to play one of these marvelous instruments.

**ILP Graduation Requirements Possible**
- Power Standard Course: No
- Distribution Requirement: Effective Communication
- Credit(s): 1
- Required Experience(s): None
- Traditional Disciplines: Music, History: World
Outdoor Leadership

Classroom: ER - 50  D  2nd 5 Weeks
Instructor(s): Jon Anderson  Jesse Beightol
Fellow(s): 

Course Description
Are you interested in the outdoors and what it means to truly be a leader? Do you like activities such as climbing, mountain biking, fly-fishing, and skiing? In the outdoor leadership class we will participate in a variety of outdoor activities, investigate what it means to be a leader in a variety of settings, and become certified in First Aid and CPR. Students in this class will also have the opportunity (and the advantage) to apply for the Outward Bound and NOLS scholarships, as well as the RMNP internships.

ILP Graduation Requirements Possible

Power Standard Course: Yes  Leadership For Justice
Distribution Requirement: Leadership For Justice  Credit(s): 1
Required Experience(s): None

Course Notes:

Traditional Disciplines: Physical Education  English