

# COURSES



EAGLE ROCK SCHOOL  
AND PROFESSIONAL DEVELOPMENT CENTER

## ER 80 Classes

AM 1 <sup>st</sup> 5 weeks	PM 1 <sup>st</sup> 5 weeks	AM 2 <sup>nd</sup> 5 weeks	PM 2 <sup>nd</sup> 5 weeks
<b>Sports Conditioning (A)</b> CHLC PS – <u>Sage</u> Chris, Chelsea 1.0 Biology, 0.5 PE, 0.5 Statistics	<b>Music and Social Movements (A)</b> EGC PS – <u>Schoolhouse</u> Josán, Cedric 1.0 Social Studies, 1.0 Music	<b>Sports Conditioning (B)</b> CHLC PS – <u>Sage</u> Chris, Chelsea 1.0 Biology, 0.5 PE, 0.5 Statistics	<b>Music and Social Movements (B)</b> EGC – <u>Schoolhouse</u> Josán, Cedric 1.0 Social Studies, 1.0 Music
<b>Gizmos and Gadgets</b> EKB -- <u>Science Lab</u> Sara, Michelle 1.0 physics	<b>But Then You Read (A)</b> EKB PS - <u>Kinnickinck</u> Brett, Mary 2.0 English	<b>Glass Class</b> EC- Upper Art Rooms Cindy .5 Visual Arts, .5 Math	<b>But Then You Read (B)</b> EKB PS - <u>Kinnickinck</u> Brett, Mary 2.0 English
<b>Independent Study Class (Foreign Language, Human Sexuality)</b> EKB – Yarrow Josán, Tommy 1.0 Biology/ FL	<b>Exposure</b> EC - <u>Chroma</u> -Lower Art Room Cindy/Michelle 1.0 Visual Art	<b>Pit and the Pendulum</b> EKB -- <u>Shooting Star</u> Steph 1.0 Statistics	<b>Winter Ecology</b> EKB -- <u>Science Lab</u> Sara, Chelsea 0.5 Biology, 0.5 Earth Sci
	<b>Game of Pig</b> EKB -- <u>Shooting Star</u> Steph 1.0 Statistics	<b>Memoir/Creative Nonfiction</b> EC – <u>Sage</u> Brett, Mary 1.0 English	<b>Fiberlicious</b> EC- <u>Chroma</u> - Lower Art Room Cindy/Michelle .5 Visual Arts, .5 Math
			<b>Lifeguarding</b> CHLC -- <u>HPC</u> Chris 1.0 Physical Education

EGC and LFJ power standards will be offered in the summer; EKB, EC, and CHLC will not



Ind Study Class -- Human Sexuality	ER80	Morning 1st 5 Weeks	Yarrow
<b>Instructor(s):</b> Tommy McAree			
<p>This is an opportunity for you to earn Human Sexuality credit. You will have substantial independent work time, so it's important that you are able to motivate yourself and manage your time well. You will also be working as a class to support each other and will come together at times for discussions and cooperative learning. In other words, this is not a traditional independent study, but a hybrid independent study and class.</p>			
<b>Power Standard Course:</b> No			
<b>Distribution Requirement:</b> Expanding Knowledge Base		<b>Credit(s):</b> 1	
<b>Required Experience(s):</b>			
<b>Traditional Disciplines &amp; Points:</b>			

Gizmos & Gadgets	ER80	Morning 1st 5 Weeks	Science Lab
<b>Instructor(s):</b> Sara Bengue Michelle Franco			
<p>Most engineering projects aim to simplify complex machines. In this class, you will CREATE complex machines! With art, design-thinking, and physics, you will work in a team to build a Rube Goldberg inspired machine -- a machine made up of everyday objects that is designed for one step to trigger the next until a final simple task is completed in an often silly and complicated way. You will learn about the physics of force, energy, and simple machines and apply your knowledge to design and build a successful chain reaction machine. Be prepared to practice both science and math related concepts in this class that will push you to think and act like an engineer!</p>			
<b>Power Standard Course:</b> No			
<b>Distribution Requirement:</b> Expanding Knowledge Base		<b>Credit(s):</b> 1	
<b>Required Experience(s):</b>			
<b>Traditional Disciplines &amp; Points:</b> Science: Physics 1			

Ind Study Class -- Spanish	ER80	Morning 1st 5 Weeks	Yarrow
<b>Instructor(s):</b> Josán Perales			
<p>This is an opportunity for you to earn Spanish credit. You will have substantial independent work time, so it's important that you are able to motivate yourself and manage your time well. You will also be working as a class to support each other and will come together at times for discussions and cooperative learning. In other words, this is not a traditional independent study, but a hybrid independent study and class.</p>			
<b>Power Standard Course:</b> No			
<b>Distribution Requirement:</b> Engaged Global Citizen		<b>Credit(s):</b> 1	
<b>Required Experience(s):</b>			
<b>Traditional Disciplines &amp; Points:</b> World Lang: Spanish 1.0			





The Game of Pig	ER80	Afternoon 1st 5 Weeks	Shooting Star
<b>Instructor(s):</b> Stephany Subdiaz			
<p>Pig is a competitive dice game. Learn how to figure out the best strategy in games of chance. In this course you'll learn probability and statistics while analyzing real life situations and games. By the end you'll be able to figure out complex probability, figure out the likelihood of basketball free throws, and design your own games of chance (where you're likely to win!).</p>			
<b>Power Standard Course:</b>			
<b>Distribution Requirement:</b> Expanding Knowledge Base		<b>Credit(s):</b> 1	<b>Credit(s):</b>
<b>Required Experience(s):</b>			
<b>Traditional Disciplines &amp; Points:</b> Math: Statistics 1.0			

Wilderness ER 80	ER80	All Day 1st 5 Weeks	Superstitions AZ
<b>Instructor(s):</b> Eliza Wicks-Arshack			
<p>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, extensive journal writing for content and communication skills. The expedition also includes a 72 hour solo, service learning project (trail-building &amp; trail maintenance), and concludes with a run-in. To fully complete the wilderness experience students must present a Wilderness Presentation of Learning and fulfill any obligations that carry over from the wilderness trip itself.</p>			
<b>Power Standard Course:</b> No			
<b>Distribution Requirement:</b> Creating Healthy Life Choices		<b>Credit(s):</b> 1	<b>Credit(s):</b> 1
<b>Required Experience(s):</b> New Student Wilderness Experience		Engaged Global Citizen Wilderness POL	
<b>Traditional Disciplines &amp; Points:</b> Physical Education 1 English 1			

Sports Conditioning	ER80	Morning 10 Weeks	Sage
<b>Instructor(s):</b> Chris Iafrazi Chelsea Ehret			
<p>In this class you will learn about different ways to connect to your best version of physical fitness and will experience workouts which will touch on a variety of training methods from resistance training to agility and somatics training. Through personal reflection and physical testing at the beginning and end of class you will be exposed to the methods behind your training and how your bodies and minds grow as a result of the physical practices. In addition, you will learn about nutrition and to maximize the benefits of the program. Join this class to set personal goals which will show you a return on your commitment, and help you push yourself to new levels to achieve your goals.</p>			
<b>Power Standard Course:</b> Yes Creating Healthy Life Choices			
<b>Distribution Requirement:</b> Creating Healthy Life Choices		<b>Credit(s):</b> 2	<b>Credit(s):</b>
<b>Required Experience(s):</b>			
<b>Traditional Disciplines &amp; Points:</b> Science: Biology 1 Physical Education .5 Math: Statistics .5			





Music and Social Movements	ER80	Afternoon 10 Weeks	Schoolhouse
<p><b>Instructor(s):</b> Josán Perales Cedric Josey</p> <p>How has music played a role as an instrument of change and protest? How does music tell a people's history? Students will begin to contemplate the role of music as an agent for social change. In our course we will analyze lyrics, instrumental music, poems, speeches, scripts, screenplays, theater and film for meaning and attitude and look at the roles they play in conveying a message. Students will make connections between popular music and historical events. Not only will we investigate texts, audio and video to analyze the role of music in the civil rights movement and other movements in history, we will also learn to compose music, play instruments, produce tracks, and perform the people's voice. Students will collaborate with instructors and other experts in the field to produce a scripted narrative and musical performance that highlights the themes of our class.</p>			
<p><b>Power Standard Course:</b> Yes Engaged Global Citizen</p>			
<p><b>Distribution Requirement:</b> Engaged Global Citizen</p>		<p><b>Credit(s):</b> 2</p>	
<p><b>Required Experience(s):</b></p>			
<p><b>Traditional Disciplines &amp; Points:</b> History: World 1 Music 1</p>			

But Then You Read	ER80	Afternoon 10 Weeks	Kinnikinnik
<p><b>Instructor(s):</b> Brett Youngerman Mary Loomis</p> <p>It was James Baldwin who once said "You think your pain and your heartbreak are unprecedented in the history of the world, but then you read. It was books that taught me that the things that tormented me most were the very things that connected me with all the people who were alive, who had ever been alive." In this course we will examine how stories connect us to others. This will be done through thoughtful analysis of the theme "coming of age" and examination of how it shows up across different cultures. We will read and analyze multiple novels throughout the course and practice communicating our analysis through argumentative writing. We will also engage in daily discussions of the novels and have the opportunity to write our own short coming of age stories. The course will culminate in an extended written literary analysis of a novel you have selected (from a list approved by the instructors). If you are excited to explore one of the most enduring themes in all of literature, read incredible stores, and make connections to your own life through writing and discussion, then this class is for you!</p>			
<p><b>Power Standard Course:</b> Yes Expanding Knowledge Base</p>			
<p><b>Distribution Requirement:</b> Expanding Knowledge Base</p>		<p><b>Credit(s):</b> 2</p>	
<p><b>Required Experience(s):</b></p>			
<p><b>Traditional Disciplines &amp; Points:</b> English 2</p>			

Memoir: Writing Story	ER80	Morning 2nd 5 Weeks	Sage
<p><b>Instructor(s):</b> Brett Youngerman Mary Loomis</p> <p>In her book, "Becoming," Michelle Obama writes, "Your story is what you have, what you will always have. It is something to own." Stories allow us to transcend differences and preconceptions, and lead us to greater understandings of each other and ourselves. In this class you will spend 5 weeks reading memoirs, and writing your own. By participating in this class, you will strengthen your writing and close reading skills, learn creative writing techniques, and engage in thoughtful class discussions and critiques. This class will help us explore our own identities, connect to the shared human experience, and foster a deeper curiosity for the world in which we live.</p>			
<p><b>Power Standard Course:</b> No</p>			
<p><b>Distribution Requirement:</b> Effective Communication</p>		<p><b>Credit(s):</b> 1</p>	
<p><b>Required Experience(s):</b></p>			
<p><b>Traditional Disciplines &amp; Points:</b> English 1</p>			





Glass Class	ER80	Morning 2nd 5 Weeks	Upper Art Studio
<b>Instructor(s):</b> Cindy Elkins			
<p>Glass arts are so fun, and challenging! We will paint, cut, foil wrap, solder, and explore the diverse abilities of glass as we make original works of art. Learn how to make a stained glass window, fused glass wall art, hot glass beads, and work with mosaic while you develop geometry skills. Develop practical knowledge about how length, area, and volume coincide with making great works of art.</p>			
<b>Power Standard Course:</b> No			
<b>Distribution Requirement:</b> Effective Communication		<b>Credit(s):</b> 1	<b>Credit(s):</b>
<b>Required Experience(s):</b>			
<b>Traditional Disciplines &amp; Points:</b> Visual Art .5 Math: Geometry .5			

Pit and the Pendulum	ER80	Morning 2nd 5 Weeks	Shooting Star
<b>Instructor(s):</b> Stephany Subdiaz			
<p>In Edgar Allen Poe's Story, The Pit and the Pendulum, a prisoner is tied down while a pendulum with a sharp blade slowly descends. If the prisoner does not act, he will be killed by the pendulum. You will find out how much time he has and if he really can survive. To do this you will do physics experiments with pendulums. You will experiment with graphing calculators, and learn the fundamentals of algebra and statistics.</p>			
<b>Power Standard Course:</b>			
<b>Distribution Requirement:</b>		<b>Credit(s):</b>	<b>Credit(s):</b>
<b>Required Experience(s):</b>			
<b>Traditional Disciplines &amp; Points:</b>			

Winter Ecology	ER80	Afternoon 2nd 5 Weeks	Science Lab
<b>Instructor(s):</b> Sara Bengel Chelsea Ehret			
<p>Brrrrrr, WINTER! Humans can go inside to get warm, but what about all the critters outside in the cold? In this class, we will study the ecological relationships that animals and plants both have to winter. We will travel on snowshoes to explore the wintery woods twice each week and investigate the relationships in the mountain ecosystem. In particular, we will study the plants and animals who live there and how they are adapted to life in winter conditions. If you sign up for this class, plan on being outside in cold, wind, and snow! We will be traveling on a variety of trails and terrain in Rocky Mountain National Park and will learn the skills needed to travel safely and efficiently in the backcountry.</p>			
<b>Power Standard Course:</b> No			
<b>Distribution Requirement:</b> Expanding Knowledge Base		<b>Credit(s):</b> 1	<b>Credit(s):</b>
<b>Required Experience(s):</b>			
<b>Traditional Disciplines &amp; Points:</b> Science: Biology .5 Science: Earth .5			





Lifeguarding	ER80	Afternoon 2nd 5 Weeks	HPC
<p><b>Instructor(s):</b> Chris lafrati</p>			
<p>Lifeguarding is one of the most popular part-time jobs for high school students, and a well-paying job that is transferable to any area you live in. If you're ready to take your aquatics skills to a whole new level this is the challenge for you! This class will give you the opportunity to set new goals and work on improving your comfort and skills in the pool. In this class we'll take a look at the role of a lifeguard, the components of a rescue, pool safety, risk management, and rescue skills. We'll also work on our First Aid &amp; CPR skills, looking at different first aid scenarios and situations. Successful completion of the course may lead to certification in First Aid &amp; CPR with the Red Cross, as well as possible Lifeguard certification. We will swim every day, so be ready to be in the pool! This course is open to those with previous swimming experience or those who previously took Learn To Swim!</p>			
<p><b>Power Standard Course:</b> No</p>			
<p><b>Distribution Requirement:</b> Creating Healthy Life Choices</p>		<p><b>Credit(s):</b> 1</p>	
<p><b>Required Experience(s):</b></p>			
<p><b>Traditional Disciplines &amp; Points:</b> Physical Education 1</p>			

Fiberlicious	ER80	Afternoon 2nd 5 Weeks	Chroma
<p><b>Instructor(s):</b> Cindy Elkins Michelle Franco</p>			
<p>Do you enjoy fashion and learning how to make arty clothes? First we will learn how to sew by hand and on a machine and become savvy with fiber art techniques such as batik, tie-dye, and silk painting. Then take a deep dive into up-cycling thrifted clothing with your new fiber art skills. Develop your brand and apply it to your line of clothing and top it all off with a fashion show. Sewing requires measuring, and understanding how to market your work will be the basis for the math portion of the class. Get ready to work hard and enjoy cause' Fiber Arts are Delicious!</p>			
<p><b>Power Standard Course:</b> No</p>			
<p><b>Distribution Requirement:</b> Effective Communication</p>		<p><b>Credit(s):</b> 1</p>	
<p><b>Required Experience(s):</b></p>			
<p><b>Traditional Disciplines &amp; Points:</b> Visual Art .5 Math: Geometry .5</p>			

