

COURSES

ER 72 Summer Classes

AM 1 st 5 weeks	PM 1 st 5 weeks	AM 2 nd 5 weeks	PM 2 nd 5 weeks
RecreArte (A) EGC PS Josán, Cindy	RecreArte (B) EGC PS Josán, Cindy	Poeitic Justice (A) EC PS Dan H, Meg TS	Poeitic Justice (B) EC PS Dan H, Meg TS
Physics of Rollercoasters (A) EKB Alexus, Helen	Physics of Rollercoasters (B) EKB Alexus, Helen	Climate Change (A) EKB PS Becky, Kira, Sara	Climate Change (B) EKB PS Becky, Kira, Sara
Creative Non-Fiction EC Brett	Lifeguarding CHLC Anna	RMNP Internship (A) variety Jon	RMNP Internship (B) variety Jon
Dragon Fly Citizen Science CHLC Jon, Anastacia	Deeper Learning & Equity LFJ PS Sarah, Brett	Psych Rocks (A) CHLC PS Cordell, Jordan	Psych Rocks (B) CHLC PS Cordell, Jordan
Music of Latin American Mvmts EC Kira, Josue	Rethinking Pop Media Culture EGC Eriq	Photosynthesis of Writing EKB Alexus, Maria	Exploring Higher Ed LFJ Eriq, Josue
Raison in the Sun EC Maria	Decolonizing Gender EGC Maria, Joi	Run for your Life CHLC Anna	Go Figure! EC Brett, Helen
		ROOTS Summer Camp (Possible Internship) Jen, Aaron	Human Sexuality Ind. Study (Proposal needed) Jen, Aaron



RecreArte	ER 72	• All Day 1st 5 Weeks	Chroma (lower Art)
Instructor(s): Cindy Elkins Josán Perales			
<p>From the earth, back to earth, the life cycle of all things natural and human-made has repeated itself since the beginning of time. However you look at it, all things return to the earth, although some, like plastics, glass, and metal, take much longer than organic materials to decompose. People have grown dependent on non-consumable products that are killing our environment, and in addition, they are choosing not to recycle. In this class, we will explore the natural and man-made world of materials through the 'recreate' theme - create, recreate, and art. Making use of these raw and recyclable elements as tools for artistic expression, you will create art pieces that expose the trash problem in our world and inform others of solutions to healing our planet. The class will culminate in visiting where Michael Reynold's pioneered the building of Earthships - self-sufficient, sustainable homes, made from dirt and recyclable materials. Here, you will learn about Earthships and contribute your artistic and physical labor to help in the Earthship colony.</p>			
Power Standard Course: Yes Engaged Global Citizen			
Distribution Requirement: Engaged Global Citizen		Credit(s): 2	Credit(s):
Required Experience(s): Service Project and Reflection			
Traditional Disciplines: Visual Art Science: Earth			
Class will be doing service in Taos (possibly Santa Fe) and around the local community.			

Physics of Roller Coasters	ER 72	• All Day 1st 5 Weeks	Science Lab
Instructor(s): Alexis Bell Helen Higgins			
<p>Every second of your life, energy, forces, and physics are at play. In this class, we will focus on the physics of roller coasters- the ups, the downs, the twists and turns! Physics is the study of applied math, so we will be using scientific experimentation alongside mathematical calculations to make our discoveries. You will learn how velocity, acceleration, force and energy have practical applications to your everyday life. In addition, we will utilize mathematical thinking and critical reasoning to design and conduct experiments through the creation of your own roller coasters.</p>			
Power Standard Course: No			
Distribution Requirement: Expanding Knowledge Base		Credit(s): 2	Credit(s):
Required Experience(s):			
Traditional Disciplines: Science: Physics			

Creative Non-Fiction	ER 72	• Morning 1st 5 Weeks	
Instructor(s): Brett Youngerman			
<p>How do great writers tell effective stories from real life? How can you be "creative" while still being true to real life? In this class you will read various forms of non-fiction writing, from journalism, memoir, biographies, and more. You will analyze what makes for effective non fiction writing and learn how to craft your own. We will explore more personal writing through memoirs and poems, and a more public side in literary journalism or "big idea" stories. Come learn how to turn your real life stories into creative pieces of art!</p>			
Power Standard Course: No			
Distribution Requirement: Effective Communication		Credit(s): 1	Credit(s):
Required Experience(s):			
Traditional Disciplines: English			





Dragon Fly Citizen Science ER 72 • Morning 1st 5 Weeks Anemone

Instructor(s): Jon Anderson
Anastacia Galloway

Mercury is a heavy metal and a global pollutant that threatens both humans and animals worldwide. As a citizen scientist you have the exciting opportunity to be involved in a project that stretches from the west coast to the east coast of the United States by investigating the risk and transfer of mercury around food webs. The captivating dragonfly will be the subject of our studies and will have us researching and volunteering in Rocky Mountain National Park. We'll discuss what mercury is, where it comes from, and why National Parks around the country care about this. We'll also become experts on identifying dragonfly larvae (and other bugs or macroinvertebrates) and using sampling protocols we will ensure the data we are collecting is accurate. You will be outside 2-3 mornings a week, touching bugs, hauling gear/equipment, hiking to some locations, getting wet, and working with national park employees and researchers. If you want a real world, hands on, science based class then this opportunity is for you!

Power Standard Course: No

Distribution Requirement: Creating Healthy Life Choices

Credit(s): 1

Credit(s):

Required Experience(s):

Traditional Disciplines: Science: Biology

Music of Latin American Movements ER 72 • Morning 1st 5 Weeks School House

Instructor(s): Josue Quintana
Kira Faller

Dynamic forces are at play in Latin America where there is great pressure for social, economic and political change. Each week in this class, we will explore a different social and/or political movement in Latin America. As we identify and practice Spanish vocabulary, we will learn about the historical, cultural, and musical context that influenced each movement. In addition, we will dig into the background of various Latin American artists and their inspirations and contributions to "the cause". The final project will include choosing a social/political movement of your choice and writing and performing a group piece in both Spanish and English.

Power Standard Course: No

Distribution Requirement: Effective Communication

Credit(s): 1

Credit(s):

Required Experience(s):

Traditional Disciplines: World Lang: Spanish

A Raisin in the Sun ER 72 • Morning 1st 5 Weeks LRC classroom with

Instructor(s): Maria Myers

In this class, you will read the famous play A Raisin in the Sun by Lorraine Hansberry, about black family trying to survive life in South Side Chicago in the 1950s. We will examine the historical context as well as the significance of this play in our present day culture. By doing so we will practice techniques for identifying important aspects of a text and how to effectively use that information to engage in discussion. Aside from reading the play, we will be doing readings, watching videos, and engaging in current events that connect to the themes in the play. You will have the opportunity to demonstrate your learning through a variety of mediums, including writing, discussion, and other creative outlets. Come to this class ready to think deeply and push yourself and society forward!

Power Standard Course: No

Distribution Requirement: Effective Communication

Credit(s): 1

Credit(s):

Required Experience(s):

Traditional Disciplines: English





Lifeguarding **ER 72** • **Afternoon 1st 5 Weeks**

Instructor(s): Anna Magle-Haberek

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 & CPR skills, looking at different first aid scenarios and situations. Successful completion of the course may lead to certification in First Aid & CPR with the Red Cross, as well as possible Lifeguard certification. We will swim every day, so be ready to be in the pool! If you have limited swimming experience, see Anna before enrolling in this course.

Power Standard Course: No

Distribution Requirement: Creating Healthy Life Choices

Credit(s): 1

Credit(s):

Required Experience(s):

Traditional Disciplines: Physical Education Health

Deeper Learning & Equity **ER 72** • **Afternoon 1st 5 Weeks**

Instructor(s): Sarah Bertucci
Brett Youngerman

Our educational system is inequitable, and there are numerous structures and tools that people use to address that fact. In this class, you will learn about those structures, including "No Excuses" schools that are exceptionally strict and teach a traditional curriculum, and "Deeper Learning" where students study topics in depth and often do projects to make a positive change in their communities. As a class, we will plan and facilitate a retreat for educators who want to improve equity in their schools, and members of the class can continue to support those schools through PDC work for the next year. The retreat will take place during the second five weeks of the summer, so you will have responsibilities after the 5 week course ends. The course will be challenging, and you will need to revise your work until it meets real-world standards because you will use your work at the educator retreat and in PDC work. Make a real difference in education and gain amazing real-world skills!

Power Standard Course: Yes Leadership For Justice

Distribution Requirement: Leadership For Justice

Credit(s): 1

Credit(s):

Required Experience(s):

Traditional Disciplines: English History: US

Rethinking Pop Media Culture **ER 72** • **Afternoon 1st 5 Weeks**

Instructor(s): Eriq Acosta

This class will take a provocative dive into popular media and look at the impact on our society. We will look at various visuals and articles that begin with the idea that the "popular" in classrooms and in the everyday lives of teachers and students is fundamentally political. The literature will span from secondary public schools, scholars, activists who examine how and what popular toys, books, films, music, and other media "teach." Students will analyze the meaning and impact of how this idea of "popular" shapes and impacts who we are today and how mass media delivers that message.

Power Standard Course: No

Distribution Requirement: Engaged Global Citizen

Credit(s): 1

Credit(s):

Required Experience(s): None

Traditional Disciplines: History: US Government/Civics





Decolonizing Gender **ER 72** • **Afternoon 1st 5 Weeks**

Instructor(s): Joi Ward
Maria Myers

In this class, you will deeply analyze the role colonization has played in enforcing race and gender norms. As a class, we will define race and gender, learn the history of imperialism, and reflect on our own identities. Through a combination of reading, class discussions and films, you will examine how race and gender are socially constructed and work in oppressive systems, and analyze the effects of colonization in present day. You will leave this course as a better ally to people of color, women, transgender people and gender nonconforming people, prepared to speak up in our community and beyond.

Power Standard Course: No

Distribution Requirement: Engaged Global Citizen

Credit(s): 1

Credit(s):

Required Experience(s):

Traditional Disciplines: History: US Government/Civics

Poetic Justice **ER 72** • **All Day 2nd 5 Weeks** **Schoolhouse or Sage**

Instructor(s): Daniel Hoffman
Meghan Tokunaga-Scanlon

In Poetic Justice, you will read, write, watch, and perform spoken word poetry while exploring your identity, refining your writing and analytical skills, developing performance and public speaking abilities, and building self-confidence. You will travel off campus to watch nationally renowned poets from the Denver youth poetry team and poets from around the US perform in poetry slams and open-mic nights. You will learn how to use storytelling techniques, powerful imagery, figurative language and literary devices to write and perform your own poetry. The end results of this hard work will be a published anthology of poetry and the chance to perform in a Denver open-mic night, poetry slam, or Brave New Voices competition. Be prepared to read carefully, write, rewrite, and give and receive feedback on a daily basis. Also expect to invest a substantial amount of time outside of class reading, writing, and practicing your poetic pieces.

Power Standard Course: Yes Effective Communication

Distribution Requirement: Effective Communication

Credit(s): 2

Credit(s):

Required Experience(s):

Traditional Disciplines: English Performance

Poetry slam and/or competition

Climate Change: The Numbers **ER 72** • **All Day 2nd 5 Weeks** **Science Lab**

Instructor(s): Becky Poore
Kira Faller

Sara Bengé

Most climate scientists agree the main cause of the current global warming trend is human expansion of the "greenhouse effect." This means that our planet is getting hotter and humans are largely to blame. So, based on the data, what do we do? In this class, we will work to answer this very question. We will learn how to analyze and interpret climate change data and develop action plans to help lessen its effects. You will travel around the state visiting and learning from current organizations where expert scientists are working to understand the causes, effects, and responses to climate change. With the evidence you collect, you will turn your learning from global to local by analyzing the impact ERS is having on climate change and identifying action steps to lessen it.

Power Standard Course: Yes Expanding Knowledge Base

Distribution Requirement: Expanding Knowledge Base

Credit(s): 2

Credit(s):

Required Experience(s):

Traditional Disciplines: Math: Statistics Science: Earth





RMNP Internship **ER 72** • All Day 2nd 5 Weeks **Anemone**

Instructor(s): Jon Anderson

Students who are accepted into this program will have the opportunity to do an internship with Rocky Mountain National Park. Once accepted, students can volunteer in a variety of different divisions; from trails, to recycling, to fire fuels reduction, to educating visitors and much much more. We are seeking motivated, self directed, responsible, and hard working students that will volunteer in the National Park this summer for 2 days a week. Not only can this internship turn into a paycheck for the August/September break, but it can open up all kinds of career opportunities in the Park Service.

Power Standard Course: No

Distribution Requirement: Expanding Knowledge Base

Credit(s):

Credit(s):

Required Experience(s):

Traditional Disciplines: Government/Civics Physical Education

Credit will vary by student & assignment.

Psych Rocks! **ER 72** • All Day 2nd 5 Weeks

Instructor(s): Cordell Church
Jordan Cerna

In this class we will look into exploring the perception of challenge, risk and fear through the lens of adventure activity and the importance of being outside your comfort zone. This class is designed to be fun and challenge you mentally, physically, and emotionally in ways you may not have been in the past. Each week, we will also explore technical skills and risk management relating to rock climbing. There is also an opportunity to create and foster a small community during a week long climbing trip to Vedauwoo, Wyoming where we will be exploring challenge, geology and ourselves.

Power Standard Course: Yes Creating Healthy Life Choices

Distribution Requirement: Creating Healthy Life Choices

Credit(s): 2

Credit(s):

Required Experience(s): None

Traditional Disciplines: Physical Education Health Science: Earth

Photosynthesis of Writing **ER 72** • Morning 2nd 5 Weeks

Instructor(s): Alexis Bell
Maria Myers

In this class, you will learn how plants grow and how plants contribute to the well being of the environment. Once this is established, you will learn how the natural world is connected to your everyday life. You will convey your opinions on environmental concerns through research, and you will raise awareness by creating persuasive literature for government officials and the public. Join this class for a unique look into the life of plants and using your informed opinions to affect change!

Power Standard Course: No

Distribution Requirement: Expanding Knowledge Base

Credit(s): 1

Credit(s):

Required Experience(s):

Traditional Disciplines: English Science: Biology





Run for Your Life **ER 72** • **Morning 2nd 5 Weeks**

Instructor(s): Anna Magle-Haberek

Running is one of the most basic human functions. It allows us to cover distance at speed, whether for sport or for fitness or out of necessity. Whether you love to run, hate to run, or have never given it a real chance, this class will help you discover the beauty of movement. In this class you will learn how your body changes and adapts to stress and work, analyze your running form, and learn how to develop a workout plan to help you achieve your goals. We will be running almost every day, rain or shine, on or off trail, with the end goal being that you will run a race. Get out and Run for Your Life!

Power Standard Course: No

Distribution Requirement: Creating Healthy Life Choices

Credit(s): 1

Credit(s):

Required Experience(s): None

Traditional Disciplines: Physical Education Science: Biology

Exploring Higher Ed **ER 72** • **Afternoon 2nd 5 Weeks**

Instructor(s): Eriq Acosta
Josue Quintana

In this class you will examine higher education, its history and current issues from an American perspective as well as the impacts and struggles students of color face while in higher education. We will examine events, rulings, and movements that have shaped the culture of higher education and its evolution. You will also gain a better sense of awareness to navigate the higher education system, and look deeply at implications for your future. Finally, we will look at implications for Eagle Rock and consider ways to improve how we best prepare ERS graduates for higher education opportunities. Join this class to take a critical look at your future!

Power Standard Course: No

Distribution Requirement: Leadership For Justice

Credit(s): 1

Credit(s):

Required Experience(s):

Traditional Disciplines: History: US Government/Civics

Go Figure! **ER 72** • **Afternoon 2nd 5 Weeks** **Lower Art Room**

Instructor(s): Brett Youngerman
Helen Higgins

The human body has been the subject of artistic expression since the earliest known art. In this class, we will build on the immense history of figure drawing by practicing with new mediums and designing a gallery space to showcase work with the community. Drawing the human body requires mathematical reasoning with proportions, ratios, and scaling as well as knowledge of human anatomy. As a class, we will engage with both contemporary and historical drawings to guide our practice in figure drawing. Drawing takes practice, and this class is rich opportunity to draw from life and grow as an artist.

Power Standard Course: No

Distribution Requirement: Effective Communication

Credit(s): 1

Credit(s):

Required Experience(s):

Traditional Disciplines: Visual Art Math: Algebra

