

COURSES

ER 65 Class Schedule – Winter 2015

AM 1 st 5 weeks	PM 1 st 5 weeks	AM 2 nd 5 weeks	PM 2 nd 5 weeks
Spring Awakening (A) EC PS, CHLC Meg, Andrew, Brighid	Spring Awakening (B) EC PS, CHLC Meg, Andrew, Brighid	Fresh Prints EC Dayna, Cindy	Spring Awakening (C) EC PS, CHLC Meg, Andrew, Brighid
RMNP Murals (A) EC PS Cindy, Dayna	RMNP Murals (B) EC PS Cindy, Dayna	Who Made those Nikes? EGC Allison, Diego	Heartivism (B) EGC PS Diego, Allison
Research (A) EKB PS Aaron, Dan H	Learn to Swim CHLC Anna	Research (B) EKB PS Aaron, Dan H	What the Heck Happened? EC Aaron, Dan H
Arabic Out West (A) EC PS Matt, Brighid	Math 4 Life CHLC Molly, Becky	Arabic Out West (B) EC PS Matt, Brighid	Human Sexuality CHLC Beth, Jen
Winter Ecology EKB Jon, Niko	Heartivism (A) EGC PS Diego, Allison	Astronomy EKB Sara	RMNP VIP/Fire EKB Jon, Niko
Hero's Journey LFJ PS John, Courtney	Neuroscience (A) CHLC Sara	Lifeguarding CHLC Anna	Neuroscience (B) CHLC Sara
		Calculating Change EKB Becky	The Pit & the Pendulum EKB Becky
		Interfaith Dialogue LFJ Courtney, John	Kaizen LFJ Jeff, Jesse



Spring Awakening	ER65	• All Day 1st 5 Weeks	School House
Instructor(s): Meghan Tokunaga-Scanlon Andrew Walker Brigid Scanlon			
<p>“LISTEN TO ME!” We all have times when we feel alone, like we’re the only ones who go through tragedy and happiness, but “No matter how dark things may get, you must know that you are not alone, someone has felt it, lived through it and can empathize.” This is the story of the characters in Spring Awakening. In this course, you will develop basic singing and acting concepts through your character’s perspective. This is a rigorous course that will test beginning and advanced students in the development of their performance skills. Those accepted into the show through an audition and call back, will be asked to commit to weekly rehearsals (class), final week dress rehearsals, costuming, make up, set construction, and a final cast dinner and reflection.</p>			
<p>Power Standard Course: Yes Effective Communication</p> <p>Distribution Requirement: Effective Communication</p> <p>Required Experience(s): Aids Awareness</p> <p>Traditional Disciplines: Music Performance Health</p>			
	Credit(s): 2	Creating Healthy Life Choices	Credit(s): 1

RMNP Murals	ER65	• All Day 1st 5 Weeks	Chroma & RMNP
Instructor(s): Cindy Elkins Dayna Safferstein			
<p>As a team we will paint three murals in two different buildings located in the Rocky Mountain National Park. We will study the visual communication power that is unique to mural art as we work alongside RMNP employees to commemorate the 100th anniversary of the Park. Students will study significant historical murals in America, as they design, plan, and paint two sites in the Hotshot dorm, and one in the Science Studies Center. We will use stencils, project images, and make art that honors the work that happens in Rocky and by Park Service employees. This is an opportunity to continue to strengthen the RMNP / ERS bond and explore opportunities in the Park. If you enjoy painting and like working as a team, join this class and develop your leadership as well as your artist skills.</p>			
<p>Power Standard Course: Yes Effective Communication</p> <p>Distribution Requirement: Effective Communication</p> <p>Required Experience(s): Service Project and Reflection</p> <p>Traditional Disciplines: Visual Art History: US English</p>			
	Credit(s): 1	Leadership For Justice	Credit(s): 1

Research	ER65	• Morning 10 Weeks	Kinnikinnik
Instructor(s): Daniel Hoffman Aaron Guggenheim			
<p>In this class, you will investigate and research a topic you are curious about, steadily progressing from a novice to an expert in that particular field. You will choose your topic through a process that balances your interests with the general feasibility of the topic (including resources available, rigor, and depth). You will learn how to find and evaluate both print and digital sources, examining the main arguments, purposes and biases within them. You will pull key ideas and details from the sources in notes that support your emerging research questions and claims. You will learn how to synthesize and represent your growing body of knowledge in an organized way, eventually sharing your new understanding around your topic by developing a thesis statement and writing a traditional research paper. 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, researching, and writing.</p>			
<p>Power Standard Course: Yes Expanding Knowledge Base</p> <p>Distribution Requirement: Expanding Knowledge Base</p> <p>Required Experience(s):</p> <p>Traditional Disciplines: English</p>			
	Credit(s): 2		Credit(s):





Arabic out West: Arab Language and Community in CO	ER65	• Morning 10 Weeks	Cinquefoil
Instructor(s): Brigid Scanlon Matthew Liston			
<p>Arabic is the fifth most popular language in the world. In this class you will begin to learn how to read, write, and speak Arabic so that you can communicate with others in the language. You will learn about specific parts of Arab culture by studying Arab music, art, literature, religions, and food. We will focus specifically on learning about and getting to know Arabs in Colorado by talking to members of Arab communities in the state. We will also talk to and learn about people or organizations that work with and support Arab communities in Colorado. As a final project you will identify an issue or need among Colorado's Arab community and create a service project that addresses the issue or need. If you are excited to challenge yourself by learning one of the hardest languages in the world and you are interested in exploring Arab culture, then this class is for you!</p>			
Power Standard Course: Yes Engaged Global Citizen			
Distribution Requirement: Engaged Global Citizen	Credit(s): 2	Credit(s):	
Required Experience(s):			
Traditional Disciplines: Government/Civics World Language: Other			

Winter Ecology	ER65	• Morning 1st 5 Weeks	Anenome
Instructor(s): Jon Anderson			
<p>In this class, we will study the ecological relationships that animals and plants both have to winter. We will telemark ski twice each week to investigate these relationships as well as 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, you should plan on being outside, in cold, windy, winter conditions, two times each week. We will be skiing on a variety of trails and terrain in Rocky Mountain National Park.</p>			
Power Standard Course: No			
Distribution Requirement: Expanding Knowledge Base	Credit(s): 1	Credit(s):	
Required Experience(s):			
Traditional Disciplines: Science: Biology Physical Education			

Hero's Journey	ER65	• Morning 1st 5 Weeks	Sage
Instructor(s): John Guffey Courtney Lancaster			
<p>"I think the person who takes a job in order to live, that is to say for the money has turned him/herself into a slave." Joseph Campbell This class begins with a story, not of enslavement, but of freedom and fulfillment. On this foundation you, the student, will be able to construct your own path of discovery, experience and empowerment leading to career choices and a future filled with freedom and happiness. From stories of heroes and heroines, as told in literature and movies, you will come to grips with your own heroic journey. The insights of Joseph Campbell, presented in narrative form will serve as a guide to your call to action, decision making and leadership. The Hero's Journey will focus on historical and contemporary leadership approaches, group dynamics, communication styles, and models of service, leading finally to the facilitation of an activity for 8th grade boys based on the theme of "Finding Your Focus in Life." This leadership experience and presentation will take place during the 8th Grade Career Day held at the YMCA of the Rockies on February 12, 2015.</p>			
Power Standard Course: Yes Leadership For Justice			
Distribution Requirement: Leadership For Justice	Credit(s): 1	Credit(s):	
Required Experience(s): Public Service Presentation			
Traditional Disciplines: English Government/Civics			





Learn to Swim	ER65	• Afternoon 1st 5 Weeks	HPC
Instructor(s): Anna Magle-Haberek			
<p>Do you want to learn how to swim but don't know where to start? Or do you feel comfortable in the water, but don't know how to use the pool to get a workout? Whether you are a beginner, intermediate, or expert, if you want to increase your swimming abilities and fitness this class is for you! We will be in the pool every day learning to swim and getting fit, as well as learning about swimming, fitness, and nutrition. Join me in the HPC and learn to swim!</p>			
Power Standard Course: No			
Distribution Requirement: Creating Healthy Life Choices		Credit(s): 1	Credit(s):
Required Experience(s):			
Traditional Disciplines: Physical Education			

Math 4 Life	ER65	• Afternoon 1st 5 Weeks	Shooting Star
Instructor(s): Becky Poore Molly Milota			
<p>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 to successfully and responsibly plan for that life. Topics covered will include: how to save money, manage bank accounts, create a budget, find an apartment, search for a job, 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. In order to earn LifeSkills Portfolio required experience, students must complete LifeSkills simulation over entire trimester ER 65, in and outside of class.</p>			
Power Standard Course: No			
Distribution Requirement: Creating Healthy Life Choices		Credit(s): 1	Credit(s):
Required Experience(s): Life Skills Portfolio			
Traditional Disciplines: Economics			
<p>Successful completion of the simulation is required to earn LifeSkills Portfolio required experience. Simulation will begin during class and be completed in and outside of class, including 2nd 5 weeks and POL week.</p>			

Heartivism	ER65	• Afternoon 10 Weeks	Yarrow
Instructor(s): Diego Duran-Medina Allison McManis			
<p>What do you believe in? What does culture have to do with it? What values should we have as a school and as a society? How do we change what we value? Given that before we stand up for something, we must understand where we stand, this course will help you examine ways of communicating messages that change the world. Together, we will explore examples of how others have created messages through developing a voice. At the same time we look to history and society, we will also explore what it means to be an activist at Eagle Rock. Finally, you will choose a topic that you are passionate about and learn how to create powerful podcasts. We will work on three levels in this class: who you are and what you bring to Eagle Rock, the culture of Eagle Rock as an example of our society, and what you want to change in the world once you leave. This class will be based largely on what YOU care about, so bring your voice, ideas and passion.</p>			
Power Standard Course: Yes Engaged Global Citizen			
Distribution Requirement: Engaged Global Citizen		Credit(s): 2	Credit(s):
Required Experience(s):			
Traditional Disciplines: Government/Civics History: World			





Neuroscience		ER65	• Afternoon 10 Weeks	Science Lab
Instructor(s):	Sara Bengé			
<p>In this course, we will be exploring the inner workings of the human brain. After studying brain anatomy and physiology, we will learn about how the brain responds to and is affected by specific substances including, alcohol, marijuana, prescription pills, and other commonly used drugs. We will then explore how 'natural highs' – exercise, meditation, food, sex, music, adventure – can be healthy alternatives that stimulate specific, desired responses in the brain.</p>				
Power Standard Course:	No			
Distribution Requirement:	Creating Healthy Life Choices	Credit(s):	2	
Required Experience(s):				
Traditional Disciplines:	Science: Biology Science: Chemistry			

Fresh Prints		ER65	• Morning 2nd 5 Weeks	Chroma & Ceramics
Instructor(s):	Cindy Elkins Dayna Safferstein			
<p>In this course we will explore the possibilities that exist in printmaking. We will focus on silk screen printing and print our own designs on wearable or collectible objects. We will learn some of the history of printmaking and about current modern printmakers who are working today. In this course, you will discover the power of print to share a message, spread the word, and explore your own creativity.</p>				
Power Standard Course:	No			
Distribution Requirement:	Effective Communication	Credit(s):	1	
Required Experience(s):				
Traditional Disciplines:	Visual Art History: World			

Who Made Those Nikes?		ER65	• Morning 2nd 5 Weeks	Yarrow
Instructor(s):	Diego Duran-Medina Allison McManis			
<p>In a world where technology is connecting us across time and space, how is it that we are more and more disconnected from where our things come from and the people who make them? In this class you will trace some of the items we consume every day--coffee, shoes, flowers, gasoline-- from cradle to grave. Who made those Nikes? What conditions do they work in? Why does it matter? What roles do power and inequality play in global capitalism and what does this mean for our environment, our global community and YOU?</p>				
Power Standard Course:	No			
Distribution Requirement:	Engaged Global Citizen	Credit(s):	1	
Required Experience(s):				
Traditional Disciplines:	Geography Government/Civics Economics			





Astronomy	ER65	• Morning 2nd 5 Weeks	Science Lab
Instructor(s): Sara Bengte			
<p>Do you ever look up into the night sky and wonder what's up there? In this class, we will explore the features and origins of some of the most amazing occupants of the universe: galaxies, stars, moons, planets, black holes, comets and asteroids. We will learn about the theory of gravity and how it affects objects in space. We will also take night sky walks and learn how to identify prominent constellations using the naked eye. The class will culminate in an independent research project to dig deeper into a specific space phenomenon of your choice.</p>			
Power Standard Course: No			
Distribution Requirement: Expanding Knowledge Base		Credit(s): 1	Credit(s):
Required Experience(s):			
Traditional Disciplines: Science: Earth			

Lifeguarding	ER65	• Morning 2nd 5 Weeks	
Instructor(s): Anna Magle-Haberek			
<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 & 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! This course is open to those with previous swimming experience or those enrolled in Learn To Swim!</p>			
Power Standard Course: No			
Distribution Requirement: Creating Healthy Life Choices		Credit(s): 1	Credit(s):
Required Experience(s):			
Traditional Disciplines: Physical Education			

Calculating Change	ER65	• Morning 2nd 5 Weeks	Shooting Star
Instructor(s): Becky Poore			
<p>Have you ever wondered what Calculus is, or how it is used outside of a math classroom? This class will explore the main concepts of calculus in relation to key ideas in physics. We will look at how gravity and other forces affect flying and falling objects such as rockets, skydivers, catapults, and superman. We will look at how to find the volume of odd shapes such as soda bottles, stream beds, or a coffee pot. For a final project, you will create both a physical and a mathematical representation of a physics concept.</p>			
Power Standard Course: No			
Distribution Requirement: Expanding Knowledge Base		Credit(s): 1	Credit(s):
Required Experience(s):			
Traditional Disciplines: Math: Pre-Calculus			





Interfaith Dialogue	ER65	• Morning 2nd 5 Weeks	Sage
Instructor(s): John Guffey Courtney Lancaster			
Interfaith dialogue is the act of intentionally bringing together members of different faith traditions for the purpose of achieving mutual understanding across different beliefs and values. In this class, students will research student selected faith traditions, discuss issues from diverse faith perspectives, and engage in service experiences in order to understand if interfaith dialogue is an effective way to achieve social change.			
*This is an academic course and is not intended to affirm or discredit anyone's beliefs.			
Power Standard Course: No			
Distribution Requirement: Leadership For Justice		Credit(s): 1	Credit(s):
Required Experience(s):			
Traditional Disciplines: Government/Civics History: US			

What The Heck Happened?	ER65	• Afternoon 2nd 5 Weeks	
Instructor(s): Daniel Hoffman Aaron Guggenheim			
You will choose a popular dystopian text, a seemingly perfect futuristic society that is deeply flawed underneath the surface, that has entered the mainstream of American consciousness (The Hunger Games or Divergent, for example) to see how it can provide an insight into exploring and developing an opinion on an issue that impacts our everyday lives. To do this work, we will facilitate debates, writing activities and literature circles geared toward finding exactly where you stand on your issue and why. In addition, you will be exposed to issues your classmates will be exploring. This course will culminate through the writing of dystopian work of fiction that helps readers better understand the prospective consequences of an issue that the you choose.			
Power Standard Course: No			
Distribution Requirement: Expanding Knowledge Base		Credit(s): 1	Credit(s):
Required Experience(s):			
Traditional Disciplines: English			

Human Sexuality	ER65	• Afternoon 2nd 5 Weeks	
Instructor(s): Jen Frickey Beth Ellis			
We'll explore sex and sexual health from many different perspectives, but this won't be your typical sex-ed class. We'll create a safe space to explore controversial topics through different media - newspaper, magazine, websites, documentaries, film, fiction and non-fiction and improve our reading, writing, and thinking skills in the process. This class offers a healthy life choices distribution credit and AIDS awareness credit.			
Power Standard Course: No			
Distribution Requirement: Creating Healthy Life Choices		Credit(s): 1	Credit(s):
Required Experience(s): Aids Awareness			
Traditional Disciplines: Health			





RMNP VIP / Fire **ER65** • **Afternoon 2nd 5 Weeks** **Anenome**

Instructor(s): Jon Anderson

As a student in this program you will be introduced to Rocky Mountain National Park (RMNP) as well as the National Park Service (NPS). You will have the opportunity to visit the park, shadow and interview RMNP employees, and explore what opportunities the park service has to offer you. You will also start a federal resume and receive relevant safety trainings.

Students in the VIP class will be volunteering in the park 2 days a week in a position that fits their strengths and interests. You'll be wearing a volunteer uniform, working with RMNP volunteers and park employees, and interacting with tourists from all over the world.

Students in the Fire! class will work with and learn from the Alpine Hotshots and cover a number of fire fighting topics such as history of fire in the United States. fire tragedies. fire management. weather and it's impact on fires. You'll also be involved in a physical

Power Standard Course: No

Distribution Requirement: Expanding Knowledge Base

Credit(s): 1

Credit(s):

Required Experience(s):

Traditional Disciplines: Physical Education Government/Civics

The Pit & The Pendulum **ER65** • **Afternoon 2nd 5 Weeks**

Instructor(s): Becky Poore

This is an introductory statistics course. Originally based on a mystery presented in Edgar Allan Poe's "The Pit and the Pendulum" essay, we will model bungee jumpers with eggs and rubber bands. How high up can you drop the egg, without it hitting ground? Are you confident enough of your answer to lie underneath when the egg is dropped? You will then go on to solve a mystery of your own choosing. You will get a lot of hands-on experience with data collection and analysis, then you will put all of this experience to use when you design, run, analyze, and present your own project.

Power Standard Course: No

Distribution Requirement: Expanding Knowledge Base

Credit(s): 1

Credit(s):

Required Experience(s):

Traditional Disciplines: Math: Statistics

Kaizen: Ethics, Integrity, Leadership **ER65** • **Afternoon 2nd 5 Weeks** **Dojo & Sage**

Instructor(s): Jeff Liddle
Jesse Beightol

True leadership works best when how you lead is who you are. In this course we will explore the connection between mind, body, and spirit through reading, writing, giving and receiving feedback, and doing physical practices that include physical training, martial arts, and meditation. You will have the opportunity to explore deep personal growth that will open up new possibilities for you. You will work very hard and have the opportunity to surpass your limitations. We will be reading, writing, and working with your moral and ethical code. It is helpful (but not required) if you are in a leadership role so you can practice what you learn. For example, if you are a house leader, KP leader, or have some other leadership role in the community you will be in a better position to apply these lessons. There will be a lot of team work in this class. Material from this class may fit well into your leadership for justice power standard portfolio.

Power Standard Course: No

Distribution Requirement: Leadership For Justice

Credit(s): 1

Credit(s):

Required Experience(s): Personal Growth: Mid-Career Portfolio

Traditional Disciplines: English Physical Education

The LFJ power standard is not offered in this class but you will generate material that will be of use in that portfolio.





ER 65 Wilderness	ER65	• All Day 1st 5 Weeks	Various
Instructor(s): Jesse Beightol Matt Bynum	John Hilbrich		
<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 & 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>			
Power Standard Course: No			
Distribution Requirement: Creating Healthy Life Choices	Credit(s): 1 Engaged Global Citizen		Credit(s): 1
Required Experience(s): New Student Wilderness Experience		Wilderness POL	
Traditional Disciplines: Physical Education English			

