Lawrence Academy

WINTERIM 2015

pick your passion

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Introduction

Winterim is the centerpiece of Lawrence Academy’s commitment to experiential education—learning in the concrete and physical world of activity as a complement to learning in the vicarious and symbol-filled world of traditional classrooms. It brings something different to our campus. It is an opportunity to explore a wider range of subjects and skills than is otherwise possible in a regular classroom, through risk-taking, discovery, inquiry, and reflection. It is a chance to learn in a variety of settings and from a variety of professionals. It encourages deeper, more intense faculty-student relationships as we redefine our roles as student and teacher in side-by-side endeavors. In short, Winterim reminds us that learning is not restricted to classrooms and that learning is a lifelong adventure and a joy.

Course Selection
On page 3, you will find the Course Sign-Up Form. Parents should take an early and active role in helping their children select courses which would be most stimulating and beneficial for them. Please note that some course descriptions include advisories with important information about health and skill requirements, as well as information about early departures and late returns. Since it is not possible for each student to get his or her first choice, students should consider their second, third, fourth, and fifth choices very carefully, as chance may easily put them in these courses.

Note: Students may not enroll in the same course twice during their time at Lawrence Academy.

Senior and junior selections are due by 3:00 p.m., Wednesday, December 3, 2014.

Sophomore and freshman selections are due by 3:00 p.m., Tuesday, December 9, 2014.

The later sign-up for sophomores and freshmen is designed to allow those students to see what courses remain open after senior and junior selections have taken place. Students who might not see their families prior to these dates can secure the necessary parent permission in two ways:

1. Having their families sign permission for a number of courses (more than five) over Thanksgiving vacation.

2. Having their families phone or fax permission to the school in care of Tony Hawgood, Winterim director.

Credit
Winterim is a graduation requirement and must be passed. If a student does not earn credit for a Winterim course, he or she will be required to make up the missing requirement during the following summer. To make up this obligation, students may either enroll in a two-week (or longer) Outward Bound course (or similar, approved program) or perform 50 hours of community service. In the event that a student selects the latter, the community service site coordinator must contact the Winterim director before approval will be granted.

Students should understand that all school rules, including the prohibition of alcohol and illegal drugs, remain in force during Winterim (both on and off campus). Violations will result in disciplinary action and could result in the loss of Winterim credit.

Absences
Winterim runs from Monday, March 3, until 3:00 p.m. on Friday, March 14. Given the short, intensive nature of the program, absences are not permitted. Any absences may result in loss of Winterim credit and will require summer make-up. Legitimate illnesses and emergencies will be dealt with on an individual basis, but the time will quickly come when too much of the course has been missed. In the spirit of course completion and group experience, early departures for vacation will result in automatic loss of credit.

Financial Aid
There are two sources of financial aid. The first is a fund established by the Saltonstall family in memory of their daughter Claire, class of 1976. The second is money raised in the annual Gagné Winterim Classic Golf Tournament. Although seniority is taken into consideration when evaluating financial aid requests, anyone in any class may apply for a modest grant.

In addition, seniors on financial aid may apply for Winterim aid through a special fund. The deadline for applications for financial aid is Friday, November 14, 2014.

To apply for assistance, juniors, sophomores, and freshmen must submit a letter to the Winterim director that outlines which courses they are selecting and how they feel they will benefit from taking these particular courses. Seniors need only inform the Winterim director in writing that they are interested in an award without providing a rationale. Preference is given to those seniors who have not yet been on a travel course, have received no Winterim scholarship aid in the past, and are already receiving financial aid from Lawrence Academy.

Financial Risk and Insurance
Once a student is placed in a course, the school begins to make financial commitments based on the expectation of the student’s participation in that course. For this reason, the family is responsible for the cost of that course even if the student must drop the course, regardless of the reason. Additionally, if their child needs to enroll in another course, the family is also obligated to pay the cost of the new course.

The risk of travel cancellations has increased greatly with the rising global threat of violence and pandemics. For this reason, all students in travel courses will be required to purchase travel insurance through a group policy offered by the school. School decisions about whether to cancel travel courses will be guided by the prudent monitoring of developing circumstances in individual locales and by State Department advisories.

The Off-Campus Program
The on-campus Winterim program runs in the spirit of the off-campus program. Therefore, all boarding students are required to participate in evening activities that are designed to be enjoyable and to bring the residential community together. After dinner, Mondays through Thursdays, students either choose an activity from a few different options or participate in an activity for everyone. To help defray the cost of these activities, all boarders in on-campus courses will be assessed a $120 activity fee for the two weeks. Day students are welcome and encouraged to attend any of these activities by signing up for them in advance. They will be charged a fee on a per-activity basis.
Course Sign-Up Form

Student Name: ________________________________________________________________

Grade: 9th 10th 11th 12th (Please circle one.)

Fill out both sides of this form completely and submit it to the director of Winterim by the deadline.

Senior and junior forms are due at 3:00 p.m., Wednesday, December 3, 2014.
Sophomore and freshman forms are due at 3:00 p.m., Tuesday, December 9, 2014.

Parents and guardians should take an active role in Winterim course selection. Final decisions about travel courses will be guided by developing circumstances and by State Department travel advisories. Please note that some course descriptions include advisories with important information about health and skill requirements, as well as early departures and late returns.

I hereby permit _____________________________________________________________ to take the following Winterim courses:

1. ____________________________________________________________ $

2. ____________________________________________________________ $

3. ____________________________________________________________ $

4. ____________________________________________________________ $

5. ____________________________________________________________ $

In signing this permission, I/we assume the risk that, if my/our child must drop the course after being placed in it, I/we will remain responsible for the cost of the course. (See section on Financial Risk in the Introduction.) Deposits for off-campus programs will be billed as soon as course placement is confirmed.

__________________________
Parent/Guardian Signature

Please complete the liability waiver on the back of this form. ➤
Liability Waiver Form

for Participation in the Lawrence Academy Winterim Program

The parties to this release are _____________________________________________________________ (student),
_____________________________________________________________________________________________,
(student’s parents or legal guardian if student is under 18, all referred to hereafter jointly and severally as “student”), and Lawrence Academy. The student, with the consent of the student’s parents or legal guardian, has chosen to participate in the Winterim program (hereafter “program”) during the month of March 2015.

Assumption of Risk
I understand and accept that participation in the program may expose participants to increased physical risks. Some of the risks which may be present or occur include, but are not limited to, those associated with the following activities (some of which may be associated only with certain trips): travel—by plane, automobile, boat, bicycle, horse, or on foot—snorkeling, SCUBA diving, and swimming; the forces of nature (including, but not limited to, lightning, major storms, and strong sun); the physical exertion associated with outdoor activity and/or a rigorous exercise program; injuries inflicted by animals, insects, reptiles, or plants; unfamiliar or different food, drink, customs, laws, driving practices, diseases, and health care; and the hazards of traveling in steep terrain, including falling.

Adherence to Standards
Student understands and agrees to abide by all policies, rules, and regulations of Lawrence Academy and all rules, regulations, and laws of the respective countries to be visited. Student further agrees to obey all rules, directions, and precautions issued by Lawrence Academy or its representatives; by any associated individuals, institutions, or organizations; or by the United States Government.

Release of Liability
In consideration of participation in this program, I have and do hereby release and hold harmless Lawrence Academy and all its employees, trustees, faculty, representatives, and agents (hereafter, “released parties”) from any and all liability, actions, causes of action, claims, or demands of every kind and nature whatsoever and specifically any claim for negligence or negligent acts which may arise out of, or in connection with, the student’s involvement in the Winterim program. Student further releases and discharges the released parties from responsibility for any accident, illness, injury, or any other consequences arising or resulting directly or indirectly from student’s participation in the program. The student recognizes and agrees that the released parties assume no responsibility for any liability, damage, or injury that may be caused by student’s negligence or willful acts committed prior to, during, or after participation in the program, or for any liability, damage, or injury caused by the intentional or negligent acts or omissions of any other participant in the program, or caused by any other person. The terms hereof shall serve as a release, indemnification, and assumption of risk for the student’s heirs, executors, representatives, attorneys, and administrators, and for all members of the student’s family, including any minors. I agree that the foregoing obligation shall be binding.

Substantive Law
This release shall be construed and enforced in accordance with the substantive law of the Commonwealth of Massachusetts, without regard for its conflict of law rules.

I have carefully read this agreement and fully understand its contents. I am aware that this is a release of liability and a contract between me and Lawrence Academy and/or the affiliated organizations and sign it of my own free will.

______________________________    ______________    ________________________________________________
Student Name                  Date                   Student Signature

______________________________    ______________    ________________________________________________
Parent/Guardian Name           Date                   Parent/Guardian Signature

______________________________    ______________    ________________________________________________
Parent/Guardian Name           Date                   Parent/Guardian Signature

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“The evils which we suffer in education—in the whole separation of knowledge and practice—all testify to the necessity of seeing mind-body as an integral whole.”

John Dewey
20th-century American educator
Adventures in Sailing

Ms. Lawler and Mr. Dawson
Maximum students: 12
Cost: $3,000

Advisory: All students must be able to swim! Although we make daily excursions on the islands, we will be staying in tight quarters on a ship, so students must be comfortable with life on the sea.

A valid passport for U.S. citizens and additional travel documents for international students are required. International students: please note that you may need to obtain visas from four countries. Obtaining all four visas will take at least four weeks.

The purchase of group travel insurance through the school is mandatory.

What will I do in this course?
Do you yearn for adventure on the open seas? Are you drawn to the ocean and marine life? If so, come sail the Caribbean! This hands-on course will provide you with experience sailing and exploring the wonders of the ocean. After flying to St. Martin, you will experience the joys and challenges of nautical life while sailing to St. Barths, St. Kitts, and St. Eustatia. While on the ship, we will live with our skipper and a sailing instructor as we cruise throughout the Caribbean islands. Come on board!

What will I learn in this course?
You will learn about the basics of sailing in both small and large boats, navigation, and marine ecology. There will be a different focus each day. The lessons include: physical properties of the ocean, sailing theory, navigation, helmsmanship, Caribbean colonial history, marine conservation, and tropical reef ecology. While on the islands, you will learn about the culture and the physical properties of the islands on hikes, and you will perform community service on one of the islands as well. You will maintain a daily log and journal reflecting on your experiences as well as the daily lessons learned.

Who will lead the course?
This course is organized through Broadreach, an adventure learning organization that runs trips and study abroad opportunities for students around the world. Broadreach has been organizing successful trips for over nineteen years, serving more than 12,000 students in thirty-five different countries. The boat will also have a qualified skipper and sailing instructor with local knowledge and experience working with Broadreach. Ms. Lawler and Mr. Dawson are both avid travelers and lovers of the ocean who love sailing.

Amazon Prime: Tropical Science Unplugged

Ms. Ruby and Mr. Engstrom
Maximum students: 12
Cost: $3,000

Advisory: This course will involve plenty of time outdoors in the tropical rainforest. Our accommodations at the field station will be rustic. We will be traveling in boats on the Amazon and tributaries. Vaccinations for travel may be necessary. A valid U.S. passport for U.S. citizens and additional travel documents for international students are required. The purchase of group travel insurance through the school is mandatory.

What will I do in this course?
This is your opportunity to unplug and immerse yourself in the science of the Amazon rainforest. You will find yourself in the heart of the Amazon observing, identifying, and conducting research on Amazonian wildlife such as fish and frogs, butterflies, birds, monkeys, and more. From one of the world’s most isolated cities, Iquitos, Peru, we will travel down the Amazon to our field station, looking for the famous and elusive pink river dolphins along the way. We will meet villagers of the Amazon, learn of medicinal plants and techniques, and see how humans are currently affecting this unique habitat. You will conduct independent field research projects on a variety of rainforest life such as butterflies, beetles, and bats. In addition to your scientific work, each day will offer opportunities for photography, writing, reflection, and some recreation, such as swimming and hiking. The Amazon is not only found in the pages of National Geographic and in the shows of Discovery Channel; this is your chance to do something unique and learn tropical ecology of the Amazon. The amazing photos, memories, and appreciation for the Amazon will last a lifetime.

What will I learn in this course?
You will become a tropical field scientist for Winterim! You will learn how to identify and scientifically observe a multitude of tropical organisms. While working alongside Peruvian biologists, you will learn, firsthand, many techniques of field ecology such as bird banding, mist netting for bats, and marking and recapturing insects. You will set up research projects that yield scientifically valid results that help others better understand rainforest ecology. You will learn from villagers some of the tips and techniques of rainforest medicine. Evening lectures from our leaders and other Peruvian scientists studying at the field station allow you access to current science and discoveries. While living in the elements of the rainforest, our group will develop strong bonds with one another and nature.

Who will lead the course?
Michelle Ruby is an environmental science teacher with a background in ecology. She conducted her undergraduate thesis research on stream macroinvertebrates and their interactions.
with forest plants. More recently, she has been working on a research project on invasive plant removal with the Groton Conservation Trust.

Steve Engstrom is a biology and chemistry teacher with a background in marine biology and ecology. He has his Master’s in biological oceanography with years of experience living, studying, and traveling abroad. Most recently, his proficiency in Spanish and tropical ecology helped Steve lead a successful trip with high school students and their families to the Galapagos Islands in 2012.

Dr. Devon Graham is the president and scientific director of the nonprofit Project Amazonas and its partner company Margarita Tours. He earned a BS in zoology at Andrews University in Michigan, a Master’s in biology at Walla Walla College, and a Ph.D. in biology at the University of Miami. He has taught field courses about the Amazon and the Everglades in the Honors College at Florida International University.

**ARC Volunteers**

**Dr. Haman and Ms. Sheff**

**Maximum students: 12**

**Cost: $0–$100 (depending on the need to rent a van)**

**What will I do in this course?**

Are you an outgoing person who enjoys getting to know different people? Is helping others something that you really like to do? During this course, you will spend each day volunteering at ARC Community Services, a center in Fitchburg, Mass., which provides employment and daily activities for adults with mental and physical handicaps. You will help out by participating in a variety of activities with the individuals who attend the day programs there. The daily schedule will include taking part in craft projects and games, helping with educational training, assisting ARC staff with activities, and accompanying ARC participants as they go out into the community for recreation.

**What will I learn in this course?**

The goal of this course is to give you an opportunity to help others while they enrich their own lives by getting to know people who are different from themselves. As a participant in this course, you will interact with ARC clients on an everyday basis and learn about the challenges that individuals with special needs face in their daily lives.

In this Winterim course, you will need to be actively and willingly involved in all activities. You should be friendly, outgoing, patient, and ready to extend yourself to join in activities and establish relationships with the people who attend the ARC’s programs. You will also maintain a daily journal of reflections about your experiences and will be expected to join actively in group discussion. You will submit a final essay based on personal reactions to the two-week experience.

**Who will lead the course?**

Lawrence Academy faculty members Jamyn Sheff and Mark Haman will lead the course. Ms. Sheff has worked with student volunteers at the ARC for more than twelve Winterim experiences, and Dr. Haman has led four Winterim programs at the ARC as well as one at another similar day center. They will both be present and involved in all aspects of orientation, training, and volunteering. Staff members at the ARC will also work with Lawrence Academy students.

**Be Jeweled: The Fine Art of Jewelry Design**

**Ms. Steward and Ms. Poulin**

**Maximum Students: 12**

**Cost: $800**

**What will I do in this course?**

Jewels have always been part of the human culture. Even from the times when humans first started using clothes and tools some 100,000 years ago, jewelry was produced from any materials that were available—stones, animal skins, feathers, plants, bones, shells, wood, and semi-precious materials. As time went on, advancing technology enabled artisans to take these metals, stones, and gems and turn them into works of art that influenced entire cultures and many modern jewelry styles we wear today.

This Winterim is all about you! It is about expressing your individual taste and style and making a statement. The process of creating custom designs will be as exciting as your beautiful finished products. You will begin each day by finding your inspiration through a variety of sources. The focus will be on absorbing details and really seeing the world through a common lasting craft. You may begin to find a central theme that runs throughout your ideas. Is it more delicate or bold, nature inspired or abstract? Maybe it will be a favorite color woven together in a unique design. The possibilities are endless and up to you, the creator. In this intensive hands-on Winterim experience, you will create a multitude of beautiful and unique pieces of jewelry, ranging from pendants and necklaces to bracelets and earrings, using a variety of techniques including beading, silver-smithing, stone-setting, and wire-wrapping among others.

**What will I learn in this course?**

You will learn the skills of an artisan jewelry maker. You will turn your inspirations into designs by experiencing the creative process. You’ll learn drafting, shading, and design theory, how to illustrate, shape, and form using several mediums, and more. You will become adept at using the tools of the trade. You will learn how to effectively collaborate, critique, and reflect, and you will leave with a portfolio of dazzling pieces sure to impress. You will beam with pride when people ask where you got your jewelry and you’ll say: “I made it myself!”

Winterim 2014
Who will lead the course?
Michael Denault, owner and head artist at Denault Studios in Maynard, Mass., where we will travel each day, will lead this Winterim. Mr. Denault has a BA in art from Roger Williams University and opened his studio in 2005. He works primarily in glass and metals and makes a wide range of items, including jewelry, dishes, and home décor. Visiting artists with specific expertise in many forms of jewelry design will also be available to instruct the students. Assisting will be Holly Steward, school counselor, and Kimberly Poulin, director of academic support, who are both veterans of numerous Winterims and admirers of fine jewelry.

Can You Dig It?
Archaeology in Italy

Mr. Mucha, Mr. Bates
Maximum students: 12
Cost: $3,000

Advisory: Please be advised that this Winterim involves physical labor, as the students will be digging with shovels, lifting rocks, etc. Come prepared to work. A valid passport for U.S. citizens and additional travel documents for international students are required. The purchase of group travel insurance through the school is mandatory.

What will I do in this course?
You will work on an archaeological excavation at Tolfaccia near the Italian town of Allumiere, approximately 60 miles northwest of Rome. Lawrence Academy has formed a partnership with Gruppi Archeologici d’Italia to fully excavate this site through the Winterim program. You will excavate for seven days at the beautiful site of a medieval town destroyed in the 14th century in order to discover its archaeological record. Over the last three days, the group will travel to different archaeological sites, including the Etruscan town of Tarquinia, as well as to Rome to experience the Eternal City; we will see the Roman Forum, the Coliseum, and other archaeologically significant sites.

What will I learn in this course?
You will learn the skills of an archaeologist: excavating, stratigraphy analysis, mapping, and cataloguing. You will use the tools of the trade, including trowels, brushes, shovels, and sifters. You will learn to identify and catalogue artifacts from a medieval Italian site. By examining archaeological records at Tolfaccia, you will also learn about both the Etruscan and Roman sites in the area. You will also visit a local museum in order to learn how the site of Tolfaccia contributes to the understanding of the history of the region on a larger scale.

Who will lead the course?
Mark Mucha and Zack Bates will be leading this Winterim. Mark Mucha, LA’s Latin teacher, majored in archaeology at Skidmore College, has worked on excavations in Israel and Greece, and has extensive travel experience in Italy. This is his third time leading this Winterim in Italy. Zack Bates, a member of the Math Department, majored in economics with a minor in mathematics at Bridgewater State University and is excited to go on his first Winterim travel program.

Canoeing the Rio Grande River

Mr. Veit and Mr. Scott Johnson
Maximum students: 12
Cost: $2,450–$2,900 (depending on enrollment)

Advisory: Although no previous canoeing experience is necessary, students should have basic swimming skills.

What will I do in this course?
The Rio Grande in West Texas is truly spectacular. This National Wild and Scenic River winds its way through some of the most beautiful canyonlands on the continent. On this trip you will spend nine days paddling through the lower canyons of the Rio Grande, one of the most highly regarded canoe trips in America. It is challenging and exciting, but entirely suitable for beginning paddlers. We plan to spend our last day in the markets of Eagle Pass, Mexico.

As we proceed down the river, passing through dramatic 1,800-foot canyons, we will progress from easy ripples to more challenging rapids. Each day will include instruction in canoeing techniques. Emphasis will be placed not just on making it safely through each set of rapids, but learning how to “read” the water and to “play” the unique waves and chutes of each. At the end of every day on the river we will set up camp and then go for a swim, explore one of the myriad side canyons in search of wildlife, or soak in a natural hot spring. There will be time to explore nature, observe wildlife, and learn about the ecology of this amazing semi-desert environment. You will help prepare delicious meals over an open campfire and share in daily camp chores.

What will I learn in this course?
We will be living, working, and learning together in a group. You will learn canoeing skills, low impact camping, cooking, desert ecology, and river safety.

Who will lead the course?
We will have two incredible river guides, Mike and Shauna Patterson. Both are Registered Maine Guides and certified first aiders. The Pattersons have guided us on five previous Rio Grande Winterims. From Lawrence Academy, Michael Veit and Scott Johnson have led this Winterim several times; both are avid water sports enthusiasts and experienced Outdoors Program leaders.
Chess

Mr. Curran and Mr. Zukauskas
Maximum students: 16
Cost: $225

What will I do in this course?
This course will allow you to explore the game of chess and learn why its depth and variations have fascinated players for centuries. You will learn the basics through instructional talks and exercises and, most importantly, by playing the game with each other. Friendly competition will be encouraged as you try to outplay each other in a ladder format, as well as during in-house tournaments. A professional player will attend several sessions in order to teach more advanced strategies and tactics.

As your skills increase, both your level of play and your enjoyment of the game will increase. Your knowledge and understanding of the game will be filled out through learning the history of the game and watching related films. Weather permitting, we will take a trip to Harvard Square in Cambridge to play at the public boards there. Students from beginners to experienced players are all welcome.

What will I learn in this course?
Chess increases a player’s ability to think both strategically and tactically. Remaining aware of the options, variations, threats, and potential attacks existing in every chess position hones perceptive abilities and memory. Many parallels can be drawn between the skills needed to excel in chess and the skills needed to succeed in life.

Who will lead the course?
LA faculty members John Curran and Paul Zukauskas are avid chess players and are eager to teach others the beauty and educational value of chess. Our outside professional is a highly rated player who once defeated the former World Champion of Chess in a simultaneous exhibition.

Clay and Kiln: Pottery Making

Ms. Beleno Carney and Ms. Aubert
Maximum students: 16
Tuition: $495

What will I do in this course?
Did you love working with Play Doh and were devastated when your creations dried up and cracked apart? Are you curious about pottery and the art of creating different items by your own hands? Then pottery making is the perfect course for you to perfect your skills.

This class will focus on the simple hand-building techniques of pinch, coil, and slab. Utilizing these techniques, we will shape the clay into cups, bowls, and other unique objects, including instruments. Surface decoration will be explored through imprinting objects to create textures, painting colored slips, and relief carving. Pottery will be fired and glazed, making it durable and food-safe.

After working on several projects you will make and keep for yourself, we will use the last few days of the course to make a series of 5 bowls each, to be donated to a fundraiser in Groton modeled on the Empty Bowls project to combat world hunger. To learn about Empty Bowls, visit http://www.emptybowls.net.

What will I learn in this course?
You will learn about the history of ceramics and different techniques and firing methods used all over the world. Each day we will practice and improve hand-building skills and sculpting techniques and see projects through from inception to completion. We will also explore the relationship between the natural world and the art we create. You will share ideas and build objects both communally and individually. In the culminating days, there will be a wrap-up discussion, evaluation, and critique of the work created during the course. Students will be evaluated on their participation and practice during the process of creating pottery.

Who will lead the course?
Shana Brautigan runs her own pottery studio, Rooted in Clay, and is a teacher for burgeoning artists of all ages. Shana is an expert in building wood-fire kilns and is listed on the New Hampshire State Council on the Arts and Arts in Education and Community Arts Roster (www.rootedinclay.com). Faculty leader Carey Aubert teaches French and Elena Beleno Carney teaches English.

Conservation Cowboys

Ms. McGowan and Ms. Horne
Maximum students: 12
Cost: $2,750

Advisory: This is a physically challenging course which includes horseback riding amongst bison and hiking/trail-building in high altitudes of 8,000 ft. Students who experience altitude sickness, allergies to animals, or have an aversion to cold weather must avoid this Winterim. Temperatures are expected to be 50 and sunny, (feels like 60) during the day and in the 20s at night. We plan to be outside most of the day, every day. The trip may return late Friday night, March 20.

What will I do in this course?
What does it mean to be a steward of the American western lands in the 21st century? You will be working alongside conservationists, wranglers, wildlife biologists, and ecologists as you learn firsthand the challenges affecting the diverse
ecosystem of southern Colorado. Our host, the 103,000-acre Zapata Ranch Nature Conservancy, is home to huge bison and cattle herds. The bison herds which exist today are the result of a combined effort of conservation groups after their near extinction. The herd is used to promote planned grazing to help wildlife habitat and vegetation growth. Moving these herds will be part of our job, and this requires lots of daily training on horseback from our conservationist wrangler. Maintaining fences and clearing ditches is a vital aspect of ranch life, and we will do our share. Daily caring for our horses will also be stressed.

Leaving a natural area better than how you found it will be our goal as we hike into the The Rio Grande National Forest to restore trails as Volunteers for Outdoor Colorado (VOC) working with the U.S. Forest Service and The Bureau of Land Management. The geology and history of the Pagosa Hot Springs will be explored from the outside and the inside as you soak your sore muscles!

People come here from all over the world to experience the annual crane migration which has been described as a blanket of movement and noise as 20,000 three-foot-tall cranes fill the landscape. This ritual is a testament to the delicate ecology of the region we will be studying.

What will I learn in this course?
You will learn about the conservation efforts being used to preserve the ecology and biodiversity of the San Luis Valley and the Sangre De Cristo Mountains. The responsibilities of ranch life, including learning to ride and care for horses, will be an important aspect of the course. You will be expected to participate in all areas of the W interim, including the nightly “round tables.” Ms. McGowan will be giving photography instruction and journals capturing the W interim experience may be in the form of photography. A final book will be produced by the group.

Who will lead the course?
Laurie McGowan is LA’s visual arts teacher, a former member of the Greenville Conservation Commission, a New Hampshire Master Gardener, and an animal lover. Kiley Horne is an LA science teacher, nature lover, and aspiring wrangler. Conservationists, ecologists, and wranglers at the Zapata Ranch Nature Conservancy, forestry rangers, and wildlife biologists at the national parks will all share their expertise.

Culture Through Service: an Ecuadorian Experience

Ms. Cronin and Ms. Ryan
Maximum students: 16
Cost: $3,000

Advisory: This course will involve some physical activity, such as occasional, moderately challenging hiking. Students should also be prepared to camp in rural villages for seven nights. Students may be required to have certain inoculations. A valid U.S. passport for U.S. citizens and additional travel documents for international students are required. The purchase of group travel insurance through the school is mandatory.

What will I do in this course?
Want to immerse yourself in one of the most ancient cultures in the world? Come and join us for the W interim experience of a lifetime in Ecuador! In this course, you will be learning about the rich culture and heritage of Ecuador by helping its inhabitants. You will be assisting Ecuadorians by pouring concrete floors for their homes; the concrete floors will eliminate a host of preventable diseases and health risks to which young children are susceptible. You will teach English and perform other tasks at a local Kichwa community school; what better way for one school to assist another? Under the guidance of leaders from Andean Discovery, you will also learn about the culture and history of the area and visit nearby historic and natural sites.

What will I learn in this course?
You will learn about the Ecuadorian culture through your close connections with the local inhabitants, and you will have the rewarding experience of knowing that you have done something meaningful to fill some of their needs. You will leave a lasting impression on the community, transforming their homes right before their eyes, improving their school, and giving their children the experience of learning from you, just as you will undoubtedly learn from them.

Who will lead the course?
Damon Corkin, a Lawrence alumus from the Class of 1995, is the director of Andean Discovery, the outfitters who will lead our adventure (www.AndeanDiscovery.com). Trained Andean Discovery guides will be with us for our entire stay. Ms. Cronin, a French teacher who led Winterims in Peru for the past two years, is excited to head to a new South American country to help out and to learn about the culture. Ms. Ryan, who teaches math, has led three Winterims with Andean Discovery and is thrilled to be returning to the center of the world to do her part in helping families live a healthier life.
Dominican Service Project: Mariposas y Servicios

Mr. Bashir and Mr. Moore
Maximum students: 16
Cost: $2,800

Advisory: Students may be required to have certain vaccinations. A valid passport for U.S. citizens and additional travel documents for international students are required. The purchase of group travel insurance through the school is mandatory. Excursion days will include light hiking and swimming. Almost daily physical labor will push students to complete a large-scale task with limited time.

What will I do in this course?
Do you enjoy spending time with kids? Building, painting, or working outside? Sliding down waterfalls? Exploring a new culture? Learning a new language? How about doing all of this in a beautiful tropical setting and making a big difference in the growth and education of an entire community? The Mariposa DR Foundation in the town of Cabarete is a center dedicated to supporting young women from disadvantaged families. Their mission is rooted in the mission of the Girl Effect and they are wholly dependent upon donations to do this vital work. Students will spend their days working to improve the foundation’s facilities, helping in surrounding communities, and teaching and playing with the girls who come to the foundation after school to learn and play. To learn more about the Girl Effect, you can visit www.girleffect.org. You will immerse yourselves in Dominican culture by visiting the homes of some of the girls, taking a river excursion to a beach where you will learn how to fish with nets, dig for crabs, and enjoy a beach barbecue. You will also get a taste of jungle adventure as you spend a morning climbing, sliding, and jumping along the famous Damajagua waterfalls.

What will I learn in this course?
The experience of visiting an area of significant poverty and working side-by-side with people of another culture can be life changing. You will have intercultural experiences that will allow you to learn as well as to teach. Having the chance to make friends and get close to the children of this area in the Dominican Republic will also give you the chance to experience a different language in an immersion setting.

Who will lead the course?
Our work on the island will be overseen personally by Mrs. Tricia Suriel, executive director of the The Mariposa DR Foundation. Most recently, Mrs. Suriel was awarded the Crystal of Hope in Vienna, Austria. She has also received the Outstanding Citizen Award from the U.S. Embassy in the Dominican Republic, which recognizes contributions made by a U.S. citizen overseas. Lawrence Academy has worked with Mrs. Suriel’s organization on twelve previous trips. As of last year, Mrs. Suriel has also become an active member of the LA family as a parent.

Lawrence Academy leaders will be English teacher Khalid Bashir, and Assistant Head of School and Spanish teacher Rob Moore, both of whom have experience traveling and working in the Dominican Republic.

Everyone’s a Critic

Ms. Mordeno and Mr. Sugerman
Maximum students: 12
Cost: $900

Advisory: There is a two-night overnight as part of this course, March 16 and 17. Required time on this course will extend to late evenings on most of the dates, when we will be out on field trips.

What will I do in this course?
“Brilliant!” … “I laughed! I cried” … “this Winterim changed my life!”

Hopefully this will be the review you’ll write of the Winterim we’re calling Everyone’s a Critic. New England offers some of the most amazing cultural and arts events happening in the whole country, and we’ll spend days and nights seeing music, dance, theatre, and visual art around the Boston area. We’ll create a LA Critic Blog on which we will post our reviews, analyzing those performances and exhibitions critically and giving our thumbs up or thumbs down recommendations.

What will I learn in this course?
While much of our time will be spent traveling to events and cultural destinations, gaining an appreciation for a variety of art forms, we will also spend time on campus at LA, learning how to bring an intelligent and critical eye to writing a review. In addition to learning critical writing skills, you will create an online blog as a forum for your writings.

Who will lead the course?
Dina Mordeno and Joel Sugerman both teach in the Arts Department at Lawrence Academy and are also professional artists in their fields. Dina is a painter and visual artist, and Joel is a performer and creator of theatre. Both love taking advantage of the local performing and visual arts scene and are hoping that they can spread that enthusiasm to students.
Game of Drones

Mr. Brescia  
Maximum Students: 12  
Cost: $785

What will I do in this course?
What would you sacrifice to protect the realm? Second thought, why not just play it safe and pilot your own drone to keep everything under your watchful eye (while abiding by U.S. laws and regulations, of course).

In this course, you will use flight simulator software and explore various drone applications while assembling and flying your own lightweight drones. In addition to filming landscape and/or live action events, you will use advanced quadcopter drone flight controllers with GPS and autonomous mission capabilities, as well as plot mission paths using a Google Maps-based mission planner. In the final days, you will compete in an aerial relay race through an obstacle course around campus to test your quadrocopter drone tuning and flight skills.

What will I learn in this course?
In addition to learning some basic principles of flight, you will learn from experts how to fully assemble, configure, customize, and fly a microcontroller programmable quadcopter drone. While this course is designed with any teenager in mind, the aspiring engineers among you could explore auto-stabilization technology, including electronic 3-axis gyros, accelerometers, barometers, and GPS, along with Proportional Integration Differentiation (PID) control theory principles and tuning. All will be instructed in radio-controlled flight principles and safety, as well as the relevant FAA/AMA regulations.

Who will teach the course?
Rick and John Spitz will be sharing the teaching duties of this class. Rick Spitz and his son John co-founded Spitz Industrial Design and its subsidiary SI Drones, which develops custom technology for personal and commercial drones. A technology entrepreneur providing strategic guidance to a variety of technology startups and for U.S. Department of Defense programs, Rick has authored numerous patents and consults on intellectual property matters. John, the lead engineer at Spitz Industrial Design, is an expert 3D CAD designer and modeler using 3D printing technology. John has been working with remote-control technology for 15 years and is an AMA qualified R/C flight instructor. Assisting the father-and-son team will be Andrew Brescia, who has been on the LA faculty since 2000 and has been responsible for bringing to campus Winterim courses in entrepreneurship and robotics.

Hawai’i Island: Ua Mau ke E a o ka Aina i ka Pono*

Ms. McKenna and Ms. Heatley  
Maximum students: 14  
Cost: $2,750

Advisory: Students must be able to meet the physical demands of hiking considerable distances over rugged terrain. The purchase of travel insurance is mandatory.

What will I do in this course?
Can you translate the motto above? Did you know that service learning is a two-way street? Come to Hawai’i Island and see for yourself how learning about the Hawaiian culture, while giving back to the community, can be a life-altering experience. We will work on projects in three distinct locations on Hawai’i Island. At the Kua O Ka La public charter school in Puna we will perform agricultural and agroponic tasks in the school gardens; in Volcanoes National Park we will plant trees in an ongoing reforestation program; and in the Waipio Valley we will practice ancient farming techniques in the kalo (taro) fields that line the valley floor. Along the way, we will also explore black sand beaches, swim in pristine waterways, and attend a luau.

What will I learn in this course?
You will learn why The Life of the Land is Perpetuated in Righteousness* and why the land and righteousness are fundamental to the Hawaiian culture. From our hosts, we will be introduced to their language, history, science, and storytelling and will discover why the myths of Hawaii are still so relevant today. Ultimately, you will write your own myth.

Who will lead the course?
Professional guide Kalia Avery, who has been leading trips in Hawai’i for more than 20 years, will accompany our group from start to finish. Kalia is an expert on the human and natural history of the Hawaiian Islands. At each of our sites we will be joined by local experts. Susan McKenna, school nurse, and Caroline Heatley, associate director of athletics, both veterans of numerous Winterim programs, will be the faculty leaders.
HeadStart in Lowell

Mr. Mitchell, Mr. Gagnon, and Mr. Swift
Maximum students: 27
Cost: $0–$125 (depending on transportation)

Advisory: Students in this course must be immunized against tuberculosis. The Lawrence Academy health center can provide such immunization, if needed. Each participant must provide proof of prior immunization in writing before February. The fee for transportation will be shared equally by all participants.

What will I do in this course?
The goal of this course is to provide an experience through which we can serve families who are in poverty and the tireless teachers who practice their wonderful work in early education in this important national organization called HeadStart. You will work as a classroom teacher for two weeks at HeadStart facilities in Lowell, where three- and four-year-olds come to school every day. You will work with a professional, an aide, and about twenty children in a classroom and on the playground, assisting a teaching team throughout the day.

What will I learn in this course?
You will learn more about children in poverty and about early childhood education by working as a teacher at HeadStart. You will also be required to spend time daily outside the classroom with our group, discussing what we are seeing. You will be expected to maintain an informal, daily journal of reflections and, finally, to submit a formal piece of writing based on the two-week experience to be published on the Winterim blog.

Who will lead the course?
Three leaders will supervise. In Lowell, Ned Mitchell is an NGP teacher and a many-year veteran of this Winterim. Jarred Gagnon is a math teacher eager to go to Lowell for his fifth year. History teacher R.J. Swift is participating for the first time in this session.

Iron Forging

Ms. Huggins
Maximum students: 8
Cost: $1,000

What will I do in this course?
Using hammer and anvil at the forge in this hands-on workshop, participants will learn traditional blacksmith iron-working techniques through a challenging series of projects. You will find that iron made malleable by intense heat can be hammered, twisted, carved and reshaped. With skills, the material can become floral, animal, and other decorative ironwork. You will learn about safety, tool making, finishing, joinery, and design. After learning the basics, you will then attempt to go beyond craft to create personal expressive work. You will also explore the history of the art with a visit to the Higgins Armory collection at the Worcester Art Museum.

What will I learn in this course?
The goals for this course are to gain an understanding of the technique and skill of hot iron forging, develop a better understanding of a craftsman’s work, and learn some of the history of the role of the blacksmith in society.

Who will lead the course?
This course will be led by Ray Ciemny, who has been a working artist-blacksmith for the past 15 years. He studied at Mass. College of Art and under Master Blacksmith William Senseny. His work emphasizes a creative approach to an old craft. He specializes in hand-forged, custom metal work, both functional and inspirational. His studio, ArtisanIron, designs and builds commissioned work including architectural iron work, commercial store fixtures, furniture, and landscape and garden art. The LA faculty member leading this course is Natasha Huggins who teaches NGP and history.
Kayaking Costa Rica: Exploring the Gulf of Nicoya

Mr. Burkholz
Maximum students: 16
Cost: $2,950

Advisory: Students need to be in good physical shape and be able to maintain sustained physical activity. Students should be comfortable in the water and be able to swim. Visitors to Costa Rica should be up to date on routine vaccinations. The Centers for Disease Control and Prevention (CDC) has recommended that most travelers to Costa Rica have vaccinations for hepatitis A and typhoid. We highly recommend that you visit the CDC website and consult your travel nurse or doctor regarding vaccinations.

What will I do in this course?
This will be an outdoor kayaking trip exploring the Gulf of Nicoya, which is a stunning marine and coastal landscape of white sand beaches, wetlands, jagged rocky islands and cliffs, extensive mangrove habitat, and high biodiversity. The Nicoya Peninsula protects the gulf from the powerful Pacific, attracting groups of whales and dolphins to its tranquil waters. During the kayaking portion, you will kayak, fish, and snorkel from four base camps on four different islands. You will experience cultural interactions with the local inhabitants. You will explore the Nicoya Peninsula which is crammed with life, from leaf-cutting ants to parrots to tapirs and four species of monkeys. You will clean and cook the fish that you catch. You will help cook meals, prepared local style (and taught by native inhabitants) to complete the experience. While this expedition will be exciting and adventurous, safety will be our first concern.

What will I learn in this course?
You will learn basic and advanced paddling strokes, navigational skills, and how to use Costa Rican handlines and nets to fish. You will learn about the island ecosystems and marine ecology and be taught basic snorkeling skills so you can snorkel amongst the most diverse array of sea life in the area. While exploring the Nicoya Peninsula, you will learn about the local habitat and the culture of the native inhabitants, including the theories on why they live longer than most people on earth. There will be numerous opportunities to gain leadership and communication skills and build personal confidence through group activities. You will also learn that it is OK to push yourself mentally and physically to your limits.

Who will lead the course?
Vince Lamain and Matias Flores of Mr. Tico Adventure will be our guides. They have worked as naturalist and adventure travel guides in the Costa Rican tourism field for over 20 years combined. They have professional training in tourism and leisure management, environmental sustainability, business, first aid, vertical rescue, swift water rescue, wilderness first responder, and more. They founded Mr. Tico Adventure in 2007 and have worked primarily in Costa Rica. Both Vince and Matias led our recent trips to Panama and the Osa Peninsula in Costa Rica.

Mark Burkholz has been the director of technology for over 20 years and co-led the LA Outdoors Program for 19 years. Co-leading this Winterim with him is his wife, Sheara Friend, who has accompanied him on all 11 travel winterims, 9 as a co-leader. Both are outdoor adventure enthusiasts.

The Lawrence Academy Channel

Mr. Cabot and Mr. Guzman
Maximum students: 16
Cost: $185

What will I do in this course?
Have you ever wanted to host your own television talk show? Or perform on camera for thousands of viewers? You have a rare opportunity. Share self-made content using the Groton Channel’s studio, editing equipment, and broadcast capabilities powered by Charter and Verizon. Harness your creativity in their state-of-the-art cable television facility housed ten minutes down the road in Groton Dunstable High School. Possible projects include news programs, game shows, and popular culture magazine-type shows. You will also take a tour of New England Studios in Devens, the newest and largest film and sound stages on the East Coast, and possibly witness a film in production. Show off your dynamic charisma as an on-screen personality, or be a master behind the camera. Either way, this is your moment to bring the action to the public!

What will I learn in this course?
In small groups of 3-4 students, you will plan and execute a half-hour program to be broadcast over local cable access. You will hone interview, writing, and organizational skills, fashion dynamic screen graphics and inserts, and utilize equipment such as a green screen, teleprompters, monitors, lights, and microphones. As for an evaluation, it will come from a very tough place: the audience. After your program airs, an audit will be made of viewership numbers and public commentary. Here is your big chance to act in, film, edit, and finally broadcast a creative extravaganza!

Who will lead the course?
This is LA Spanish teacher Nate Cabot’s fifth consecutive year as a moving-image based Winterim leader. NGP history teacher Hector Guzman counts this as his first Winterim. Hector has recent film ing and editing experience from Trinity College. Bob Colman is the fulltime Program Director of the Groton Channel. He is on his twelfth year and has much experience working with students.
Outdoor Adventure and Leadership

Mr. Karp and Mr. Margraf
Maximum students: 12
Cost: $1,200

What will I do in this course?
Have you ever dreamed of leading a group up a mountain? On a sports field? At a summer camp? In the classroom? Then this course is for you. You will travel to Camp Takodah in Richmond, N.H., where you will learn and practice leadership skills in an outdoor adventure setting. Most of our time will be spent outdoors and will include such activities as low ropes courses, high ropes courses, natural history walks, and hiking. In addition, we will do some survival training (Bear Grylls style). We will sleep in one of the many heated cabins at Camp Takodah and return to campus for the middle weekend of Winterim. As a result, the weather is NOT a factor. This is truly a transformational experience for all involved.

What will I learn in this course?
You will learn how to read group dynamics, how to facilitate activities, and how to help yourself and others find meaning in both success and failure. You will learn how to challenge people to push themselves beyond their comfort zones and to achieve beyond what they thought they could do. Your teaching skills will be put to the test and developed in an outdoor, experiential setting; you will also learn how to transfer those skills to your everyday life. You will keep a reflective journal throughout the course. You will be evaluated on both your participation and your journal.

Who will lead the course?
Chris Margraf, a 16-year veteran of Lawrence Academy, recently moved from the Development Office to return to the classroom teaching math and working in the College Office as a college counselor. Mr. Margraf led this Winterim last year and felt it was one of his top three experiences since he has been at LA. In addition, he has led the Sports Journalism Winterim a number of times, and, as the varsity baseball coach, he has designed and led the team on spring training trips to Florida. Arthur Karp, teaches history at Lawrence Academy. He has led off-campus Winterim trips to such places as Costa Rica, Slovakia, and Israel, and a variety of on-campus Winterim activities during his tenure at Lawrence Academy.

Playwriting

Mr. Igoe and Mr. Barker
Maximum students: 12
Cost: $30–$100

Advisory: BEWARE: this course will be writing intensive! Also note that on Thursday, March 19, students will attend an evening performance at Merrimack Repertory Theatre.

What will I do in this course?
The lights dim, the curtain slowly rises and on stage is… your play! Have you always imagined yourself accepting a Tony Award? Do you rehearse your Oscar acceptance speech every March? In this course we will be living the life of a playwright. Each day, playwrights will craft scenes playing with various aspects of playwriting and then workshop our scenes together. In addition to gathering inspiration from the beautiful settings and interesting people around Groton, we will attend two live performances: The Glass Menagerie at Trinity Repertory Theatre and Out of the City at Merrimack Repertory Theatre. In the second week, playwrights will pen an original one-act play.

Peanuts: Comics Studio

Mr. Scott Smith
Maximum students: 8
Cost: $200

What will I do in this course?
Are you ready to draw a dinosaur ninja safari? If so, this course was designed for you. During our two weeks together, you will produce your own short comics while working collaboratively with 3- to 5-year-olds at the Sunshine School. You will help the preschoolers tell imaginative stories verbally in the classroom and then finish those stories in the studio as polished comics.

What will I learn in this course?
You will learn to block out panels, illustrate words, and ink finished pages with nibs and brushes. Additionally, you will practice old-school zine production to create copies of your work to give to friends. Through studying examples of cutting-edge comic art and trying your own hand at the process, you will learn to understand one of the fastest growing, most influential modern art forms.

Who will lead the course?
Scott Smith is an art teacher at Lawrence Academy who has studied graphic literature at Middlebury’s Bread Loaf School of English and produced his own comic art at the Center for Cartoon Studies in White River Junction, Vermont.
Quilting is Sew Easy

Ms. Dexter and Ms. O’Connor
Maximum students: 16
Cost: $435

Advisory: Students must have the use of a portable sewing machine during the two weeks of Winterim.

What will I learn in this course?
You will learn how to write a play! Throughout several writing exercises you will experiment with structure, characterization, dialogue, images, and setting to hone your own playwriting style. In the second week, you will write a one-act play. Evaluation will be based on written work and participation in workshops.

Who will lead the course?
English teachers Colin Igoe and Robbie Barker will be leading this Winterim.

The Something for Nothing Players—Touring Children’s Theatre

Mrs. Jenny Cooper and Mrs. Lisa Cooper
Maximum students: 12
Cost: $500–$650 (depending on enrollment)

What will I do in this course?
Members of the cast and crew of The Something for Nothing Players will produce a musical show for children and take the production on a whirlwind tour! This year’s shows will be chosen from a collection of selected scripts based on children’s stories like those of The Paper Bag Players, a famous children’s theatre troupe based in New York City. After a week of high-energy rehearsals and the construction of a portable set, our company will put on 4 days of performances as we tour elementary schools and children’s libraries throughout New England. You will probably have to sign autographs and pose for pictures with your new fans after rewarding question-and-answer sessions following each performance! For some in the audience, the performances will be their first taste of “live” theatre. Students will get up early, travel a few miles, and learn to live out of a suitcase as they experience the life of an actor/musician “on the road.” This repertory experience, which includes singing, non-singing, and technical positions, will combine the best of the touring and production processes to create an unforgettable experience. You will also have a chance to attend a professional theatre performance as a cast.

What will I learn in this course?
You will learn the basics of performance and design through the production experience. You will adjust and adapt to performing in gyms, cafeteriums, and other unusual venues. You will learn about early childhood education and the value of storytelling. You will also learn about everything it takes to be part of a company “on tour.” In addition, you will participate in reflective discussions and keep a journal to examine your own creative process as it relates to theatre production and early childhood education.

Who will lead the course?
Lisa Cooper will be the primary instructor for the performance aspects of the show, including music, acting, and choreography. She is a certified K-12 music educator, vocal pedagogue, and musical theatre director. She specializes in K-6 music curriculum and development and holds the degrees B.S. in Music Education and B.A. in Vocal Performance and Pedagogy. She has sung lead roles in opera and musical theatre productions. In addition she

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is a skilled pianist and musical theatre director, having worked as an accompanist and music director for both summer stock and university productions, as well as directing this Winterim last year.

Jenny Cooper will be the secondary instructor and supervisor. As well as being the Director of Music at LA and one of the directors for the winter musical, she has directed and musically directed six high school productions, during which she also made costumes, hung lights, built and designed sets, and took care of all PR needs, all of which she will help with during this project.

Alex Fischbein will provide the main instruction on the technical aspects of the production, including the set design and costumes. She will be in residence for the first week of work only. She holds the degree B.A. in Technical Theatre with an emphasis in Stage Management. She works at the Hartford Stage Company and previously was stage manager at Papermill Theatre in Lincoln, N.H., a professional children's theatre company.

**Special Olympics Winter Games Volunteers**

Mr. Kris Johnson  
Maximum Students: 10  
Cost: $350  
Advisory: Students in this course will be required to work at the Special Olympics Sports Clinic during the weekend in the middle of Winterim, March 14 and 15.

**What will I do in this course?**

Do you enjoy playing sports? Did you ever think about sharing your time and talents to help other athletes? Well, here is your chance to shine and help out your fellow athletes at the Special Olympics Winter Games. You will volunteer daily at Yawkey Sports Training Center in Marlborough, Mass., and design/run a sports clinic on the weekend with the Special Olympics Winter Games. The sports clinic will be held all day on Saturday, March 14, at the Yawkey Sports Training Center.

You will work daily at the Yawkey Sports Training Center, and you will also spend some evenings there doing workshops and activities with the Special Olympics athletes. Some of the daily duties include organizing and preparing shirts, medals, and posters for the Winter Games. You will also get a chance to interact with the athletes during the weekend games.

**What will I learn in this course?**

The goal of this course is to gain an understanding and appreciation for the Special Olympics. You will learn about the various rules that are modified for each winter sport. You will also maintain a daily journal to reflect upon your own unique experiences. Everyone will be expected to actively join group discussions from time to time, and you will submit a final essay, which will focus on your own direct volunteer efforts at the Winter Games.

**Who will lead the course?**

The staff of the Special Olympics will direct and oversee our work. Lawrence Academy Athletics staff member and head boys’ basketball coach Kris Johnson will be working alongside the students through all aspects of this course.

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**Sports Journalism**

Mr. Wiercinski and Mr. Culley  
Maximum Students: 13  
Cost: $1,250

**What will I do in this course?**

Does the life of a sportswriter seem exciting to you? Would you like to find out what it’s like to write against a deadline? To interview professional athletes? For 10 days you will experience the life of a sports writer. Activities and events include touring The Boston Globe, WEEI, and the Basketball Hall of Fame, and watching regional sporting events such as the Big East Tournament, Boston Bruins, and Celtics games. After each game, you will write game articles to capture the action for your readers. Additionally, you will write feature articles based on interviews of the athletes and sports figures and observations of the sporting world. The course will educate you about the life of a sports journalist. You will be under pressure to complete your articles and to muster up the courage to interview players and fans. You will also have the opportunity to create, design, and complete your own magazine, which will contain the articles written during the two-week course. This course will force you to work hard, but you will learn a great deal and have a lot of fun in the process.

**What will I learn in this course?**

You will receive an introduction to the ins and outs of sports journalism and newspaper reporting. As a would-be sports writer, you will learn how to write effective game and feature articles, with the help of some preliminary instruction in accurate and concise writing and provocative interviewing. You are expected to complete a magazine that will be created and distributed to the Lawrence community during the Winterim Wrap-Up.

**Who will lead the course?**

Lawrence Academy faculty members Kevin Wiercinski and Mike Culley, both members of the history department and coaches of multiple sports, will lead this course. Mr. Wiercinski will lead this course for the 11th time. For Mr. Culley, it will be his seventh Sports Journalism experience.
Stained Glass

Ms. Anderson and Mrs. Pietsch
Maximum students: 16
Cost: $700

What will I do in this course?
Have you ever looked up at a church window in awe or marveled at a Tiffany panel in a museum? Or perhaps you saw a lamp over a table in Applebee’s and wondered, “How did they do that?” In this course you will get your chance to find out! You will be able to create your own design for two stained-glass panels in the Tiffany style. No previous experience is necessary. Using your own design, you will cut, shape, and bond glass pieces into a kaleidoscope of light, form, and color. As time permits, you will have the opportunity to create sun catchers and other small pieces.

What will I learn in this course?
First, you will learn the techniques for safely cutting, grinding, and fusing glass. Through your work on a novice project, you will learn to use a glass cutter to shape and smooth each piece from a larger sheet of glass. Then you will use the copper foil and a soldering gun to fuse pieces together. After learning to use each tool in your kit and practicing these techniques, you will begin to work on your individual project. Each day you will see your design take shape bit by bit. You will wear an apron to cover your clothes and eye goggles to protect your eyes from flying chips and bits of glass. Minor cuts from handling glass are commonplace in this work, but the satisfaction you will get from your progress will be worth it. Following safety procedures, participating daily, and finishing your projects will signal a successful completion of the course.

Who will lead the course?
The course will be led by Randy Gagne, owner of The Glass Menagerie in Leominster, Massachusetts. Randy designs and creates stained glass for his store and also does restorations and custom work. He has led this course many times. Ms. Anderson and Mrs. Pietsch have assisted in leadership of this course for several years. Ms. Anderson is the Head Librarian and Mrs. Pietsch is a Spanish teacher.

Turn, Baby, Turn!

Mrs. Greene
Maximum students: 8
Cost: $800

Advisory: Working with wood while using power tools creates sawdust. We will have dust masks and air filters, but this course is not suitable for students with severe sawdust allergies. (Students with mid-strength allergies should be OK in our working environment.)

What will I do in this course?
Have you ever wanted to hit a homerun using a baseball bat you made? Have you ever wanted to eat cereal from a bowl that you crafted yourself? A lathe is an ancient woodworking tool on which a piece of wood spins. By applying tools to the spinning wood, a woodworker can create any number of things from toys to platters to baseball bats. This process is called ‘turning.’ Safely turning wooden objects is incredibly fun and rewarding; results are immediate and exciting.

What will I learn in this course?
In Turn, Baby, Turn! you will learn woodworking techniques that have been in use for over 2,000 years. Depending on your individual interests, you will then use these skills to create tops, candle sticks, bowls, baseball bats, Christmas ornaments, and abstract art pieces. When done properly, turning is quite safe. Safety is emphasized at all points in this course, and students will be expected to follow all safety rules rigorously.

Who will lead the course?
Ken Lindgren is a full-time wood turner and has been teaching lathe work for many years, both to adults and to high school students. His personal work can be viewed on his website at www.walksoftlywoodart.com. Barbara Greene is a science teacher at Lawrence Academy. She has completed many projects finishing and restoring furniture. She was Winterim leader of Turn, Baby, Turn! last year and is looking forward to working with the students and improving her skills.
Underwater Discovery

Ms. Schneider and Ms. Larissa Smith
Maximum students: 14
Cost: $3,000

Advisory: This course is for those with no diving experience. The first week will involve becoming PADI certified. A student with uncontrolled asthma, respiratory problems, anxiety or claustrophobia, or significant allergies may not sign up for this course. Participants must be able to swim and will be required to pass a swim test given by the dive instructors. Participants must provide their own masks, fins, snorkels, and wetsuits. Students may be required to have certain inoculations. A valid passport for U.S. citizens and additional travel documents for international students are required. The purchase of travel insurance is mandatory.

What will I do in this course?
The underwater world is an incredibly effective classroom that facilitates opportunities to challenge those who venture into it, both physically and mentally. The goal of this course is provide you with the option to explore both of those realms while also experiencing life in the Grand Caymans on the island of Cayman Brac. In Underwater Discovery, you will learn to respect the ocean by studying it and exploring it in a hands-on fashion in one of the most beautiful and amazing shore dive sites in the world. You will earn your PADI Open-Water SCUBA certification and then use your newfound diving skills to study aquatic life and truly experience what life is like under the sea. In addition to SCUBA diving, you will also have the opportunity to snorkel, go on cliff hikes, and explore a parrot reserve.

What will I learn in this course?
You will undergo PADI SCUBA training, with the opportunity to earn Open Water SCUBA Diver certification. Basic instruction includes a three-part training course: confined-water skills, written work, and open water checkout dives. You will explore firsthand the wonders and mysteries of life under the sea, while also learning about marine biology and conservation themes. You will be asked to keep a daily journal about your experiences, both to record all observations and lessons learned, as well as to note your personal growth and learning experiences.

Who will lead the course?
Lawrence Academy will partner with Broadreach, an experiential educational organization. Broadreach will provide two PADI SCUBA instructors to facilitate the program. The instructors will support the group 24 hours a day, and at least one instructor will have advanced medical training (WFR or EMT). Additionally, Kacey Schneider is PADI Open-Water SCUBA certified and has been on dives all over the world. She is a history teacher in her fourth year at Lawrence Academy, and this will be her third travel Winterim course. Larissa Smith is excited to become SCUBA certified. A math teacher in her fourth year at Lawrence Academy, this is also her third travel Winterim course.

Watercolor Creations… Not by Numbers!

Ms. Breton
Maximum students: 12
Cost: $610

What will I do in this course?
You will learn how to paint with watercolors is not as difficult as you may imagine. Through a step-by-step process, you can produce remarkably beautiful paintings. In fact, you will succeed in producing a painting on the very first day. If you have always admired works by some famous artists, you can create your own using your imagination, practice, and guidance from one of New England’s distinguished watercolorists. You will receive a thorough introduction to basic watercoloring techniques, the tools used, hands-on practice with different techniques, and the effect of different types of paper on painting. You will have the opportunity to create in color your own choice of subject, whether animals, people, landscapes, or marine scenes. At the end of the two week period, you will have completed multiple works, including a finished product that has been mounted and matted and is suitable for framing. The cost of the course includes a set of watercolors, numerous brushes and tools, paper and matting material, as well as instruction from the artist-in-residence.

What will I learn in this course?
You will learn how paint performs according to the type of paper you are using, how to apply paint with the basic selection of brushes, which colors are more and less transparent, and how to blend colors. You will discover when you need to use crisp, hard edges, and when and how to lose edges. With each painting will come an increased understanding of color, value, and composition. You will be evaluated by your active engagement and participation as you build a portfolio which includes your designs, sketches, and practice paintings. This portfolio will serve as the visual proof of your progress, culminating in your final painting.

Who will lead the course?
Mr. Bush is a distinguished, prolific, and well-recognized New England watercolorist. As a full time artist since 1975, he has won several awards and has painted and placed over 1,550 paintings. A 1961 graduate of Boston University, Mr. Bush studied watercolor at Atlantic Union College with Roger Blum, and he studied anatomy and life drawing at the De Cordova Museum with the late King Coffin. His works hang in a number of New England business collections, as well as with United States Fish and Wildlife service, and have been displayed throughout New England, including the Fitchburg Art Museum, Boston Symphony Hall, the Copley Society, and Boston City Hall. He will be assisted by local artist Lee Muir-Haman, and by Ms. Breton, who teaches math at Lawrence Academy, and brings enthusiasm to her third watercolor winterim.
What Grows Up: Living Walls and Roofs

Mr. David Smith
Maximum students: 13
Cost: $635

What will I do in this course?
Walls and roofs come alive with the color and texture of living plants—plants that add beauty, refresh the air, and grow food. Creating these living environments will be the focus of our work in this course. First we'll create living walls—vertical gardens that add life where we're used to seeing bricks and mortar. You'll design and plant your own unit to hang in your favorite place. We'll also work as a group to create a large wall that will beautify an area of the campus for the rest of the year. Next, we'll engage in a community service project when we create roof plantings for the Living Roof Bus Shelter Initiative for the city of Boston. We'll teach our skills and knowledge to children when we help them plant a wall for their school. Finally, we'll draw up a proposal to bring these "green" improvements to LA. At the end of the course, you'll receive a certificate of completion from Green Living Technologies International to document the skills you've learned and the contributions you've made.

What will I learn in this course?
Think globally. Act locally. You'll learn the meaning of those words as you handle roots, leaves and soil to “green” the environment. Many businesses and universities have already learned the environmental wisdom of installing living walls and roofs to improve the beauty, the air quality, and the comfort of their buildings. You'll learn how these measures positively impact the global environment by improving the local environment. You'll learn how these same techniques can create gardens in urban areas. Making use of walls and roofs for growing space not only returns green space where was replaced by concrete, but also provides an opportunity to grow fresh vegetables where none exist. As you give time to the Living Roof Bus Shelter Initiative, you learn how seemingly small steps can be part of the solution to such problems as rainwater run-off and high urban temperatures.

Who will lead the course?
Our instructor will be Trevor Smith (LA ’95). Trevor is the founder of Land Escapes Design, Inc., a Boston landscape company specializing in green technologies. He is accredited by several landscape associations, serves as the president of Ecological Landscape Association, and has led workshops for professional groups and educational institutions. Last year, he created the living wall set of the Today Show on Rockefeller Plaza during their “Earth Day” broadcast and was featured on NECN-TV. Mostly recently, Trevor has been funded by the

Environmental Protection Agency to work with the City of Boston planting the roofs of bus line shelters in an effort to reduce heat and control rainwater run-off in the city. You can learn more about Trevor’s work at the Land Escapes website: http://www.everydaygetaway.com

The Writing Life

Dr. Elsasser
Maximum students: 8
Cost: $400

What will I do in this course?
Have you ever imagined what it would be like to live as a writer? Imagine having the time each day to write stories. Imagine having the time to reflect on the world around you and to pay attention to the present will all of your senses engaged. Imagine having the time to read stories just for the sake of reading them. Too often writing is restricted to schooling and all of the pressures that can come with grades and external expectations. This course offers an opportunity to spend your days writing, speaking with other writers, developing your observation skills, and reading your favorite authors with an eye towards developing your own style.

What will I learn in this course?
Through this experience you will learn what it takes to write a polished short story. You will discover your own writing process by examining how you write best. You will learn how other writers make writing part of their daily routine. You will develop your own writing style by reading your favorite authors and incorporating their style into your own writing. You will learn how to listen to conversations with an ear towards learning dialogue. You will learn to see things with an eye towards identifying distinguishing details. In short, you will learn how to make writing part of your day-to-day living.

Who will lead the course?
Dr. Chris Elsasser, director of studies, will lead this course. Prior to serving as the director of studies, Dr. Elsasser taught high school English at independent schools in California, Rhode Island, and Massachusetts. Dr. Elsasser has a doctoral degree in English Education from Teachers College, Columbia University, and wrote his dissertation on the teaching of writing. Dr. Elsasser has conducted a number writing workshops for students and teachers over the span of his 25 years as an educator.
Yoga Beyond the Mat

Ms. Kim Johnson and Ms. Hallock
Maximum students: 16
Cost: $690

Advisory: Students should expect to be physically challenged as we will be practicing yoga for several hours each day.

What will I do in this course?
Come and explore the 5,000-year-old body-mind discipline of yoga. Immerse yourself in its time-honored traditions as we travel through its history and experience its myriad benefits. As yogis, we will practice daily and come to understand each pose fully.

We will emphasize proper alignment, breathing techniques, meditation, and the powerful connection between mind and body. We will travel to local yoga studios to sample various styles of Hatha, Kundalini, and Bikram yoga, as well as the Chinese form of Tai Chi. Often mistaken to be only a physical discipline, yoga also offers benefits that stretch beyond the mat, promoting healthy nutrition and character development.

Our journey will culminate with a trip to the Kripalu Center for Yoga and Health in the scenic Berkshire Mountains of western Massachusetts. There we will join traditional yoga classes, walk the beautiful grounds, hike peaceful woodland trails, and eat healthy meals prepared by Kripalu chefs.

What will I learn in this course?
You will develop a full understanding of yoga culture. In addition to physical benefits, you will develop better discipline; learn to reduce stress, increase energy, and improve concentration; and gain increased awareness of your world.

The yoga way of life is a commitment to overall wellness. A local chef and nutritional counselor will demonstrate healthy eating choices through cooking classes, using wholesome and locally grown ingredients. Because yoga's philosophy is one of personal growth, one full day will be devoted to character development. With a local Grand Master, you will engage in a seminar that emphasizes goal-setting, controlling thoughts and habits, leadership activities, and attitudinal growth.

Who will lead the course?
Kim Johnson is a Registered Yoga Alliance yoga instructor and Reiki practitioner with over 12 years of experience. She owns Namaste Yoga-The Athlete's Yoga, where she trains high school and college athletes. She is devoted to helping student-athletes prevent injury, enhance academic athletic performance, and overcome physical and psychological challenges. Hannah Hallock teaches chemistry at Lawrence Academy and has enjoyed practicing yoga on and off for the past several years. She is looking forward to exploring the yogic lifestyle more deeply.
10 Important Points to Keep in Mind

(Complete information can be found in the introduction to this booklet.)

1. Parents should actively help their children choose the courses that are best for them.

2. Students should follow their own interests when choosing courses. Courses popular with their friends may not truly match their own interests.

3. Read course advisories carefully. They provide necessary information about health and skill requirements, as well as about early departures and late returns.

4. Select all five course choices carefully, as the lottery may place a student in any one of them.

5. Families will be required to purchase travel insurance for courses that require air travel.

6. Once students are placed in a course, families become responsible for course tuition, even if students later want to leave that course. Again, consider course choices carefully.

7. The deadline for requesting financial aid is Friday, November 14, 2014. Grants will be announced before students depart for Thanksgiving vacation.

8. Senior and junior course selections are due by 3:00 p.m., Wednesday, December 3, 2014. Sophomore and freshman forms are due by 3:00 p.m., Tuesday, December 9, 2014.

9. Absences of any length may result in losing Winterim credit and will require summer make-up work. Legitimate illnesses and emergencies will be dealt with on an individual basis.

10. Winterim is a requirement for graduation. If a student does not earn credit for a Winterim course, he or she will be required to make up the missing requirement during the following summer, according to specific program guidelines.