

## 2010-11 End Term Choices

**1. Optics & Photography:** For the artist & scientist. Have you ever wondered how you see? Ever wanted to take a good picture? Wondered how a camera works? We will investigate these and other related questions. We will build cameras, explore the science of lenses, learn how to take good photos & the darkroom process, and explore the history of photography as an art and a science. Come and be admitted to the fabulous hidden world of the eye, the camera, and the image. Some practical matters: we will stay on campus most of the time but may go to see exhibitions. Though optics can be very complex, you need have no more mathematical knowledge than is taught in Impact II. In other words, all are welcome. Access to a digital camera is helpful but optional.

(Francis, Matt, & James L.)

**2. “Hast seen the White Whale?”:** In the end, we hope to respond to Ahab’s query with truth, “Hast seen the White Whale!” Using *Moby Dick* as a portal through which we gain understanding of the New England whale fishery on a literary, historical, practical, experiential, and scientific level, we will fill our days with Melville’s masterpiece, maritime adventure, lore, and handicraft. We won’t read the entire novel, but we plan to “take and read” it on many occasions, in many versions and ways, and at many levels. We will spend time in local Atlantic waters (e.g. Juniper Cove, Stellwagen Bank, Gloucester Harbor) and locales: New Bedford, Mystic Seaport, the Peabody Essex Museum, and Boston’s Harbor Islands. We will learn maritime arts including knotwork, macramé, scrimshaw, sea shanties, rope climbing, navigation, chart reading, saltwater fishing, and rendering fat--all that lies between the covers of what may be America’s greatest novel. Additional cost of \$90. ( Joshua S-F, Tony B.)

**3, Shakespeare and Company: The Winter’s Tale,** composed at the end of Shakespeare’s career, the play defies easy categorization. It contains some of Shakespeare’s darkest and most tragic scenes. Leontes, King of Sicilia, becomes mad with jealousy, orders the execution of his best friend, imprisons his wife, and banishes his newborn daughter. In addition, Shakespeare pens some of his most beautiful and touching scenes: a prince falls in love with a shepherd’s daughter; Bohemian farmers sing and dance. This play has something for everyone: madness, jealousy, redemption, love, bears eating people, statues coming to life, and wandering minstrels creating mischief. Most of our time and energy will go into creating a production of the play. We will act, dance, sing, design costumes, and build a set. In addition, we will also be doing some writing of our own: composing sonnets or scenes inspired by the Bard. We will also attend two Shakespearean performances: a production of *The Winter’s Tale* at Gordon College on Friday, April 1 at 7:30. and of *Richard III* in Boston on Wednesday, June 1, returning well after 5:00 pm. (Tim A, Gallaudet H, Emma M, Josh W)

**4. It is about time :** We’ll explore the concept of time as it relates to our lives and to our concept of the universe. Topics include: astronomy and the measurement of time, the history of time on human, cosmological, & geological time scales, special relativity, math & puzzles, rhythm in music and metered poetry, time as a theme and device in literature, fast food vs slow food, time perception experiments. Projects will include making

sculptures and/or timekeeping machines, making a Waring 2011 time capsule, maybe making a stop-action animation. We plan to visit the MIT Museum to look at the Arthur Ganson sculptures, visit Bell Time in Andover, and visit a retirement home to interview senior citizens about how the pace of life has changed during their lifetimes and how their perception of time has changed over the years. We'd like to take walks in the woods and on the beach to see the passage of time in nature and we might spend part of a day in a place with no clocks to see if our biological clocks give us a sense of time. (Kathleen, Steve B. & Steve S.)

**5. Another Side of Cities II:** This endterm will look at the parts of Boston most of us never see. We will spend the week of June 6th living in the city (the nights of June 6-10), living with families when we can. We will also volunteer at community service settings in Chelsea, Cambridge, and Boston (working with parents and children), work at the South End branch of the BPL, and explore neighborhoods not usually visited by out of towners. Additional cost of \$120. (Jim, Vicki)

**6. Medical End Term 2011:** Designed as a hands-on introduction to the world of medicine, students will have a rare opportunity, thanks to the continuing support of Waring parents who are in the medical field. You will attend clinicals, shadowing doctors at work: visiting medical offices, attending surgeries, including a C-Section birth, and visiting a pediatric oncology ward, as well as a residence for the elderly, among other things. There will be choices; you will not be placed in situations which are uncomfortable. You will learn to take vital signs and become CPR certified. We will host a speaker series on topics such as: living with diabetes, living with addiction, surviving cancer as a teen, hospice care. Preference will be given to those not in last year's Medical Endterm. *We rely on help from parents to get our students back and forth from the multiple clinicals that are attended each day. Any help parents will be able to offer with rides will be MUCH appreciated.* (Jan, Rich, & Maureen)

**7. Off the Beaten Map:** When you think of a map, you probably think of those that are pulled down and pointed to in class, the paper ones that are difficult to refold, or perhaps the digitized images pulled up so often on Google. This endterm is not about those types of maps. It is about how mapping – which, at its core is a visual representation of something -- can locate us in experience, in a culture, in a place, and in a particular time in history. What does it mean that with GPS we may have to work to get lost in the future (if we can get lost at all)? What would a map of a dinner conversation or your last week of school look like? Can you map a lacrosse practice or a fresh set of dance moves? We will have a sustained daily studio art component, personalized research and reading elements (including an exploration of digital infographics), and plenty of hands-on exploration of sports and the great outdoors. We will visit Boston's Mapparium, the Museum of Science's interactive "Mapping the World Around Us" exhibit, and discover the infinite visual, physical and anthropological possibilities of maps and mapmaking. What do you want to map? Additional cost of \$50. (KB, Mike K., & Peter H.)

**8. Farming:** We will reflect on food production and the labor of farming. It will be dirty,

physical, and satisfying. We'll be off campus most days, at different locations, meeting many farmers and associations (Heifer, The Food Project, CSAs, etc.) We will go camping at a CSA in Winchester, NH (one or two nights) and go white water rafting, kayaking, or tubing. Other activities under consideration include soil study, cooking chemistry, meeting cows, raising guinea fowls, building a poultry coop, beekeeping, sketching, writing, volunteering at a food pantry. Most days we'll travel by bus, but we will bike to Longhill Reservation in Beverly, and take the train once to Lynn. We'll have homework including reading *The Omnivore's Dilemma* (Young Readers edition). Additional cost of \$50. (Stéphanie W., Bill B.)

**9. Improv this Endterm:** Work with both Holly and guest improv artist extraordinary BRENDAN PELSUE! As a theatre endterm, we will focus on performance skills in the IMPROVISATION structure. Improvisation is the art of creating theatre scenes without a script. Brendan will introduce specific technique and scene structure. Exercising our skills will take place both on campus and off. In addition to working our own skills at improv, we will teach improvisation and drama classes to neighboring school kids. A small performance presentation will be acted by the end of endterm. (Holly, Brendan P.)