



Bard High School Early College – Newark  
Course Descriptions for Core Offerings, 9<sup>th</sup> & 10<sup>th</sup> Grades

**BARD001 English 9: Literature of the Americas I**

**BARD002 English 9: Literature of the Americas II**

This two-semester sequence, organized by genre, covers essays, poetry, classic novels, dramas and short stories from the Americas. Students learn how to construct thesis-centered analytical essays in response to a variety of literary genres. In so doing, they learn how to present and interpret quotes, and to articulate the larger significance of the quotes to the text; how to organize their ideas in a clear, logical and coherent sequence; and how to revise and edit their essays in order to clarify and deepen their arguments and ideas, and to do so in appropriate style, diction, and voice. Students will learn how to generate deeper and more complex responses to texts by engaging in a variety of informal writing routines and seminar-style discussions.

**BARD003 English 10: World Literature I**

**BARD004 English 10: World Literature II**

This two-semester sequence, organized regionally, covers essays, poetry, classic novels, dramas and short stories from Europe, China and its East Asian environs, regions within Africa, and other selected areas. Students build on their work from English 9, by constructing thesis-centered analytical essays in response to a variety of literary genres, while reflecting regional divergences and confluences. Students expand their skills in presenting and interpreting quotes, and to articulate the larger significance of the quotes to the text; organizing their ideas in a clear, logical and coherent sequence; and revising and editing their essays in order to clarify and deepen their arguments and ideas in appropriate style, diction, and voice. Students will generate deeper and more complex responses to texts by engaging in a variety of informal writing routines and seminar-style discussions.

**BARD043 History 9: History of the Americas I**

**BARD044 History 9: History of the Americas II**

This two-semester sequence examines the history, politics, people, and cultures of the American continents. The primary focus of the class will be on the United States, but we will also look at the Caribbean region and Latin America, as well as connections between the Americas and the rest of the globe. Students can expect informal lectures and discussions, in-class activities and student presentations, debates, and instruction illustrated with visual and audio materials. Writing and close reading of texts will play a major part in the class. This course aims to give students a thorough grounding in the history of the Americas, to prompt students to consider their own stake in American history and society, as well as to teach students how to research, analyze, and synthesize historical artifacts and texts.

**BARD043 History 10: Area Studies I**

**BARD044 History 10: Area Studies II**

This two-semester sequence examines the history, politics, people, and cultures of selected regions through an area studies approach. The primary areas of study will be Europe, East Asia

with a focus on China, and regions of the African continent. Global connections and interactions between all regions will also be studied. Students can expect informal lectures and discussions, in-class activities and student presentations, debates, and instruction illustrated with visual and audio materials. Writing and close reading of texts will play a major part in the class. This course aims to give students a thorough grounding in the history of world regions, to prompt students to consider their own relationship with different parts of the world, as well as to teach students how to research, analyze, and synthesize historical artifacts and texts from a variety of cultural contexts.

**BARD 017 Mathematics 9: Algebra I**

**BARD 018 Mathematics 9: Algebra I**

In semester 1 of this 2-semester math course, students will learn to: 1) Create linear equations & inequalities & systems of these to represent relationships between quantities and 2) Construct and interpret in problem context multiple representations of linear relationships (graphs, visuals, tables, equations). The focus for semester 2 is 1) quadratic functions and non-linear graphs, and 2) adding/subtracting/factoring polynomials.

**BARD 019 Mathematics 10: Geometry**

**BARD 020 Mathematics 10: Geometry**

Geometry is the study of size and shape of physical objects. Concepts from Algebra 1 will be used to explore the relationships between, angles, shapes, the coordinate plane.

Students will also be introduced to formal logic for the purpose of proving theorems and arguments, as well the use of physical tools to measure and create constructions for proving geometric theorems. Topics taught will include similarity and congruence, trigonometry, transformation, geometric proofs, measurements of geometric shapes, and theorems relating angles in various configurations and shapes.

**BARD029 Introduction to Science**

This course provides a solid conceptual foundation for physical and life sciences through problem solving, demonstrations, and hands-on laboratory work. Students learn to understand the role of empirical data in establishing scientific knowledge and develop skills through experimental design. In addition to empirical evidence, science involves skepticism and rational arguments: students demonstrate the critical thinking, skepticism and logical deduction inherent in the practice of the science. Students also investigate several paradigm examples of the fundamental conceptual models in science which underlie our current understanding of the natural world.

**BARD029 Introduction to Science - Physics I**

**BARD032 Physics**

This two-semester course presents an introduction to physics. While this course will focus on a conceptual understanding of the material, students will also be expected to analyze ideas within a mathematical framework consistent with the skills developed in their current math class. Critical thinking will be fostered throughout the course through the application of the scientific method. Topics discussed this semester will include motion and kinematics, forces and dynamics, gravitation, energy, momentum and theory of relativity. The significant laboratory portion of this course will provide complementary exposure to the concepts discussed in class.

### **BARD029 Introduction to Science - Biology**

#### **BARD030 Biology**

This one-semester course presents an introduction to biology. Students explore the nature of life at molecular, cellular, and organismal levels. While this course focuses on biological concepts, an understanding of the chemical reactions underlying cellular function will also be developed.

Students also explore organisms within the broader contexts of ecology and the environment. The significant laboratory portion of this course will provide complementary exposure to the concepts discussed in class.

#### **BARD031 Chemistry**

#### **BARD031 Chemistry**

This two-semester course presents an introduction to chemistry. Topics include atomic structure, molecular structure, and properties of molecules. Fundamental principles such as kinetics, equilibrium, and thermodynamics will be introduced to describe many chemical reactions.

Throughout the course, a heavy emphasis is placed on group and individual problem solving, and on laboratory-based investigations of important phenomena. The significant laboratory portion of this course will provide complementary exposure to the concepts discussed in class.

### **BARD063 Introduction to Language**

This one-semester course gives students an opportunity to explore multiple world languages, with the goal of making an informed choice as to what language to continue studying for the next five semesters. Beyond that, students gain a nuanced understanding of each language studied, and from that, a greater understanding of the broader functions of language. Additionally, a unit focusing on English grammar and usage prepares students for the grammatical understanding of English necessary for studying world languages effectively in an American context.

#### **BARD064 Spanish 9**

#### **BARD065 Spanish 10, Part I**

#### **BARD066 Spanish 10, Part II**

This introductory sequence in the Spanish language presents the foundational skills of listening, speaking, reading, and writing, within a context of the cultural diversity of the Spanish-speaking world. Students learn fundamental grammatical structures and vocabulary, but they also explore how Spanish is distinctive as a language, and as a cultural phenomenon. Excerpts from Spanish music, film, and literature are used as real-life examples in experiencing Spanish. As the sequence progresses, students are exposed to a broader scope of uses and applications of the language, and they develop the ability to use Spanish with greater independence in more natural settings.

#### **BARD067 Chinese 9**

#### **BARD068 Chinese 10, Part I**

#### **BARD069 Chinese 10, Part II**

This introductory sequence in the Chinese language presents the foundational skills of listening, speaking, reading, and writing, within a context of the cultural diversity of the Chinese-speaking world. Students learn fundamental grammatical structures and vocabulary, but they also explore how Chinese is distinctive as a language, and as a cultural phenomenon. In addition to textbook materials, the course is supplemented with real-life examples from Chinese cultural artifacts. As the sequence progresses, students expand their range of vocabulary and structures, with the goal of using Chinese to accomplish everyday tasks in real-life settings.

**BARD091 Introduction to Arts I**

**BARD092 Introduction to Arts II**

In this two-semester sequence, modular in nature, students experience a wide variety of art forms, including visual arts, theater, dance, and/or music. Students are encouraged to explore these different forms of artistic expression, and in the process discover commonalities and variations. These explorations prepare students to select one or more art forms to study in greater depth the following year.

**BARD093 Studio Art**

This course is an introduction to the basics and principles of color theory in practical usage. It will focus on the physics and applications of color in the visual art and design worlds. Students will explore the history, scientific background, emotional effects, and power of color and its presence in our and other cultures.

**BARD094 Dance**

The goal of this course is to introduce you to the history of dance from folk/vernacular dance to the concert stage. As a class we will explore movement from the early 1900's to present. This course is a mixture of lecture, discussion, and movement workshops. Students will engage in challenging movement workshops consisting of dynamic variation, improvisation, and spatial awareness. Students will learn how to express their social and psychological development through the arts.

**BARD104 Health 9, Part I**

**BARD105 Health 9, Part II**

**BARD106 Health 10, Part I**

**BARD107 Health 10, Part II**

In this four-semester sequence, students will gain the knowledge of concepts and skills that will allow them to develop a physically, socially, and emotionally healthy lifestyle. In Health 9, concepts students analyze include: the impact of nutrients on their bodies, the process of developing and achieving goals, the mechanics behind the skeletal and muscular systems, as well as other topics in health. Students will have the opportunity to use interactive learning to understand these concepts. In Health 10, students present injury and First Aid prevention projects, research the history of their community as it relates to community awareness, and take a deeper look at anatomy and physiology through selected body systems.

**BARD108 Physical Education 9, Part I**

**BARD109 Physical Education 9, Part II**

**BARD110 Physical Education 10, Part I**

**BARD111 Physical Education 10, Part II**

This four-semester sequence is designed to assist students in acquiring the knowledge, skills, confidence, and appreciation necessary for leading physically active and healthy lifestyles. Students will learn the advantages of dynamic warm-ups and how it prepares them for activity, they will continue to develop sport-related skills, and they will record and analyze their personal level of fitness as it relates to the health-related fitness components. Written work connects the physical components to conceptual understandings of fitness.

**MATENZO Math Enrichment**

In this course, students work on the math skills that will serve them in their science courses. Teachers use data to assess any knowledge gaps and tailor their instruction to maximize student

achievement. Teachers use whole group lessons, Khan Academy assignments, and individualized support to help 9th and 10th grade students gain the practice they need to fully engage in both their science and math courses.

### **ENGENZ1 English Enrichment**

In this course, teachers support students with reading and writing skills, as well as time management, citations, vocabulary support, and other literacy gaps impeding students' ability to fully succeed in their Humanities courses. The teachers use data to assess the needs of each section and tailor the lessons to maximize student achievement.

## **Course Descriptions for Core & Elective Offerings, College Year 1 & Year 2**

### **BAR005/SEM101N Year 1 Seminar I**

This course interrogates the origins of civilization in the Mediterranean region by exploring a wide variety of primary sources from the Mesopotamian, Egyptian, Greco-Roman, Judeo-Christian, and Islamic cultures. Drawn from antiquity through the 15<sup>th</sup> century, the course materials encompass a wide variety of media, including fragmented and intact written texts; architectural structures, sculptures, paintings, and other visual representations; musical selections; and recited sacred and secular texts. Writing-intensive in nature, this course helps students discover what they themselves think about the materials and situate their views in relation to those of their classmates. The key skills for this course are developing critical reading skills, including the “reading” of non-textual materials, and expressing ideas gained from such reading in oral and written forms.

### **BAR006/SEM102N Year 1 Seminar II**

This course centers on changes in the nature of knowledge and knowing, as various revolutions—the Scientific Revolution, political revolutions (American, French, and others), the Industrial Revolution—swept the world. Initially centered in Europe, the geographic range expands into the New World as the notion of Western civilization changes with the colonization of the Western Hemisphere. Drawn from the 16<sup>th</sup> century through the mid-19<sup>th</sup> century, course materials present the theories of the era and their manifestations in a wide range of forms, including poetry, drama, autobiography, and the novel; sacred hymns and secular opera; and paintings, photographs, and other forms of visual expression. Students also investigate critical secondary articles in conjunction with the primary sources. Building upon Year 1 Seminar I, students in this writing-intensive course work to raise their skills of critical reading, thinking, writing, and discussion to greater levels of complexity and sophistication.

### **BAR007/SEM201N Year 2 Seminar I**

This course explores the development of key ideas central to the way we think about modernity. It focuses on the ways in which a diverse range of 19<sup>th</sup>- and early 20<sup>th</sup>-century thinkers both shaped and challenged the shape of the emerging modern world. Through rigorous study of evocative novels and works of political, social and psychoanalytic theory, the seminar asks students to think and write critically about concepts that have revolutionized the world in the last 150 years and continue to provide the framework for vital contemporary debates. In a time when diasporas blur boundaries in national identity, this course expands from earlier geographic notions of Western civilization toward a more global, international outlook. Through intensive

reading of primary materials, in conjunction with related readings in secondary sources, students learn to read sources critically at varying speeds, in relation to their intended purposes for the materials. In doing so, students raise their skills of critical thinking to ever higher levels.

### **BARD008/SEM202N Year 2 Seminar II**

In this course, students explore the contemporary culture of uncertainty through an exploration of twentieth century texts in diverse disciplines, culminating in a research and writing project inquiring deeply into the controversial ideas of one contemporary writer. By the early twentieth century, increasing awareness of the limitations of human knowledge complicated the nineteenth-century conceptions of, and faith in, science and progress. The twentieth century's global wars, genocidal destruction, threats of nuclear annihilation and environmental degradation, mass population displacements and increasing globalization have turned modernism's skepticism into postmodern uncertainty. Developments and discoveries in the physical sciences—and in Quantum Theory, in particular—upset the standard conception of the universe as knowable, revealing instead a world dominated by chance and complexity. Through intensive critical reading, thinking, and writing, students are encouraged to discover how principles of uncertainty can facilitate thinking about the complex, global world of our new century and their place in it.

### **BARD021/MATH109N College Algebra**

College algebra enables students to polish their algebra skills in order to study more advanced math; the course also serves students who intend to focus on areas outside of mathematics and the sciences in their college studies. The algebraic tools studied include those required for precalculus and calculus, as well as for the study of probability, statistics, computer science, and other quantitative fields. Students learn about graphs, polynomials, rational functions, exponential functions and logarithmic functions.

### **BARD022/MATH110N Pre-Calculus**

This course focuses on the study of the function concept and the major function classes. Among the classes that will be considered are the polynomial functions, the rational functions, the exponential and logarithmic functions, and the trigonometric functions and their inverses. This course is recommended for anyone who is seriously considering continuing on in mathematics or in the sciences in their college careers.

### **BARD023/MATH141N Calculus I**

### **BARD024/MATH142N Calculus II**

This two-semester sequence focuses on the major elements of calculus. The first semester centers on functions, graphs, and limits. The concept of the derivative is also central to the course, including the derivative at a point, and the derivative as a function. The second semester includes interpretation and properties of definite integrals, the fundamental theorem of calculus, and applications of differentiation.

### **BARD028/MATH101N College Topics in Mathematics II**

This course will contain two portions: the first third of our time will focus on rudimentary but mathematically vital concepts of functions, patterns, and number operations. The last two thirds will be a less encumbered exploration of applications of math in everyday life and a conceptual exploration of calculus. Throughout, the course will emphasize life-long mathematical skills: an ability to use math to model and solve real-world problems, construct viable arguments & critique the reasoning of others, and persevere in solving challenging problems.

**BAR033/BIO101N Biology I****BAR034/BIO102N Biology II**

This two-semester sequence investigates the fundamentals of living systems. Through lectures and laboratory investigations we will explore the structure and function of the cell and the biological macromolecules that build it up and investigate biological systems of two Kingdoms of life: plants and animals. In the first semester, we will also look at key chemical reactions that keep the cell alive and help it carry out its duties, and we will study how single cells function together to build up multicellular organisms as complex as humans. In the second semester, students examine the anatomy and physiology of major plant and animal groups, paying particular attention to mechanisms of reproduction, growth and development. Students become familiar with methods of taxonomy and phylogenetic analysis and engage fundamental principles of evolution including mechanisms of genetic variation and inheritance, population dynamics, extinction and the origin of species.

**BAR035/CHEM141N/CHEM141 Chemistry I****BAR036/CHEM142N/CHEM142 Chemistry II**

This two-semester sequence introduces students to the general principles of chemistry. The courses are designed to provide a solid base in general chemistry as well as to demonstrate applications in related fields. The classes and discussions are intended to provide students with the basic principles and theories of general chemistry. Concurrently, the laboratory, multiple sessions in length, will develop the practical aspects of chemistry by introducing fundamental laboratory techniques and emphasizing the core chemical principles studied in class.

**BAR037/PHYS141N/PHYS101 Physics I****BAR038/PHYS142N/PHYS102 Physics II**

This two-semester sequence introduces the general principles of physics, presenting both a historical perspective and modern applications of these principles. Both concepts and problem solving are emphasized and the importance of experimental physics is demonstrated in the laboratory. The fall semester focuses on mechanisms; the spring semester focuses on electricity and magnetism. Topics include linear and rotational motion, Newton's laws of motion, conservation of energy, momentum, thermodynamics, harmonic motion, wave motion, light, sound, electricity, magnetism, and an introduction to modern physics. Selected topics are studied via multiple session laboratory experiments.

**BAR062 Financial Literacy**

Students will develop and maintain the knowledge required for financial literacy in; money management, career planning, time management, credit management, banking and investments, student loans and saving. Financial success begins with good career planning, goal setting, and understanding income sources and taxes.

**BAR073/SPAN101N/SPAN101 Beginning Spanish I**

This course introduces students to the basics of Spanish pronunciation and grammar through both conversational and written exercises. In addition to exploring the Spanish language, students will also gain a deeper understanding of English grammar, and grammar and language more broadly, through this course. Aspects of Spanish culture are also explored. The content coverage is similar to that in the three-semester sequence of Spanish 9, 10/I, and 10/II, but at the

more rapid pace expected of college-level introductory language study.

### **BARD073/SPAN101 Intensive Beginning Spanish**

An intensive beginners language class designed to develop basic communication skills in Spanish, while at the same time promoting cultural awareness and intercultural competence. The course aims to provide a partially immersive experience through the use of authentic cultural materials (short films, literature, music, art, media articles, etc.) and real life communicative situations. This is a hands-on course where you will be exposed to a variety of cultural materials and everyday life situations in the Spanish-speaking world that will allow you to put the language into practice, promoting communicative competence in the four language skills: listening, speaking, reading, and writing.

### **BARD074/SPAN102N/SPAN102 Beginning Spanish II**

### **BARD075/SPAN201N/SPAN201 Intermediate Spanish I**

### **BARD076/SPAN202N/SPAN202 Intermediate Spanish II**

This sequence in high beginning and intermediate Spanish grammar, composition and conversation aims to solidify students' command of grammar and increase their fluency in spoken and written Spanish. Students at all points in the sequence are also introduced to the analysis of literary and non-literary texts, cinema and other cultural artifacts. Various text and media sources, including literature, film, music, and popular culture, are used to access contemporary topics in Hispanic culture and to foster conversation and composition writing. Students will participate in class discussions in Spanish, complete grammar exercises, and write compositions of progressive length and complexity.

### **BARD079/CHI101N/CHIN101 Beginning Chinese I**

This course introduces students to the basics of Chinese pronunciation, grammar, and character writing through both conversational and written exercises. In addition to exploring the Chinese language, students will also gain a deeper understanding of English grammar, and grammar and language more broadly, through this course. Aspects of Chinese culture are also explored. The content coverage is similar to that in the three-semester sequence of Chinese 9, 10/I, and 10/II, but at the more rapid pace expected of college-level introductory language study.

### **BARD080/CHI102N/CHIN102 Beginning Chinese II**

### **BARD081/CHI201N/CHIN201 Intermediate Chinese I**

### **BARD082/CHI202N/CHIN202 Intermediate Chinese II**

This sequence in high beginning and intermediate Chinese grammar, composition and conversation aims to solidify students' command of grammar and increase their fluency in spoken and written Chinese. The reading and writing focuses on traditional Chinese characters, with increasing attention over time to simplified forms as well. Students at all points in the sequence are introduced to various authentic texts and artifacts. Various text and media sources, including literature, film, music, and popular culture, are used to access contemporary topics from throughout the Chinese-speaking world. The cultural activities also foster conversation and composition writing and grammar practice. Students will participate in class discussions in Chinese, complete grammar exercises, and write compositions of progressive length and complexity.

### **BARD083/CHI201 College Advanced Chinese**

Advanced Chinese is a continuation from Intermediate Chinese and will cover the following: 1) review two contemporary Chinese television shows. 2) Keep up and discuss current events from



Mainland China as well as international events from the Chinese and American mindsets. 3) Have a fundamental understanding of Tang dynasty poetry as well as elementary classical Chinese texts. 4) Be able to read and discuss short essays by contemporary novelists, such as Lu Xun (鲁迅), Lao She (老舍), Mao Dun (茅盾), Qian Zhongshu (钱钟书), and others. A scrutiny of these subjects and each's associated vocabulary, sentence structures, and cultural backgrounds will further enhance students' listening, comprehension, and ability to interact with modern Chinese society. An additional focus will be on listening and comprehension in preparation for the HSK (汉语水平考试) or the Standardized Chinese Proficiency Exam, with an aim of level 4 and 5 out of 6.

### **BARD098 College Studio Art: Color Theory, Painting & Drawing**

Modeled on an art school foundation program, this course enables students to develop basic skills in drawing, painting, and design. Students meet in the studio each week to explore various media and develop an understanding of the principles of representation and of abstract composition. Emphasis is on observation and self-expression. No previous art experience is required. Students may earn credit for this course more than once.

### **BARD101 College World Dance**

This course is an Intermediate/Advanced Modern dance class. This class will prepare BHSEC students with the tools and movement skills to enter into a B.A. or B.F.A. program in dance post-graduation. Students will engage in several different somatic practices to increase body awareness. This course will focus on spatial awareness, poly-rhythms, modern dance technique, and basic composition. All students are required to wear appropriate dance clothing during this course (sweats, shorts, leggings, etc).

### **BARD115 College Personal Health**

College Personal Health will discuss consumer health advocacy, dealing with finding and purchasing products that are useful and beneficial to your health. We will discuss the life cycle, with subjects covering growth and development. Finally, we will learn and discuss different types of communicable and non-communicable diseases. If time is allotted, we may cover some driver's education materials.

### **BARD118 College Personal Fitness**

College Personal Fitness will help students develop understanding of planning and constructing a personalized fitness plan. Students will participate in cardiovascular endurance, muscular endurance, muscular strength, and flexibility workouts of the day.

### **BARD123/NDIV102N/LC111 College Experience/Research Workshop I**

### **BARD124/NDIV103N/LC112 College Experience/Research Workshop II**

In this two-semester sequence, students in the early college program investigate study skills essential to college success. They learn about the various aspects—intellectual, emotional, and financial—of adjusting to college life, in both residential and commuter settings. They also explore and practice the personal writing essential to successful applications for transfer admission and scholarships.

## Course Descriptions for Elective Offerings, College Year 1 & Year 2, 2011-2021

### **BARD009/LIT158N Literature of the Caribbean Diaspora**

In this writing-intensive course, we will explore literature of the Caribbean Diaspora, focusing on slave narratives, short stories, poetry, and fiction novels from the nineteenth century & twentieth centuries. The texts will cover parts of the Spanish, French, and English-Speaking Caribbean. A large number of Caribbean peoples have immigrated to parts of the U.S. and Europe so we will be reading narratives that explore those experiences as well. Some of the themes to be addressed are: slavery, colonialism, imperialism, “constructions” of identity (race, class, gender, sexuality, Nationality), language, migration, immigration, cultural survival, and “coming of age.”

### **BARD010/LIT157N Literature of Spain, Portugal, Brazil, Latin America**

This is a survey course that provides an introduction to the understanding and appreciation of literature written in Spanish and Portuguese. The course studies and discusses important texts in the Spanish, Latin American, Brazilian and Portuguese traditions, and focuses on refining intellectual skills through class discussions, oral presentations and the completion of research essays. The course is taught in English, and all the works are read in translation. However, students who wish to read the texts in the original are encouraged to consult this possibility with the teacher.

### **BARD012/LIT237N African-American Literature**

This writing-intensive course explores issues of identity, particularly constructions of race and gender, in African-American and Caribbean literature. The “Literature of Passing” to be addressed includes fictional and autobiographical texts that explore the lives and experiences of characters whose performance of race and/or gender runs contrary to the expectations of their surrounding society. The concepts of “racial passing” and “gender bending” as they pertain to Black History and Black Identity will be emphasized in texts that address the Harlem Renaissance, the Caribbean Imaginary, and Urban Multicultural U.S. Societies. Issues and theories to be addressed include: racism, sexism, the fluidity of categories of identity, colorism, homophobia, homosexuality, lesbianism, womanism, whiteness, black feminist thought, critical race theory, queer theory, Caribbean feminist thought, and multiculturalism. Some of the writers whose work we will be examining include: George Schuyler, James McBride, Nella Larsen, Michelle Cliff, Patricia Powell, and James Weldon Johnson.

### **BARD013/LIT112N Literature on Love**

This course studies love as it is portrayed in a variety of different texts and genres from an equally varied number of different eras and areas. Authors who will help shape our understanding of this most complex of human emotions may include Ovid, Aristophanes, Sappho, Virgil, Dante, Chaucer, Shakespeare, Jane Austen, Emily Bronte, Charles Dickens, James Joyce, and more. We will also examine the portrayal of love in other genres such as art, music and film.

### **BARD013/LIT118N Shakespeare**

This course will give students the necessary tools to examine, enjoy and appreciate the poetry and plays of Shakespeare. Students will consider his plays as both texts and as works intended for performance. Readings will include plays that are representative of the different genres Shakespeare practiced, comedy, tragedy, romance, and history. This course will provide students with the foundation for future explorations of Shakespeare’s works.

### **BARD013/ LIT 158 Caribbean Short Stories**

In this writing-intensive course, we will explore short stories by writers of the Caribbean Diaspora. The texts will cover parts of the Spanish, French, Dutch, and English-Speaking Caribbean. A large number of Caribbean peoples have immigrated to the U.S. and Europe so we will be reading narratives that explore immigrant experiences as well. Some of the themes to be addressed are: slavery, colonialism, imperialism, Post-colonialism, Creolization, “constructions” of identity (race, class, gender, sexuality, Nationality), language, migration, “colorism”, cultural survival, and “coming of age.”

### **BARD015/LIT149 Reading and Writing Poetry**

Students will explore poetry and poetics through many reading, writing, and performing assignments. Close attention will be paid to learning from our own work, learning from the work of our colleagues, and learning from the work of published poets. Readings will include the work of contemporary and traditional poets, especially as tools for increasing our understanding of the study, as well as the craft, of poetry. Assignments will include analytical responses to poetry, portfolios of our own work, responses to the work of our peers, and reflections on the art making process. No experience in writing poetry is required. Introduction to Creative Writing is recommended.

### **BARD013 Introduction to Creative Writing: Short Fiction**

This course is an introduction to writing short fiction. We will consider fundamental elements of fiction and the relationship between narrative structure, style, and content, exploring these elements in students’ own work and in weekly assigned readings in order to develop an understanding of the range of possibilities open to the fiction writer. Weekly readings and writing exercises are designed to encourage students to explore the material and styles that most interest them, and to push their fiction to a new level of craft, so that over the semester their writing becomes more clear, controlled, and absorbing. Additionally, students will have individual conferences with the instructor to discuss their progress and interests. Half of our class time will be spent discussing student work and half will be spent discussing syllabus readings.

### **BARD013 College Topics in Literature: Major Authors: James Baldwin and Maya Angelou**

In this course, we will explore a selection of work by two major American writers of the 20th century: James Baldwin and Maya Angelou. Both were of African descent and both were born in the 1920’s. James Baldwin and Maya Angelou were actually good friends. Their life experiences are intricately tied to their writings which address issues such as race, racism, segregation, whiteness, civil rights, activism, abuse, survival and the quest for acceptance, unity, and equality. These are all issues that continue to resonate with 21st America. By reading nonfiction essays, poems, short stories, a novel, and an autobiography, we will explore both writers’ perspectives on America’s history and struggles as well as their hopes for the future. The larger intent of the course is to move beyond an awareness of their creative & critical contributions. One of our “big questions” will be: to what extent are the ideas and messages of Maya Angelou & James Baldwin relevant & useful today?

**BARD013/ SST 140 The Ripe and the Rotten: Hope and Despair in Postcolonial African Fiction and Film**

In the mid-twentieth century most colonial regimes in Africa came crashing down and newly independent African nations were created. This class will explore the opportunities and challenges created by independence through the eyes of African novelists and filmmakers who lived through it. Major themes of the course include the continued neo-colonial exploitation of African nations by Western powers, the rise of dictatorships within newly independent African nations, the ways that ordinary Africans navigated the opportunities and challenges presented by changing political and economic landscapes, and the breakdown of some African nations into civil war.

**BARD015/HUM101N Topics in Humanities: The Cultures of China and Japan**

This course takes an interdisciplinary approach to the humanities through a focus on texts from China and Japan. Drawing from poetry, philosophy, religion, diaries, novels, short stories, plays, music, dance, film, and the visual arts, students will investigate selected cultural moments from both the traditional and modern periods. Students engage in close reading and textual analysis, culminating in two analytical papers on the common texts and a research paper and presentation on an individual topic chosen by each student. Students also have opportunities to create artistic works in some of the genres studied.

**BARD015/HUM103N Argumentation/Advocacy I**

In this course, students learn the basics of making a claim—the foundation of debate. They learn both the rhetorical techniques for expressing arguments, and also the techniques of research at the heart of preparation for debate. Research techniques are pursued in depth, and include the use of a variety of print and online resources and databases.

**BARD015/HUM117N Black Arts Movement**

This class is an introduction to the Black Arts Movement (1960-1975). The course will cover the historical framework of that time period, including the political landscape that affected African-Americans. We will investigate the artistic contributions to the Black Arts Movement in literature, music, dance, and visual arts.

**BARD015 Black Aesthetics in Mass Media**

This course will focus on Black culture, identity, and social mobilization throughout the 20th and 21st century. Students will gain knowledge of black cultural movements, explore current trends, and juxtapose our collective histories. As a collective we will discuss cultural appropriation, black feminism and masculinity, body image, and black characterization in the media. We will also examine the over sexualization of the black body in the 21st century, and the physical and psychological ramifications of these radical standards.

**BARD015/PS219N International Criminal Law**

This course will explore the modern history of global atrocities, and the subsequent creation and development of the international criminal legal system, namely the International Criminal Court, and other ad-hoc tribunals. We will begin by reading the relevant laws and statutes and acquiring some legal vocabulary. Then, we will explore the fundamental principles of criminal law and elements of international law, their international political implications, and their influence on the legitimacy and efficacy of the court itself. Last, we will apply this knowledge by interpreting varying situations (both historical and mock examples) according to the statutes, and the course

will then culminate in a cooperative moot court trial demonstration. This course will expand and advance one's logical thinking, argumentation and public speaking skills, and grades will be earned based on the student's class presentation, two quizzes, daily class participation and the final case presentation (written and trial performance).

**BARD015 College Topics in History: Hometown History: Newark from the Puritans to the Prudential Center**

Did you know that Newark, New Jersey is famous for all sorts of things? George Washington met with his soldiers here; internationally known jazz singer Sara Vaughn sang in the churches here; and the first American Cup soccer tournament took place here. Through archives, videos and music we will explore this great city of Newark, learning new stories and maybe "un-learning" a few we've been told in the past.

**BARD015 Urban History through Oral History**

Urban historians rely heavily on oral histories as primary sources in understanding the cities they study - and the people who inhabit them. Typically narratives by and about communities whose voices have been stifled throughout history, oral histories help construct knowledge of cities as they were while allowing us to consider why they might be as they are now. This class will research and listen to a number of oral history collections as well as review the scholarship on basic methods and practices in creating an oral history collection. The final project will entail a student run oral history initiative interviewing interested parents and guardians of BHSEC students. Questions will carry a particular focus of education in Newark then and now.

**BARD015/ ART 101 Chinese Calligraphy: Appreciation and Practice**

Chinese calligraphy is considered the foundation of all forms of Chinese fine art. Throughout Chinese history, scholars and officials have used brush and ink to write. The art of such writing is believed to convey the writer's personality and emotions. In this course, students will discuss the history and culture relevance of calligraphy. Students will also learn to distinguish the five styles of calligraphy, and use brush and ink to write Chinese characters.

**BARD015/FILM295 Topics in Humanities: Race and Gender in American Film**

This course will address issues of race and gender through the interrogation of films made in the United States. All kinds from all times. Cultural context will be a necessary component of our exploration and we will employ both scholarly and creative literature surrounding the times and places in question. This course will include writing assignments with several short responses and film reviews and one final research paper based upon the class readings and viewings. In addition, annotations will be required of all readings and viewings.

**BARD015/DAN125 Topics in Humanities: Yoga Philosophy**

This course will examine ancient text surrounding the eight limbs of yoga, and delve deeper into yoga as an ethical practice. We will read The Yamas & Niyamas, which is a guide based on restraint and observance in yogic practice. As a collective we will explore pranayama, asanas, anatomy, alignment, meditation (walking and seated), chakras (energy), and the lymphatic system. Students will be assigned two papers, five quizzes, and one movement practicum.

**BARD015/ FILM240 Chinese Film and Culture**

From world-renowned directors to little-known independent films, this class will invite students to explore contemporary Chinese films and analyze each representation of and influence on history, society, and popular culture.

### **BARD026/MATH125N Statistics**

This course offers an introduction to statistical methods for the collection, organization, analysis, and interpretation of numerical data. Topics include probability, binomial and normal distributions, sampling, hypothesis testing, confidence limits, regression and correlation, and introductory analysis of variance. The course prepares students to understand the applications of statistics in the social sciences and science research.

### **BARD027/CMSC101 Concepts of Computer Science**

In this course we will learn computer science concepts using the programming language Scratch. Scratch is a “drag and drop” visual programming system without as much dependence on typing or memorizing commands as other programming languages. We will cover the fundamental concepts of computer programming such as creating variables and sprites, repeating actions, multiple action paths, and creating reusable subprograms. These concepts will be learned by creating your own animations, interactive stories, and games. This course will be challenging but is intended for beginners. For those intending to major in computer science after BHSEC, this course may not satisfy your major requirements. However, in quarters 3 and 4 we will offer a more traditional introduction to computer science course intended for people who want to major in computer science.

### **BARD028/MATH131N Engineering**

Course description: This course provides an introduction to algebra-based physics. The topics covered will include: Engineering Design, Measurements, units and unit conversion, Working with vectors, Kinematics (study of motion), Dynamics (study of forces), and 2D Coordinate transformation. In order to be able to work with these concepts, the students are expected to have a good understanding of the following topics at the beginning of this course: Trigonometric functions, Graphs and inverses of trigonometric functions, and 2D and 3D coordinate geometry. Laboratory investigations will be used to stimulate student engagement with the physical world in a team based environment. Experimentation, making initial expectations and arguments, analyzing observations, problems solving, and presentation of these elements in an organized report, will be some of the skills exercised and sharpened in the Physics lab. Students will be expected to actively participate with other team members during all phases of each investigation and team members will be determined by the teacher.

### **BARD028/MATH102N Topics in Mathematics II**

This course will contain two portions: the first third of our time will focus on rudimentary but mathematically vital concepts of functions, patterns, and number operations. The last two thirds will be a less encumbered exploration of applications of math in everyday life and a conceptual exploration of calculus. Throughout, the course will emphasize life-long mathematical skills: an ability to use math to model and solve real-world problems, construct viable arguments & critique the reasoning of others, and persevere in solving challenging problems. In order to succeed in this course, students will need to work hard every day, and will need to be respectful.

### **BARD039/ENVS109N Environmental Science I**

Environmental Science is a college-level elective course that aims to explain the interactions between living beings and their environment. The course will have a special focus on current environmental problems, in particular how human population growth has impacted the environment, and explore potential solutions to these problems.

### **BARD039/NSCI122N Forensic Science**

This course focuses on the skills and concepts behind crime scene investigation and forensic science. It will survey key topics in forensic science, including the application of the scientific process to forensic analysis, procedures and principles of crime scene investigation, and physical and trace evidence. This course will help you hone your investigative skills and review a wide range of science concepts. This course will help you see how science is used to answer questions rather than just learning scientific concepts.

### **BARD039 College Health Sciences**

This course presents an introduction to key topics in health sciences, suitable both for students considering medical professions and for those who just want to better manage their own health. Overview of human body functions, including an introduction to anatomy and physiology topics, medical cases, and modern medical advances. This course aims at studying the essential wellness practices as they relate to current concepts of preventive medicine; investigates the latest scientific findings relevant to the major diseases and causes of premature death in the U.S.

### **BARD039/NSCI 107 Pre-Medical Pathology II**

Overview of human body functions, including an intro to anatomy and physiology topics, medical cases, and modern medical advances. This course aims at studying the essential wellness practices as they relate to current concepts of preventive medicine; investigates the latest scientific findings relevant to the major diseases and causes of premature death in the U.S. Topics include: Cell Adaptation, Neoplasia I, II, III, Biological Aging, Inflammation, Cell Injury and Repair. This class is the part two to Pre-Medical Pathology I. The basic concepts of biology are needed for this course. HS Biology (or College General Biology I) is the prerequisite to this class.

### **BARD039/ CHEM209 Organic Chemistry for Health**

This course is one semester survey of Organic Chemistry intended for students interested in careers in health science fields or natural science. Topics will include chemical structure, nomenclature, stereochemistry, functional groups, reactions and organic molecules of biological significance.

### **BARD039/ NSCI 200 Introduction to Scientific Research**

Students will be exposed to key components of the scientific research process in a guided, hands-on manner. Students will carry out a series of modules in different subject areas in science (e.g. Biology, Chemistry and Psychology). Students will utilize the C.R.E.A.T.E. method to digest and understand professional, scientific research articles. Students will design and run their own studies, analyze data, draw conclusions and propose follow-up studies.

### **BARD040/SCI103N Topics in Science II**

In these courses, students and faculty work together to explore current topics in science. Through a combination of reading-based work and experimentation, students develop their understandings of the chosen topics, and they link this work to their work from the basic science courses.

### **BARD 038/BIO160 Microbiology for Health Sciences**

Students will explore the microbial world, basic characteristics of fungi, algae, bacteria and viruses with a special emphasis on topics and applications that relate to humans using case

studies. This one semester course emphasizes the interrelationships between the microbial world and topics including human health, antibiotics and vaccines, industry, agriculture, genetic engineering, food production and global nutrient cycles. Students will be challenged to critically assess relevant topics at the intersection of microbiology and their daily lives.

#### **BARD 041/CHEM201 Organic Chemistry I w/lab**

This fundamentals of organic chemistry course will cover the naming, properties and reactions of hydrocarbons, and several of their functional groups, aromatic compounds, and some biological molecules. This course will be especially useful for students who are considering careers in nursing, medical, dental, veterinary, agricultural, nutritional and forensic science programs.

#### **BARD 041/BIO207 Bioethics**

This course will provide the opportunity for students to think on issues related to clinical dilemmas, societal empathy, laws and legal restrictions. Studies have shown that early exposure to these topics can help students to understand the ethical values and in this manner they can learn the norms of their profession focusing on scientific ethical issues of the past, and what we can learn from it. The objective is to address the importance and need of representation of minority leaders in healthcare and research management, in order for our patients and research participants of color to regain trust back into research studies

#### **BARD 041/BIO201 Medical Genetics**

Molecular biology and genetics have become critical components in the diagnosis and treatment of human disease. This course will cover our current understanding of human disease and the insights these disorders have revealed about genes, their inheritance and the critical biological processes altered through their aberrant expression. The course will discuss several topics associated with human disease. These include the following topics: Mendelian traits/disease and extensions of Mendelian inheritance, Multifactorial traits/disease, Pathogenesis and pathophysiology of the Mendelian and multi-factorial disease, Development and applications of animal models of human disease and Disease diagnostics and treatment strategies.

#### **BARD 041/PHYS149 Topics in Modern Physics**

This one semester lab course focuses on Modern physics. Topics include, optics, the electromagnetic spectrum, nuclear decay, radioactivity, nuclear physics, quantum physics and more. Students should be comfortable with trigonometric functions, algebra, and mathematical reasoning.

#### **BARD027/MATH101 Topics in Mathematics I**

This College algebra course enables students to polish their algebra skills in order to study more advanced math; the course also serves students who intend to focus on areas outside of mathematics and the sciences in their college studies. The algebraic tools studied include those required for precalculus and calculus, as well as for the study of probability, statistics, computer science, and other quantitative fields. Students learn about algebraic expressions, factoring, special products, rational expressions and functions, rational exponents, radical expressions,



operations with radicals, complex numbers, solving inequalities, and solving quadratic and polynomial functions.

### **BARD047/HIST118N U.S. History**

This undergraduate survey course focuses on recent US History from 1960 to 2010. Vietnam, The Civil Rights Movement, Watergate, the rise of conservatism as well as the great changes in culture and the role of the US in the world will be explored. Cultural shifts, the changing nature of work, technological change, and their effects on social institutions will also be studied. One highlight of the course will be to study recent American history through plays, music, and film. The course will also teach the fundamentals of historical research and writing, culminating in a project involving research and a paper/project on a topic of your choice. Social movements, (E.g., the women's rights movement, the civil rights movement, the gay rights movement, the labor and environmental movements) will be at center stage.

### **BARD047 U.S. History -- History of the Americas and Africa**

How did nigras, coloreds, and negroes become African Americans? This course examines the experiences and political thought of African Americans, beginning with their forced migration from Africa to the Americas. Because black nationalism has historically climaxed at moments of African American disillusionment, the socio-political inclusiveness of American society can be gauged by the extent of African Americans' real and imagined connection with Africa. Students will also be introduced to the experience of people of African descent in other parts of the Americas (i.e., Caribbean, Brazil, and Latin America). In their final paper/presentations, students will discuss the political philosophies of such black thinkers as Frederick Douglass, Edward Blyden, W.E.B. DuBois, Marcus Garvey, and Malcolm X Shabazz.

### **BARD049/HIST122N Africa in World History**

From the majestic and mysterious rise of the Great Pyramids at Giza to the horrifying genocides in Rwanda and Sudan, the continent of Africa remains, for many, an alien place that has the ability to inspire awe or fear. This course is designed to demystify the continent and to demonstrate roles that Africa and Africans have played in global history. It will briefly introduce students to the social, political, economic, and cultural changes in different regions, countries, and peoples across the continent from prehistory to the present – changes that occurred within the context of an emerging global society.

### **BARD049 College Africa in World History: The Atlantic Slave Trade and the African Diaspora**

This course traces the disturbing history of the enslavement and murder of tens of millions of Africans by European and American interests beginning in the fifteenth century and continuing for over 400 years up to the dawn of the twentieth century. Through a close analysis of primary and secondary texts, both nonfiction and fictional, the course begins with the processes of enslavement on the African continent, the impact of the slave trade on African societies, and the human toll of the slave trade. From there, we will examine the conditions of the "Middle Passage" as well as the varying conditions of enslavement in the Americas. Finally, the course will examine the African diaspora in the Americas and the legacies left behind by the cruelties of slavery and the resilience of African descended peoples.

### **BARD050/HIST136N History of East Asia**

In recent decades, China has become increasingly more important on a global scale, both economically and politically. These developments, however, have not come without a turbulent yet captivating history. This course will explore the birth and rise of modern China, beginning with the mid-19th century Opium Wars and concluding with the ongoing environmental and human rights issues that plague contemporary China. In particular, we will analyze the roles of revolution and both foreign and internal armed conflict in the shaping of modern China.

### **BARD051/HIST115N History of Africa and the Americas**

This course will trace the relationship between Africans and people of African descent in the Americas. Through this examination, students will learn about the impact that Africans had on the early development of the United States, Caribbean, and South America, as well as the roles that members of the African diaspora have played in the history of Africa.

### **BARD051/HIST190N Cold War Civil Rights**

From the 1943 Detroit race riots to the 1992 Los Angeles urban rebellion, this course examines the black freedom struggle in the United States. We will explore the arc of the domestic struggle from non-violent civil disobedience through the militant call for revolution. Specific focus is placed on the transnational nature of the movement, its impact on foreign policy, and the government's response – red-baiting to Law and Order politics -- within the Cold War context.

### **BARD051 Ancient Mesoamerica: From Olmecs to Aztecs**

Across the landscape that is now Mexico and Central America, ancient civilizations such as the Olmecs, Maya, and Aztecs built towering pyramids and cities and founded dynasties thousands of years before the arrival of Europeans. In this class, you will learn about the advancements of these diverse civilizations in art, literature, astronomy, and politics. You will also learn about the legacy left by these cultures on today's modern peoples of Latin America.

### **BARD051 History of Technology in America**

This course focuses on the nature and consequences of technological change and innovation in American history. Technologies are more than an object with an electrical plug. From the creative destruction of the introduction of the automobile and the suburb, to the ephemeral snapchat, the discourses of technology run in tandem with a narrative of progress: The newer model is just around the corner and it will solve our problems. What are the social and cultural sources of this narrative, how are its environmental and social costs assessed, and does this narrative of progress hold up under historical scrutiny? This faith in and fear of technology pervades historical and contemporary America. Technologies alter the cultural and physical landscape and our understandings of labour, leisure, ownership, invention, and learning. This course is an inquiry into how and why. From the factory model of production, to toilets, to the amusement park, to the toaster, to the camera, to the world wide web and a networked world, to video games and beyond, this course will study effects and causes internal to this complex narrative. This is a reading and writing intensive course and will result in the production of an original historical research project.

### **BARD051/ HR 136 Introduction to Human Trafficking and Modern Day Slavery**

The course is designed to introduce students to the background and dynamics of the global issue of Human Trafficking and Modern Day Slavery and its historic and current linkages with human and labor exploitation, race and gender, power, international business, illicit trade, migration movements, technology and the policies and actions to fight this crime and violation of human rights. Students will get acquainted with the fundamentals of this phenomenon such as historical narrative, international regulations and policies, types and forms, understanding of differences between smuggling and trafficking, complexities of business supply chains, root causes and cultural differences, and their interrelationship with push and pull factors (e.g. the role of cultural, economic and political environments or natural and man-made disasters).

### **BARD053/PS102N Political Science**

What is politics? What is power? What is political science? This undergraduate course is an introduction to political science with a focus on its four cognates: Political Theory, American Government, Comparative Politics, and International Relations. The course will give you a solid grounding in key texts, concepts, as well as facility in research and writing in political studies. The course has a laboratory component.

### **BARD054/SOC101N Sociology**

Sociologists examine how social structures and arrangements shape human experience. They also examine how people create order and conflict. This introduction to sociology offers students foundational understandings of basic sociological approaches (including terminology, theory, and methods) that sociologists use to understand social order, social conflict, and social change. Key elements emphasized are social structure, institutions and roles; culture; sex and gender; social class and stratification; social change; theory; methodology; race and/or ethnicity and socialization.

### **BARD056/HUM103 Public Argumentation, Persuasion, and Advocacy: Policies and Values in Conflict**

This course will focus on the analysis of controversial issues and the art and science of public debate and public speaking. Students in this class will research, write, and debate questions of policy and of value. This course runs in tandem with the activities and competition schedule of the BHSEC Speech and Debate Society. Students will engage in significant and deep research and craft speeches for the public. The course will conclude with a speaker series wherein students will participate in a debate and give persuasive speeches for audiences. The course is open to novice and advanced speakers and debaters and students interested in debate and public speaking.

### **BARD058 College Philosophy: Individualism and its Discontents**

This class will ask: What is Individuality? What role does Individualism play in the history of ideas and in philosophy? How might we understand the formation of the self? Where do moral and ethical views on authenticity, failure, experimentation, originality, integrity, happiness, ‘self-help’, regret, disgust, and personal growth fail us and guide us in answering these questions? In what ways do social institutions, norms, and communities form and shape our understandings of ourselves and others? How do ideologies of domination; (Racism, Sexism, and Capitalism) frame and shape our views of what it means to be human? To ground our inquiry, this class will center on Friedrich Nietzsche and John Stuart Mill and their respective

positions on individuality. Other theorists include James Baldwin, Iris Murdoch, Audre Lorde, bell hooks, Christopher Lebron, Emerson, Montaigne, Gertrude Stein, Angela Davis, William James, as well as work by poets, musicians, painters, and filmmakers.

### **BARD059/PSY103N Psychology**

The first image that comes to many peoples' mind when you say Psychology is a therapist asking a client to sit on his couch and tell him about his mother. While Psychology is "the scientific study of human behavior and mental processes" (Myers, 2008), this course will demonstrate that psychology is much more than therapy and psychosis. Psychology includes a number of subfields including developmental, biological, cognitive, and social (to name a few). This course will be a survey of each subfield's perspectives on the rich and diverse determinates of human behavior. While both breadth and depth of each discipline will be visited, the focus will be on breadth with an emphasis on critical thought and application.

### **BARD056/HUM116N Topics in Social Science I: Sustainability Through the Arts**

The Sustainability through the Arts elective course combines social science with the visual arts to explore the themes of sustaining the environment, education, health and wellness, community, and identity. Through the reading of articles on each of these themes, the students apply their acquired knowledge to class discussion, informal and formal writing, assessments, and their own projects. They are led through the creative process to explore and express chosen themes of Sustainability Through the Arts in both written and artistic forms.

### **BARD056/ART111N Arts in Gardens**

Combining cross curricular efforts, Arts in Gardens explores botany, garden design, and plant and wild life. Drawing and water color painting will be the visual arts approaches used in environment observation and documentation of the planning and planting process. Students will engage in garden work, field trips, and projects. The following topics in botany and gardening are discussed: plant systematics, introduction to soil science, flowers and society, and basic principles of garden design.

### **BARD056/HUM131N Linguistics: Language and Mind**

This Course explores major sub-fields of Linguistics: Morphology, Syntax and Sociolinguistics. Other fields such as Language Acquisition and Historical Linguistics will also be discussed. Universal Grammar by Noam Chomsky and his Minimalist Program is the blueprint that underlines all our theoretical backgrounds. Students will learn principles of analyzing word formation patterns (Morphology) and those of phrasal and sentence construction (Syntax). Language Variations and the features of AAVE will be investigated systematically. Data is drawn mainly from English and for problem solving students will analyze languages from indigenous, European, African and Asian languages in addition to English. Students will learn how to do linguistics research independently. Topics from gender, case and number agreements to word order change provide case study opportunities for students in preparation for E-portfolio presentation.

### **BARD077/SPAN301 Advanced Spanish I**

### **BARD078/SPAN302 Advanced Spanish II**

This course is designed to develop oral communication, written grammar skills and reading strategies by providing abundant opportunities to read and talk about a variety of authentic text

types, such as newspapers, magazine and internet articles, and brief literary selections. The topics presented will serve to build a strong base of vocabulary in Spanish as well as to integrate the reading skill with additional practice in the four modes of writing, speaking, and listening comprehension. The information presented in the readings will offer a thorough familiarization with the cultures of the Spanish-speaking world. In accordance with the departmental philosophy of offering immersion instruction from the elementary level onwards, this class will be conducted exclusively in Spanish. Therefore, active involvement, attendance and participation in class are essential to your successful completion of this course.

#### **BARD083/CHIN301N Advanced Chinese I**

#### **BARD084/CHIN302N Advanced Chinese II**

This sequence in advanced Chinese grammar, composition and conversation aims to solidify students' command of grammar and increase their fluency in spoken and written Chinese. The reading and writing focuses on traditional Chinese characters, with increasing attention over time to simplified forms as well. Students at all points in the sequence are introduced to various authentic texts and artifacts. Various text and media sources, including literature, film, music, and popular culture, are used to access contemporary topics from throughout the Chinese-speaking world. The cultural activities also foster conversation and composition writing and grammar practice. Students will participate in class discussions in Chinese, complete grammar exercises, and write compositions of progressive length and complexity.

#### **BARD098/ART104N Multi-Media Journaling**

This interdisciplinary course incorporates the development of artistic and communication skills through the exploration of drawing, writing, sound and digital video. The students will pick a theme or topic and explore how it relates to their own lives throughout the semester in their sketchbooks, journals and on digital recording devices. In the telling of their own experiences through a combination of these formats, students will strengthen their respective communication and storytelling abilities while focusing on one subject matter, ultimately creating four parts and developing them into a final project presented in a digital portfolio.

#### **BARD099/THTH104N Theater**

In the first part of the course, students explore character, action, motivation, movement, and voice—all of the basic elements of acting for the stage. By creating their own work, as well as presenting scenes written by others, they explore the theater as a creative space. Acting work is supplemented by readings from the modern stage. The second part of the course, students create a workshop production, from the first read-through to the final performance. Productions can draw from existing material, or can be developed collectively by the students. Students can participate in both on-stage and behind-the-scenes roles.

#### **BARD100/ DAN 215 Intermediate-Advanced Modern Dance**

Intermediate-Advanced Modern dance will provide BHSEC students with the tools and movement skills to enter into a B.A. or B.F.A. program in dance post-graduation. This course is centered on building bodily strength, mobility, and expressivity. Students will engage in several different somatic practices to increase body awareness. This course will focus on improvisation, spatial awareness, timing, musicality, partnering, composition, and contact improvisation. Students will learn advanced movement repertory from the instructor. Class time will focus on developing a full-length work for presentation. This course is designed for students who have taken CWD with the instructor.

### **BARD101/DAN220N World Dance**

In this course, students explore elements of dance. Through experimentation with movement, they increase their awareness of their bodies in motion. This semester will be centered on using several somatic practices in order to develop a process for autobiographical art-making through dance. The course will focus on lived experience through discussion, writing, film, visual art, movement, improvisation, and music. This course will cover using the body as history to create art. We will examine interdisciplinary methods for creating dance and telling our stories, through performance art, time based art, dance film, and improvisation.

### **BARD100/DAN130 Choreography & Performance**

This course explores the intersection of choreography and performance through the creation and presentation of new work(s). Students will be given the opportunity to expand and refine their personal movement vocabulary (creative voice) through exploring opportunities for movement creation and dance composition, and to develop/hone performance skills for the proscenium and non-conventional stage. Students will engage a plethora of inspirations, approaches, processes, strategies, tools and methods for identifying and accessing research and source materials for dance making, and developing those materials into choreographed works. Through experiential practice, sharings, readings, writings, discussion, students will invest in the ongoing work that is the heart of dance making. The course will culminate in an end of year performance where each student will present a finished dance work

### **BARD103/MUS127N Instrumental Music I**

In this course, students develop skills in understanding instrumental music in a variety of genres. Students build their skills in reading and sight-reading musical notation. Elements of music theory are also introduced. Historical perspectives on instrumental music are investigated through research projects.

### **BARD010/HIST110 History of Modern Latin America**

From the barrios of Cali, Colombia to the plazas of Buenos Aires, from the megacities of Ciudad de México and São Paulo to the fields of *caña* in Cuba, this course will examine the experiences of the people who live and inhabit these places and spaces in modern Latin America, and who also make history. Far too often students will solely focus on major events, wars, and conflict from the point of view of the elite, those in power, or the victors who literally wrote down their version of history for posterity. This course seeks to reclaim the history of modern Latin America for those who resisted, suffered, and lost. This course explores modern Latin American history (from Age of Independence until the present) using a variety of historical documents, texts, music, visuals, and literature in which marginalized people and the disenfranchised occupy an important space of representation. Therefore, consider this course as the “people’s history” of modern Latin America.

### **BARD028/CMSC101 Introduction to Computer Science- Python programming language**

Computer Science is the study of how computers work and to instruct computers to work for us. In this course, students will learn the major components of computer programming, as well as some fundamentals of computer graphics and game design. The course uses a version of the

Python programming language and custom graphics program built by Carnegie Mellon University. Some algebra skills are needed but no prior programming skills are needed. This course will utilize the CMU CS1 curriculum. The first half of the course focuses on computer based graphics and drawing, and the second half focuses on using more advanced computer science ideas to solve problems and create interactive programs.

**BARD054/SOC130 “Still I Rise’: Women’s and Gender Studies (Prof. Puicon)** Using Maya Angelou’s famous poem as the anchor for the course, we will examine the history of women and gender in the Americas, focusing on peace and justice movements, activism, and protest. In addition, we will examine how gender figures into the national question surrounding women, sexuality, masculinity, and motherhood. Some of the different instances/moments/countries we will examine include: water movement in Bolivia, *Madres y Abuelas de la plaza de Mayo* in Argentina, masculinity during military juntas in the Americas, sexuality and salsa music in Colombia, Puerto Rico, and New York City, human rights in Chile, Guatemala, Peru, and El Salvador, sex trafficking in the Caribbean, and the #metoo movement in the United States.

#### **BARD012/LIT114 Afrofuturism and Science Fiction**

Afrofuturism combines African mythology and traditions, science fiction, and history in order to celebrate black identity and innovation while imagining the future through a black lens. This course examines Afrofuturism through the lens of literature while putting those texts in conversation with music, art, film, fashion, and comic books. Students will explore the relationships between these texts and other issues such as race, gender, slavery, technology, and sexuality.

#### **BARD049/HIST216 LGBTQAfrica**

In this course students will engage with the suppressed history of gay, lesbian, bisexual, transgender, and questioning communities in Africa. The course begins by examining the myth of “heterosexual Africa” and investigating the role of white American missionaries in creating this myth. Most of the class, however, is dedicated to examining the life histories of LGBTQ Africans in print and in film, understanding the challenges they face to be themselves, and celebrating love of all kinds. This course blends scholarly literature and theory with intimate life histories and films by African directors.

#### **BARD013/WRIT102 Composition and Writing**

This course will enable students to become more confident and proficient in writing college-level essays, developing a thesis and argument, and finding your "voice" in academic writing. Students will learn how to write for typical assignments in various fields (social sciences, business, sciences); strategies for generating ideas and overcoming writer's block; constructing effective arguments; critical thinking; grammar; MLA and APA citation; and research and revision skills.

### **BARD056/HIST220 Ancient Mesoamerica: from Olmecs to Aztecs**

Across the landscape that is now Mexico and Central America, ancient civilizations such as the Olmecs, Maya, and Aztecs founded dynasties, built towering pyramids, created beautiful art and literature, and made stunning achievements in mathematics and astronomy. In this course, students will learn about these advanced civilizations and the legacies they left in modern Latin America.

### **BARD055/ANTH101 Introduction to Anthropology**

Anthropology is the study of what makes us human. This course will provide students with opportunities to explore if what we know about the world and how we behave in it is shaped by our extraordinarily diverse cultures. Students will learn how anthropologists understand culture, and how culture shapes every aspect of human lives, including language, sexuality, religion, and more. In the process, students will appreciate how our own familiar culture may seem suddenly strange, while strange cultures will grow more familiar.

### **BARD015/LIT 114 Film Genres and Major Themes**

This course is intended to provide students with the tools of critical film study through the analysis of the crime film genre. Students will develop the habits of critical viewing--including close reading, sound and image analysis, theoretical and historical analysis--that form the foundation of film studies. In seminar style discussion and written critique, students will practice the vocabulary of film studies, engage in close readings of scenes, and make detailed investigations that offer claims about both form and content. The focus of this course will be crime film, giving students an opportunity to explore the film industry and audience's fascination with criminal acts and those who police them.

### **BARD056/ANTH120 Ancient Maya Writing**

The Ancient Maya of Mexico and Central America, best known for their spectacular pyramid temples and advanced astronomy, had a political system full of wars, alliances, betrayals, and intrigue. They are also known for developing the most complex native writing system in the Americas. In this course, students will learn to read Maya hieroglyphic writing in order to learn what Maya kings and queens had to say about their own history.

### **BARD009/LIT 113 Magical Realism in West African Fiction**

This course is intended to provide students "Magical realism", a genre of writing popularized by Latin American authors in the 1950s. Students will be exploring this important genre of African literature that has allowed African authors to blend folktales, religion, and oral tradition with changing historical circumstances. Toni Morrison's *Beloved* is one famous example. In this class, students will read magical realist novels by West African authors and analyze the significance of blending the impossible with the real. Students will read *The Palm Wine Drinkard* by Amos Tutuola, *The Famished Road* by Ben Okri, and possibly *Search Sweet Country* by Kojo Laing.

### **BARD005/HUM101 Humanity and Responsibility**

Ever since the start of the coronavirus pandemic, we have all been forced to think about our



humanity and our responsibilities, on an individual scale (avoiding older relatives with health issues, so we don't risk infecting them) and on a worldwide scale (our actions within society can obviously affect other societies around the globe). In this course, we will reflect upon many of the themes that you have encountered in Y1 and Y2 Seminars, using Shakespeare's *Hamlet* as the primary text. Shakespeare's tragedy of family rivalry and revenge touches upon meaningful ideas such as what it means to be human; our responsibility to our fellow humans, our leaders, and ourselves; the pursuit of knowledge; the plaintiff's relationship to the law and courts; revenge as a form of justice; love, power, madness, and more. We will consider how these timeless themes relate to our contemporary lives. This course will be writing intensive, with daily writing in class, as well as weekly essays. Because it will be conducted remotely, it will require at least one live synchronous meeting per week, as well as optional ones with the professor. Most of the work will take place asynchronously, and utilize Google Classroom, Remind, Flipgrid, and likely other web-based tools.

### **SS62311/LIT206 Women and Gender Studies**

The history of women in literature is incredibly rich and varied, and the aim for this course is to use the texts to reflect that history. Students will be looking at literature, poetry, theory and film produced by women that will encompass a wide variety of cultures and their attendant contexts including: intersectionality, socio-economic status, public and professional life, sex and gender roles, and political and literary representation. Literatures assigned will work alongside the three "waves" of feminism, as well as a frank discussion about the changing roles of women in a global environment and current perceptions of feminism.

### **BARD026/MATH 125 Introduction to Probability and its real life applications**

This course will provide students with a basic and intuitive introduction to probability and its practical applications. Students will learn how to apply the Probability Theory in different scenarios by developing a "toolbox" of methods to help them better assess risks and uncertainties that they face. The topics covered in this course will include: "Probability", "Conditional Probability", "Random Variables", and "Normal Distribution".

### **BARD027/CMSC101 Introduction to Computer Science: Drawing and Animation**

This course introduces the use of computer programming for creating and displaying a wide variety of objects, patterns, and digital images. Students will have an opportunity to let their creativity shine while learning to use a programming language to write algorithms that represent and render two-dimensional geometrical objects. In addition to applied geometry, coordinate transformations and basic animation this course will cover fundamental programming topics such as functions, logic, loops, arrays, and object-oriented design.

### **BARD033/NSCI107 Pre-Medical Pathology**

Overview of human body functions, including an intro to anatomy and physiology topics, medical cases, and modern medical advances. This course aims at studying the essential wellness practices as they relate to current concepts of preventive medicine; investigates the latest

scientific findings relevant to the major diseases and causes of premature death in the U.S.

### **BARD 037/PHYS111 The Science of Cooking**

This course is designed for students to realize that the best place to practice the scientific method is in fact the kitchen. We will be exploring several techniques, topics, methods, and of course cuisines to help fully understand this incredibly useful life skill. Students will learn why thermodynamics is just as, if not more important in the kitchen than the laboratory. Students will be able to follow along with lectures, readings, and videos of some experiments that will be able to be tasted. Borrowing heavily from Alton Brown and J. Kenji Lopez-Alt, we will explore some of our favorite cooking myths. Topics covered included, the importance of temperature, baking, sauteing, proper preparation, and how to properly prepare healthy, delicious meals with just enough science to be able to reproduce these recipes on your own.

### **SS62311/HIST130 Introduction to the Black Power Movement**

This course examines the history, ideology, and impact of the Black Power Movement. This movement began in the aftermath of the Civil Rights' victories of the 1950s and 60s and in response to the assassination of national leaders like Martin Luther King, Malcolm X, and John F. Kennedy. We will begin by examining the origins and meaning of the term "Black Power." We will then examine Black Power in context by looking at organizations like SNCC and the Black Panther Power and the way their ideologies engage with discourses on race, gender, and class. Finally, the course will assess the impact of the Black Power Movement on American culture. By the end of the course students will understand the roots, legacies, and controversies of this important movement.

### **BARD 059/PSY103 Introduction to Psychology**

The course is designed to be an introduction to the science and profession of psychology. The course will assist the student in the development of a foundation of basic knowledge in order to pursue further studies in specific areas of psychology. The course will survey introductory topics such as learning, memory, sensation and perception, personality, lifespan development, physiological basis of behavior, stress and health, psychological disorders, social psychology, and research methods.

### **BARD 013/LIT118 Introduction to poetry and plays of Shakespeare**

This course will give students the necessary tools to examine, enjoy and appreciate the poetry and plays of Shakespeare. The course will consider his plays as both texts and as works intended for performance. Course readings will include plays that are representative of the different genres Shakespeare practiced, comedy, tragedy, romance, and history. Therefore, the course will examine together such plays as *A Midsummer Night's Dream*, *King Lear*, *The Winter's Tale* and *Henry V*. This course will provide students with the foundation for future explorations of Shakespeare's works.

### **BARD 050/LIT141 Women and Gender in Indian Literature**

Curious about women and women's issues in India? This course will provide you with an exciting introduction to gender in South Asian literature. The course will be looking at texts stretching from the Mahabharata to modern Mumbai, and discussing how women's issues have changed and evolved over India's timeline. To achieve this, the course will focus on a multimodal curriculum that allows women from numerous backgrounds to be heard in multiple ways, including poetry, autobiography and film. This course will discuss pre-colonial, colonial and postcolonial women's voices, as well as how the Raj impacted female expression. But students will also look at the ways in which India's women are working to achieve an egalitarian existence in a consistently patriarchal culture.

### **BARD049/HIST1XX A Survey of Urban Africa in the Colonial Period**

Using historical and anthropological accounts as well as fiction and film students will examine case studies of several major African cities. Topics such as urbanization, labor history and labor migration, religious history, and social history will be covered. Finally, the course will examine the lives of ordinary people and how they took advantage of the opportunities presented by urban living while also struggling against colonial rule.

### **BARD013/LIT1XX Banned Books**

We will read a number of important works of literature that have been challenged or banned in parts of the U.S.. The works we may read together – works like Harper Lee's *To Kill a Mockingbird*, Marjane Satrapi's *Persepolis*, J.D. Salinger's *The Catcher in the Rye*, Alice Walker's *The Color Purple*, J.K. Rowling's *Harry Potter and the Sorcerer's Stone*, and others – are admired by many as important, influential, and essential reading; for others, these same works are inappropriate, offensive, subversive, and dangerous. What is it about these texts that scares or angers some audiences? How do we reconcile America's dedication to the freedom of expression and its urge to censor valuable works of literature?