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American Hebrew Academy
Course Catalog
2011-2012
5771-5772

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Graduation Requirements

100 credits, meeting minimum requirements from each academic area

Academic Area	9th	10th	***11th	12th	Cumulative Total of Minimum Credits
English	3	3	2	3	11
Math	3	3	2	3	11 Math must be taken each year & Students must take 1 math beyond Algebra II (Alg.I, Geom.,Alg.II + 1)
Science	3	3	2	*	8 Including Physics I, Chemistry I and Biology I
History	3	3	2	**	8 (Includes 3 credits of non-US based and 3 credits of US based coursework)
Judaic Studies	6	6	4	6	22 Students entering as juniors or seniors must work with Dept. Chair to take courses to insure minimum competency
Hebrew	3	3	**2		8 Students must take 3 years of the same foreign language AND Students must complete through Hebrew III OR Students at Hebrew level IV proficiency may take an alternate foreign language or continue studying Hebrew
Health/Fitness	4 Wellness I + 1 sport	4 Wellness II + 1 sport	2 2 sports <u>or</u> 1 sport & 1 sports training	2 2 sports <u>or</u> 1 sport & 1 sports training	12 Wellness I+1 sport for 9 th Wellness II+1 sport for 10 th ----- 2 sports <u>or</u> 1 sport & 1 sports training for 11 th /12 th
Fine Arts Electives	1 per year	1 per year	1 per year	1 per year	4 1 Arts credit per year and: At least 1 in PA At least 1 in VA PA=Performing Arts VA=Visual Arts
Academic Electives					11 Academic Electives include AP Sciences, Adv.History, Arts, IT, Spanish, Jewish Studies, Leadership, and production electives (yearbook, literary magazine, journalism, etc.), and any academic credits beyond those required.
IT	1 IT Orientation must be taken during first term of the first year at the Academy				1 IT (Orientation)
Synagogue Skills	1	1	1	1	4 At Level IV proficiency, students may elect to take alternate Jewish Studies courses
Totals Minimum Credits to move to next grade CORE ELECTIVES	25-31 22 5	25-31 22 5	15-25 14 5	16-31 19 8	100 Minimum credits

* Science in the senior year is **strongly recommended**.

** Advanced Constitutional History OR Advanced History Seminar in the senior year is **strongly recommended** for students who anticipate study in the social sciences or humanities.

*** Junior Fall Term at Alexander Muss High School in Israel (AMHSI) credits are awarded by AMHSI and are NOT included in the American Hebrew Academy tally.
Students entering in 10th, 11th, or 12th must earn prorated credits towards graduation and should verify with Dept. Chairs or Academic Dean.

English

English 9

Course Number: 0010100

Credit Code: E

English 9 introduces students to literature from different parts of the world. The class will explore how cultural, societal, and historical influences coalesce in the formation of a literary work. In addition, English 9 will provide a thorough background in English grammar and composition. Students will explore writing as a means of achieving understanding of themselves as well as a literary text. Types of writing will include journaling, free writing, personal essays, the research process, and creative writing. Also, students will find many opportunities for the mastery of public speaking—improvisation, lectures, and formal speeches.

English 10

Course Number: 0010200

Credit Code: E

English 10 continues the multi-cultural, multi-genre study of literature begun in the ninth grade. The course will expose students to a variety of viewpoints from various time periods and life experiences. Sophomores will further their study of composition, refining and practicing various essay types: critical analysis; process analysis; the personal essay; and the research paper. The main goal of the reading and writing assignments is to use an integrated approach using issues and topics arising from class discussions, which are then applied to student essays and oral presentations.

English 11

Course Number: 0010300

Credit Code: E

English 11 addresses a chronological study of American literature from the Colonial period to Post-Modern times. The course will examine the literary treatment of the individual and society, as these themes apply in each era, and will introduce various schools of literary criticism as a means of coming to terms with the evolution of what came to be distinctly American literature. Students will perform analysis, research, and give dramatic readings, while gaining insight into the similarities and differences of literature in the United States from its inception to the present.

*Advanced Placement English 11 Language and Composition

Course Number: 0010301

Credit Code: E

Advanced Placement English Language and Composition prepares students to read and analyze non-fiction prose written in differing literary periods and with a variety of rhetorical intentions. The course encourages students to become skilled writers themselves by fostering an awareness of authorial intent, subject matter, and audience as a way of understanding complexity in the writing of others. A student should emerge from this course with a heightened sense of the literary tools one uses to produce a clear and engaging writing style.

**This course is awarded 1 additional quality point in the calculation of GPAs.*

English 12

Course Number: 0010400

Credit Code: E

Prerequisite: Departmental Placement. Senior English: College Readiness a college-preparatory class that individualizes student writing, reading, and speaking experiences through intensive teacher-student and class-collaborative activities. Students in SECR will master expository, personal, and analytical essays and will learn basic research techniques preparing them for introductory college composition courses. In addition, SECR students will read various novels, plays, short stories, and poems from selected literary periods.

***English 12: Special Topics**

Course Number: 0010401

Credit Code: E

Prerequisite: Departmental Placement. English 12: Special Topics is a college-preparatory course designed to provide students with guidance in reading critically and improving written expression. Each trimester will feature readings in a distinct instructor-generated theme which will allow a variety and a depth of literary investigation, as well as encouraging inter-textual and contextual connections. Students will learn library and online research techniques that will enable them to complete an extended project tailored to their interests. In addition to writing personal, expository, and analytical essays, ST students will also participate in various public-speaking activities.

**This course is awarded 1 additional quality point in the calculation of GPAs.*

***Advanced Placement English 12 Literature and Composition**

Course Number: 0010500

Credit Code: E

Prerequisite: Admission to this course by test and portfolio. Advanced Placement English Literature and Composition engages students in the careful reading and critical analysis of novels, plays, and poetry. As a college-level course, it moves at a rapid pace, and the texts studied contain adult topics and themes. Through the close reading of selected texts, students will deepen their understanding of the ways writers use language to convey meaning. Toward that end, students will consider a work's structure, style, and themes and such elements as the use of figurative language, imagery, symbolism, and tone. Writing assignments will focus on the critical analysis of literature and primarily include expository and analytical essays. While the AP Literature and Composition course officially culminates with the AP exam in May, students also gain valuable experience with literature and writing that will encourage a life-long practice of engaged reading and eloquent writing.

**This course is awarded 1 additional quality point in the calculation of GPAs.*

ESOL English (English for Speakers of Second Languages)

Course Code: 0010001

Credit Code: E

ESOL English is offered to international students new to the Academy as non-native English speakers as an alternative to the regular English class in order to support students through the integration into the academic community and especially as English students. This course replaces English 9,10, or 11 during the first term (or beyond) as needed for students specifically identified with high need for additional transitional time for academic work in the English language. Students taking ESOL English are assigned to ESOL elective after the first term to support the student in English language across all academic areas.

ESOL Elective (English for Speakers of Second Languages)

Course Code: 0010001

Credit Code: AE

This course is designed to support students for whom English is their second or third language by providing strategies for succeeding in other academic classes, by offering individual tutorial sessions with an ESOL instructor and by offering additional preview and review opportunities along with English language mastery techniques.

Mathematics

Algebra I

Course Code: 0020100

Credit Code: M

For students who have not yet taken Algebra I, this course serves as the foundation for all future math courses. Students build on their understanding of real numbers by learning or reviewing order of operations and evaluating expressions. They solve all manner of linear equations and inequalities and then learn how to graph them, as well as graphing systems of linear equations and inequalities. Students are introduced to polynomials and the various operations with polynomials, including factoring and graphing of polynomials. The course includes an introduction to working with radicals. Throughout the course students use appropriate technology as a resource as well as to enhance their learning. Various projects allow students to see practical applications of the skills they are learning.

Geometry

Course Code: 0020500

Credit Code: M

Prerequisite(s): Algebra I

Students start the Geometry course by observing geometric designs in art and nature. They move on to learning and working with the many geometry terms related to angles, polygons, triangles, quadrilaterals, and circles. Students learn constructions using a compass and straightedge as well as working extensively with Geometer's Sketchpad, a helpful software program. In this course we also cover properties of polygons and circles as well as finding the area and volume of various geometric figures. Students learn how to develop two-column proofs. A unit on similarity as well as trigonometric ratios is included. Throughout the course there are reviews of Algebra I concepts so that students are well-prepared for Algebra II.

Algebra II A

Course Code: 0020210

Credit Code: M

Prerequisite(s): Algebra I and Geometry

Algebra II concentrates on solving, graphing, and modeling equations and inequalities, and absolute value equations and inequalities. This class covers linear, quadratic, polynomial, rational and radical functions. Students are introduced to matrices, permutations, and combinations. The TI-83/84 calculator will be used appropriately throughout the course, including helping students solve real-world problems.

Algebra II AB

Course Code: 0020200

Credit Code: M

Prerequisite(s): A grade of 90 or better in both Algebra I and Geometry

Algebra II AB concentrates on solving, graphing, and modeling equations and inequalities, with attention to linear, quadratic, polynomial, rational, radical, and exponential functions. Further studies include matrices, systems of equations, logarithms, probability, permutations, combinations, sequences and series. Real world applications are emphasized with the goals of increasing comfort with word problems and of teaching students to translate stories into mathematical abstractions. This course requires strong arithmetic and Algebra 1 skills, as well as the ability to develop understanding independently. The graphing calculator is used to enhance comprehension of the connections between algebraic and graphical representations.

Pre-Calculus A

Course Code: 0020300

Credit Code: M

Prerequisite(s): Algebra II

Pre-Calculus A concentrates on functions that will be presented verbally, algebraically, numerically, and graphically. This class expands to cover specific functions including linear, quadratic, polynomial, and power functions, as well as rational equations and inequalities. Emphasis will be placed on exponential, logistic, logarithmic, and parametric equations, along with trigonometry. These studies will help answer real world questions such as: How much money must be invested to save for retirement? How are mortgage and loan payments calculated? How is harmonic motion calculated? Further studies include sequences and series, such as the Fibonacci series. The TI-83/84 calculator will be used throughout the course.

***Pre-Calculus AB**

Course Code: 0020400

Credit Code: M

Prerequisite(s): A grade of 85 or higher in Algebra II AB

Pre-Calculus AB is designed to prepare students for the study of Calculus or other advanced math courses. Functions are a unifying theme of the course and students will work with a variety of functions, including – but not limited to – polynomial, power, rational, exponential, logarithmic, trigonometric, inverse trigonometric, absolute value, step, and piecewise defined functions. Students will work with functions represented graphically, algebraically, numerically, and verbally and will transition between these representations. Additional topics include parametric equations, polar coordinates, analytic trigonometry, complex numbers, DeMoivre's Theorem. The TI-83/84 graphing calculator is used throughout the course.

**This course is awarded 1 additional quality point in the calculation of GPAs.*

Mathematical Modeling and Statistics

Course Code: 0020604

Credit Code: M

Prerequisite(s): Algebra II and must be a senior

Mathematical Modeling & Statistics focuses on the application of mathematics to real-life, contemporary issues. Topics will include understanding consumer finance, performing basic statistical analyses, creating mathematical models to analyze data and solve real problems, and using technology effectively. Students will learn the mathematical tools necessary to make meaningful assessments, judgments and recommendations regarding quantitative information. The culminating assignment for each unit will aid students in developing professional writing and oral presentation skills.

***Calculus**

Course Code: 0020601

Credit Code: M

Prerequisite(s): Precalculus AB

This course covers the topics of the College Board AP Calculus AB outline, but at a slower pace than the AP Calculus AB course. While the course covers all topics on the AP course outline, the level of depth and rigor may be slightly different from that experienced in the AP Calculus AB course. The TI-83/84 graphing calculator is used throughout the course. Students in this course may opt to take the AP Calculus AB exam in the spring.

**This course is awarded 1 additional quality point in the calculation of GPAs.*

***Advanced Placement Calculus AB**

Course Code: 0020342

Credit Code: M

Prerequisite(s): Precalculus AB with a grade of 85 or higher

AP Calculus AB covers all the material in the College Board designated course of the same name, including limits, derivatives, definite integrals, and indefinite integrals. The course employs a balanced approach, developing students' fluency with symbolic manipulation while also demanding that students apply the new concepts they have learned to various applied and/or theoretical situations. A particular emphasis is placed on working with functions represented graphically, algebraically, numerically, and verbally and with transitioning between these representations. The TI-83/84 graphing calculator is used throughout the course. Students enrolled in this course are expected to sit for the AP Calculus AB exam in the spring.

**This course is awarded 1 additional quality point in the calculation of GPAs.*

***Advanced Placement Calculus BC**

Course Code: 0020603

Credit Code: M

Prerequisite(s): AP Calculus AB or Calculus with a grade of 80 or higher

AP Calculus BC is the highest level of calculus course offered at the Academy. It covers all the topics given in the College Board syllabus and a few additional topics are added to prepare students for Calculus III at the University level. Problem solving is the main focus of this course and theory is used to strengthen a student's understanding of the material. Emphasis is placed on working with functions represented graphically, algebraically, numerically, and verbally and with transitioning between these representations. The TI-83/84 graphing calculator is used throughout the course. Students must have successfully completed Calculus to enroll in this course.

**This course is awarded 1 additional quality point in the calculation of GPAs.*

***Advanced Placement Statistics**

Course Code: 0020700

Credit Code: M

Prerequisite(s): Precalculus AB

This course follows the AP Statistics curriculum published each year by the College Board. There are four main areas of focus: Exploring Data (describing patterns and departures from patterns), Sampling and Experimentation (planning and conducting a study), Anticipating Patterns (exploring random phenomena using probability and experimentation), and Statistical Inference (estimating population parameters and testing hypotheses). Students will use TI-83/84 graphing calculators and computers on a regular basis throughout the course.

**This course is awarded 1 additional quality point in the calculation of GPAs.*

***Advanced Placement Computer Science**

Course Code: 0020101

Credit Code: M

Prerequisite(s): Algebra II

Computer science is the discipline from which we derive the underlying concepts of how software programs operate. This course focuses on skills associated with best practices in modern software design and implementation (such as Object Oriented Programming), and provides the student with a set of tools and solutions to classical programming problems that may be generalized to solve any class of computing problems. The Java™ programming language is taught.

**This course is awarded 1 additional quality point in the calculation of GPAs.*

Term Long Elective

Math Challenge: Non-routine Problems

Course Code: 0020901 Credit Code: M

This course is designed to help students who aspire to be “out of the box” thinkers. Emphasis will be on problem solving using unconventional methods. The course will be taught on topics that are often seen in math contests. Students are expected to be fluent in basic arithmetic skills in order to focus on problem solving. Students are expected to take part in various math contests organized by math department. The course is open to students at all grade levels.

Science

Biology I

Course Code: 0040200

Credit Code: SCI

The content of Introductory Biology is designed to foster biological literacy, prepare students for success in their future scientific endeavors, and investigate current biological research and development. Selected topics include human biology, animal kingdom biodiversity, the nature of biology, biochemistry, genetics, cellular structure and function, cellular mechanisms, ecology, and evolution. Throughout the year, where appropriate, ecological themes will thread together topics. This course comprises a blend of reading, writing, and laboratory explorations utilizing individual and cooperative learning, creativity, problem solving, analytical skills, and scientific reasoning to explore the most essential questions in biology: what is the chemical and physical basis for life and its maintenance, how do organisms use genetic information, what are the diverse forms that life on earth takes and how has that diversity arisen, and how do organisms interact with each other and with their environment. ***This course is a prerequisite for AP Biology and AP Environmental Science.***

*Advanced Placement Biology

Course Code: 0040201

Credit Code: AE

Prerequisites: Average of 90 in both Introductory Biology and Introductory Chemistry AB, 1 science teacher recommendation, and by instructor permission. The Advanced Placement Biology course is designed to correspond with the AP Biology curriculum as presented by the College Board, and prepares students for the AP Biology exam in the spring. The AP Biology curriculum consists of 25% molecules and cells, 25% heredity and evolution and 50% organisms and populations. There are 12 required AP Biology labs performed along with a wide array of other experimental investigations. AP Biology is challenging, fast-paced and experiential. Relevant application topics in science are discussed and current laboratory skills are enhanced.

**This course is awarded 1 additional quality point in the calculation of GPAs.*

Chemistry A

Course Code: 0040301

Credit Code: SCI

This course highlights the fundamental concepts in high school chemistry: Matter and Measurement, Atoms: the Building Blocks of Matter, Arrangement of Electrons in Atoms, The Periodic Law, Chemical Bonding, Chemical Formulas and Compounds, Chemical Equations and Reactions, Stoichiometry, Physical Characteristics of Solids, Liquids, and Gases, Gas Laws, Solutions, Acid-Base Chemistry, Chemical Equilibrium, Oxidation-Reduction Reactions, Reaction Kinetics and Nuclear Chemistry. Students will be involved in learning these fundamental concepts and in applying these concepts to real-world applications. This course is not designed for students interested in pursuing a science major in college. Students must seek the chemistry teacher's approval before signing up for the course. ***This course is not intended to prepare students for the rigorous material studied in AP Chemistry.***

Chemistry AB

Course Code: 0040300

Credit Code: SCI

Prerequisite: Concurrent enrollment in Algebra II. This course is designed for students who desire a more in-depth look into the study of chemistry and chemical analysis: Matter and Measurement, Atoms: the Building Blocks of Matter, Arrangement of Electrons in Atoms, The Periodic Law, Chemical Bonding, Chemical Formulas and Compounds, Chemical Equations and Reactions, Stoichiometry, Physical Characteristics of Solids, Liquids, and Gases, Gas Laws, Solutions, Acid-Base Chemistry, Chemical Equilibrium, Oxidation-Reduction Reactions, Reaction Kinetics and Nuclear Chemistry. Chemical analysis is an essential component of comprehending and applying chemical theories to the atomic world around us. Therefore, it is essential for all students to have a strong knowledge of algebraic math in order to excel in this course. This course follows a challenging course of study and is listed as a college-prep chemistry class. All students interested in pursuing a science career including those related to medicine are encouraged to take this course. ***This course is a prerequisite for AP***

Chemistry, AP Biology, and AP Environmental Science.

***Advanced Placement Chemistry**

Course Code: 0040600

Credit Code: AE

Prerequisites: An average of 90 in Introductory Chemistry AB, 1 science teacher recommendation, and by instructor permission. This course is designed for students who are interested in furthering their studies in chemistry by exploring topics such as reaction stoichiometry, advanced chemical reactions, thermochemistry, kinetics, electrochemistry, chemical equilibrium, and acid-base equilibria. It is essential that students understand that this course adheres to a challenging syllabus which requires a lot of time commitment outside of the normal allotted class. This course follows the curriculum standards designed by the College Board. All students taking this course must have successfully completed the first year of chemistry.

**This course is awarded 1 additional quality point in the calculation of GPAs.*

***Advanced Placement Environmental Science**

Course Code: 0040101

Credit Code: AE

Prerequisites: An average of 90 in Introductory Chemistry AB and Introductory Biology, 1 science teacher recommendation, and by instructor permission. The Advanced Placement Environmental Science course is designed to correspond with the AP Environmental Science curriculum as presented by the College Board, and prepares students for the AP Environmental Science exam in the spring. The AP Environmental Science curriculum consists of interdependence of earth's systems, human population dynamics, ownership, use, and degradation of renewable and nonrenewable resources, environmental quality, global changes and their consequences, and trade-offs and decision making engulfing environment and society. The course stresses balance in nature since a balanced system is sustainable and survives, while unbalanced systems deteriorate and collapse. The goal of the course is to provide students with scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze natural and human-made environmental problems, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. This seminar course is experiential and interdisciplinary interweaving unifying themes: science as a process, energy conversions underlying environmental problems, Earth as an interconnected system, human alteration of natural systems, cultural and social contexts underlying environmental problems, and sustainable development as a means to human survival. ***In addition to laboratory investigations, students enrolled in this course are expected to consistently engage critical reading, writing, and thinking.***

**This course is awarded 1 additional quality point in the calculation of GPAs.*

Introductory Physics A

Course Code: 0040401

Credit Code: SCI

Prerequisite: Concurrent enrollment in Algebra I or Geometry. Emphasis in this course will be placed on learning fundamentals of scientific investigation such as experimental design, measurement, graphical analysis of data, and communication of results. Students will work in collaborative groups while learning about motion, forces, energy, momentum, and electric circuits. ***This course is not intended to prepare students for AP Physics B.***

Introductory Physics AB

Course Code: 0040400

Credit Code: SCI

Prerequisite: Concurrent enrollment in Algebra II. Students will learn how to conduct scientific investigations while learning fundamental concepts in physics. In studying motion, forces, energy, momentum, and fluid mechanics or electric circuits, an emphasis will be placed problem solving using Algebra. ***Recommendation: It is strongly encouraged that all students enrolled in this course have a strong math background. Keeping mathematical skills current will be essential to problem-solving in this course. This course is a prerequisite for AP Physics B.***

*Advanced Physics

Course Code: 0040402

Credit Code: SCI/AE

Prerequisite: Physics A or AB and completion of Algebra II. Advanced physics is a course designed for a student enrolled in an advanced level math course or someone taking a second physics course. The course is fast paced and aims to cover all branches of introductory physics-thus preparing a student to take the SAT II physics exam. A typical student enrolled in this course is expected to be self-motivated.

**This course is awarded 1 additional quality point in the calculation of GPAs.*

*Advanced Placement Physics B

Course Code: 0040500

Credit Code: AE

Prerequisites: An average of 90 in Introductory Physics AB, 1 science teacher recommendation, and by instructor permission. After successfully completing Physics AB or Advanced Physics, students may continue their study of physics in AP Physics B. Students will conduct investigations in mechanics, optics, fluid statics and dynamics, electricity and magnetism, and modern physics. After completing the cycle of Introductory Physics (A/AB and/or Advanced Physics) and AP Physics B students will be prepared for the AP Physics B Advanced Placement exam as presented by the College Board in the spring.

**This course is awarded 1 additional quality point in the calculation of GPAs.*

Science Research Internship

Course Code: 0040900

Credit Code: AE

Prerequisites: Averages of 90 in Introductory Physics AB/Advanced Physics, Introductory Chemistry AB, and Introductory Biology or a strong science instructor recommendation. *Space in this course is limited - determined by internship placements available in a given year. Priority will be given to students with a stated interest in a science or premed major at university and an application may be required.* This course is designed to provide senior science students the opportunity to learn and practice current research techniques as well as to study in-depth and participate in the support of the work done in a university research lab. Students will partner with a researcher at the University of North Carolina at Greensboro in either the Biology or Chemistry/Biochemistry Departments, study the researcher's area of investigation, learn practical lab skills, serve an internship of 40 hours working in the lab during the Winter Term, and present a poster/progress report of the researchers investigations in a Spring Science Seminar. ***This course may be co-requisite with other AP science courses.***

Term long electives

Astrophysics

Course Code: 0040801

Credit Code: AE

This course will introduce several basic concepts of Astrophysics such as 1) History of the Universe, 2) Electromagnetic Radiation and 3) Stellar Astrophysics (classification, (structure and evolution of stars, high energy and low energy objects in the universe....). Some of the topics used for class discussion are Newton's law of universal gravitation, Kepler's laws of planetary motion, Doppler effect, Rutherford-Bohr's model of the atom, Kirchoff's rules of spectral analysis, Maxwell's theory of electromagnetic waves, Planck's formula of a photon energy, blackbody radiation theory, nuclear fission and fusion, Einstein's theory of relativity, and inverse square law for light luminosity. The most important aspect of this course is that it will provide opportunity for students to investigate topics of interest, to develop critical thinking and communication skills and to get a feeling of not only being a student, but a scientist and a teacher at the same time.

Energy

Course Code: 0040802

Credit Code: AE

This course is designed to 1) study the two major forms energies, renewable and nonrenewable, and 2) to use economics and common sense to decide on alternate energy sources. Examples of energy topics are solar, wind, geothermal, biomass (biological), hydropower and ocean for renewable source of energy and fossil fuels (chemical) and nuclear for nonrenewable sources. The most important aspect of this course is that it will provide opportunity for students to investigate topics of interest, to develop critical thinking and communication skills and to get a feeling of not only being a student, but a scientist and a teacher at the same time.

Plant Biology

Course Code: 0040803

Credit Code: AE

This course provides an introduction to the study of plants. Combining hands-on learning and classroom lecture, the course focuses on the plant kingdom while exploring themes related to ecology, evolution, and genetics. The first few weeks touch on basic concepts of plant biology. The remainder of the course follows the evolutionary history of plants starting from plants' conquest of land to the diversification of flowering plants. Throughout the trimester, students have the opportunity to grow their own plants and maintain the botany lab. While a familiarity with general biology is encouraged, all students are welcome to enroll in Plant Biology.

Science and Society

Course Code: 0040804

Credit Code: AE

Science and Society covers the interplay between science and the general public it serves. Political, ethical, and other social dimensions of the biological sciences are discussed through the examination of historical cases and thinkers from all ends of the political spectrum. Close examination of developments in the biological sciences can lead to questions about the social influences shaping scientists' work or its application. Topics include evolution and natural selection; heredity, development and genetic determinism; biotechnology and reproductive interventions. Participants are invited to address the course material on a number of levels: as an opportunity to learn the science and interpretive approaches; as an opportunity to learn about issues relevant to modern biological research; and as an opportunity to further develop critical thinking.

Social Studies

World History (Required Freshmen Course)

Course Code: 0050100

Credit Code: S

This course is divided chronologically into four sections: Origins to End of Antiquity (1000 BCE-CE 500); Middle Ages (500-1500); and Foundations of the Modern Era (1500-1850) and the Modern Era (1850-present). Because of the scope and span of the course, selected political, social and economic themes and cross-cultural comparisons are emphasized. The World History course also provides the context necessary for succeeding history courses. To better integrate with the sophomore level course, World History places less emphasis on European History in the course's last two sections.

European History (Required Sophomore Course)

Course Code: 0050200

Credit Code: S

This course is divided chronologically into three sections: Renaissance to Early Modern Era (1350-1650); Rise of European Dominance (1650-1850); and Apex to New World Order (1850-1990s). The course focuses on how European cultures developed to where they provided an important reference point for world events during the early modern and modern eras. The course is taught at the level of a college freshman survey course.

Enrollment in this course alone is insufficient to adequately prepare students for the Advanced Placement (AP) European History examination. Students who wish, therefore, to sit for the AP examination may choose to register for the separate AP enrichment elective(s) conducted during the school year.

United States History (Required Junior Course)

Course Code: 0050300

Credit Code: S

Students enrolled in the United States History course learn both the knowledge and the analytical skills necessary to foster a critical understanding of the nation's history from the eve of the European encounter to the modern age. While a chronological approach is important, students also are afforded the opportunity to study selected topics in greater detail. The course is taught at the level of a college freshman survey course.

Enrollment in this course alone is insufficient for the Advanced Placement (AP) United States History examination. Students who wish, therefore, to sit for the AP examination may choose to register for the separate AP enrichment elective(s) conducted during the school year.

***Advanced Constitutional History (Senior Elective)**

Course Code: 0050401

Credit Code: AE

Prerequisites: US History and permission of the instructor. The course in Constitutional History will cover the history behind the development and maturation of the United States Constitution. From the beginnings of American Constitutionalism in British history to modern Supreme Court cases governing scientific and biological behavior, this course will examine the continuous progression and reinterpretation of the Constitution throughout its relatively long history as a governing document. Not only will students study the specific document, but, they will become familiar with the specific social, political, scientific/technological, cultural and economic conditions surrounding the significant changes in Constitutional interpretation. Students will write a full length term paper on the judicial biography of a past supreme court justice. The text used in this course is *A March of Liberty: A Constitutional History of the United States* by Melvin I. Urofsky and Paul Finkelman. This is the standard text used in the equivalent course in most colleges and universities.

**This course is awarded 1 additional quality point in the calculation of GPAs.*

***Advanced Seminar in Historical Research and Writing
(Senior Elective)**

Course Code: 0050500

Credit Code:

AE

Prerequisites: US History and permission of the instructor. The Seminar in Historical Research and Writing is designed for seniors who have completed their required course of study in the social studies department and desire further, in-depth study in the discipline. The course emphasizes research using online primary sources available at the Library of Congress American Memory website with the goal of writing a substantial thesis paper of approximately 4,000 words. Students also are introduced to the resources available at a university library by visiting UNCG's Jackson Library, where they have book checkout privileges. The course begins in the fall term with a look at modern history and current events and includes readings in a variety of sources. The bulk of the research and writing is conducted in the winter term. Students spend considerable class time learning the mechanics of research and the construction of an extended paper as well as conducting the actual research. An introduction to western philosophy rounds out the spring term. Enrollment in all three terms is required.

**This course is awarded 1 additional quality point in the calculation of GPAs.*

***AP Psychology**

Course Code: 0050701

Credit Code:

AE

Prerequisites: Minimum average of 90 in prior math and science courses or permission of the instructor. This course covers the standard AP Psychology curriculum prescribed by the College Board in preparation for the national AP examination. The class utilizes lecture, group discussions, videos, demonstrations, computer simulations, group exercises and student projects. Understanding of a wide range of psychological phenomena and concepts is emphasized beyond simple memorization of facts. The main topics to be covered are the history of psychology, research methods, and basic statistical concepts, the neurological foundations of behavior, learning, memory, language, thinking, intelligence, development, motivation, emotion, social psychology, personality, psychopathology, and psychotherapy.

**This course is awarded 1 additional quality point in the calculation of GPAs.*

***Fundamentals of Economics (Senior Elective)**

Course Code: 0050600

Credit Code:

AE

Prerequisites: US History and permission of the instructor. Students enrolled in Principles of Economics will learn basic concepts of economics that will be used to explore microeconomics and then to introduce macroeconomics. In addition to utilizing an introductory college textbook, students will also read histories in areas of finance and economic development and follow contemporary economic issues as reported in the news media. This yearlong course is modeled on a single-semester, freshman-level college principles course. The main text is Paul Krugman, Robin Wells, and Martha L. Olney, *Essentials of Economics* supplemented with Niall Ferguson, *The Ascent of Money* and John Steele Gordon, *Empire of Wealth: The Epic History of American Economic Power*.

**This course is awarded 1 additional quality point in the calculation of GPAs.*

Term Long Academic Electives

US History Elective

Course Code: 0050301

Credit Code: AE

This enrichment elective provides study of additional factual material and drill exercises using AP-style examinations in order to better prepare the student for the AP US History Exam.

European History Elective

Course Code: 0050269

Credit Code: AE

This enrichment elective provides study of additional factual material and drill exercises using AP-style examinations in order to better prepare the student for the AP European History Exam.

Hebrew

The ultimate goal for students in this curriculum area is to understand, speak, read, and write Modern Hebrew effectively and fluently. Students will be exposed to the rich layers of the Hebrew language throughout their four years at the Academy. Biblical, Mishnaic, Midrashic, and Liturgical Hebrew will be studied through various literary genres. By utilizing Israeli television on the internet, students will listen to, read, and write reactions to world events in Hebrew. In addition, Hebrew students will practice making presentations in the language and they will participate in discussions on assigned topics. Lastly, the course will highlight the links between the Hebrew, Aramaic and Arabic languages.

Level I Hebrew Courses

Hebrew I

Course Code: 0030100

Credit Code: H

This course is an introduction to the study of the Hebrew language and its culture. Students perform the most basic functions of the language and become familiar with some elements of its culture. The first book introduces the student to mechanical reading and script writing and some grammatical principles that will be treated purely as lexical items like: masculine/feminine, singular plural and noun/adjective. The emphasis is placed on the development of the four skills of listening, speaking, reading, and writing within a given context extending outside of the classroom setting when possible.

The context focuses on the students' lives and experiences and includes an exposure to everyday customs and lifestyles. Simple conversations, conducted daily, will enable students to express their everyday functions, make simple requests, and recognize items of food, clothing and body parts. A greater emphasis on grammar will be integrated later in the year, and will include meaning class(Binyan) Pa'al sound class(Gizra) Shlemim,Lme-Hay and Ayin-Vav in present tense. Infinitives will be taught.

A general introduction to the culture, its products (e.g., literature, laws, foods, games,) perspectives (e.g., key words related to Holidays, traditional foods related to different holidays and foods typical in Israeli culture, customs related to holidays

Hebrew IAB

Course Code: 0030100

Credit Code: H

Students enrolled in this course have previous Hebrew language study so they will review and refresh their knowledge. The students in this level will expand the use of their vocabulary and Hebrew grammar in writing, reading, and speaking.

Some of the Hebrew grammar subjects that will be covered are: Binyan Pa'al Gzarot Shlemim,Lmed-Hay and Ayin-Vav in present and past, Binyan Pi'el Gizrat Shlemim present and infinitive. Along with studying Hebrew grammar students will be exposed to Israel geography and history.

A general introduction to the culture, its products (e.g. literature, laws, foods, games) and perspectives (e.g. key words and traditional foods related to holidays, foods typical in general Israeli culture, and customs related to holidays) will also be presented.

Hebrew I Pt.2 (Not offered in 2011-2012)

Course Code: 0030102

Credit Code: H

This course provides students with additional opportunities to practice their listening, speaking, reading, and writing skills. Students will compose simple sentences and progress to short paragraphs. They will use the present and past tense to answer simple questions. As they continue to study the culture, students will learn songs, proverbs, watch short movies, and become familiar with the Israeli television channel. Students will make short presentations, and will read and retell short stories with or without vowels.

Level II Hebrew Courses

Students enrolled in this course have either successfully completed the Level I course at the high school or the middle school or have placed out of Level I due to previous Hebrew language study.

These courses provide students with opportunities to continue the development of their listening, speaking, reading, and writing skills. They participate in simple conversational situations by combining and recombining learned elements of the language orally and in writing. At the end of this course, students are able to satisfy basic survival needs and interact on issues of everyday life in the present and past tense inside and outside of the classroom setting. They will be able to compose related sentences which narrate, describe, compare, and summarize familiar topics from the Israeli culture. Focus is placed on understanding main ideas.

Students develop a better understanding of the similarities and differences between Israeli and American cultures and between Hebrew and English languages.

Integration of other disciplines is on-going throughout the course.

Hebrew II Course Code: 0030200 Credit Code: H

Students will deepen their understanding in the language structure and broaden their vocabulary. Student knowledge in grammatical and lexical items will progress. Students will learn Binyan Pa'al Gzarots Shlemim, Ayin-Vav and Lamed-Hay in present and past tense. Binyan Pi'el will be introduced.

Hebrew II A Course Code: 0030020 Credit Code: H

Language acquisition will broaden and deepen. Students will learn several of the more frequently used Gezarot in Binyan Pa'al and Binyan Pi'el present and past tense.

Hebrew II AB Course Code: 0030021 Credit Code: H

Is the advanced track; students in this level will expand their knowledge of the verb system, learning the Binyanim Pa'al and pi'el in present and past tense and Binyan Nif'al. Future tense in Binyan Pa'al, Gizrat Shlemim will be introduced. Students will learn other grammatical items to enhance understanding and to enhance generation of sentences and communication.

Level III Hebrew Courses

Hebrew III Course Code: 0030300 Credit Code: H

Hebrew III Students will master the materials taught in Hebrew II. The course will include a view of Jewish and non-Jewish folklore, Israeli poetry, stories, and articles. Students will work on daily conversational dialogues and will be required to read and present short recitations and a short story. In Grammar, the students will master all tenses in two out of the seven verb structures, while all along being exposed to fluent Hebrew. Students will study the infinitive forms and in syntax they will be introduced to more complex sentence structure and to word morphology. The class will listen to Israeli TV and read headlines in Israeli newspapers via the internet. Singing and Israeli dancing will be part of the class curriculum as they study Israeli culture.

Hebrew III A

Course Code: 0030030

Credit Code: H

Students enrolled in this course have either successfully completed high school Levels I and II courses or have placed out of Levels I and II due to previous language study.

This course provides students with additional opportunities to expand their listening, speaking, reading, and writing skills as they create with the language and as they access short literary texts, authentic materials, and media on generally familiar topics. Students satisfy limited communication and social interaction demands as well as initiate and maintain face-to-face communication. They identify main ideas and significant details in discussions, presentations, and written texts within a cultural context, read and interpret authentic materials, narrate and describe in sentences, groups of related sentences, and short cohesive passages in present, past, and future tense. and compose messages, announcements, personal notes, and advertisements.

In grammar students learn PAAL and PIEL in all tenses. They also learn the HIFEIL and HITPAEL structures in past and present tense.

They continue to refine their knowledge and understanding of the Hebrew language and culture by demonstrating behaviors appropriate in Israeli/Jewish culture, and by applying their knowledge and skills inside and outside of the classroom setting.

Integration of other disciplines is on-going throughout the course.

Hebrew III AB

Course Code: 0030031

Credit Code: H

Hebrew III course will include a more in-depth view of Jewish and non-Jewish folklore, Israeli poetry, stories, and articles. Students will be required to read and present short news articles and a short library book. In Grammar the study will concentrate four out of the seven verb structures in all tenses, while all along being exposed to fluent Hebrew with the use of all structures and all tenses. Students will master the infinitive forms in all the verb structures they study. In syntax, more complex sentences will be introduced and word morphology will be stressed. The class will listen to Israeli TV and read Israeli newspapers via the internet. Singing and Israeli dancing will be part of the class curriculum as they study Israeli culture.

Level IV and Higher Hebrew Courses**Hebrew IV**

Course Code: 0030400

Credit Code: H

Hebrew IV students will be expected to express themselves in speaking and writing, read news clippings, short stories and modern poetry. In addition, they will practice writing letters, essays, fables, and diary entries. Four out of the seven structures of Hebrew verbs will be studied and mastered. In an attempt to develop an in-depth understanding of the language, students will focus on syntax as an integral part of writing and speaking. At this level, they will be expected to read Hebrew books from the class library followed by a class presentation of each. Singing and Israeli dancing will be part of the class curriculum as they study Israeli culture.

Hebrew IV A

Course Code: 0030040

Credit Code: H

Hebrew IV students will be expected to express themselves accurately in speaking and writing as well as being able to read articles, short stories and modern poetry. The students will practice writing letters, essays, fables, poetry, and diary entries. Five of the seven structures of Hebrew verbs will be studied in all tenses 'and two will be exposed. In an attempt to develop an in-depth understanding of the language, students will focus on syntax as an integral part of writing and speaking. At this level, they will be expected to read a Hebrew text from the library followed by a class presentation. A short essay on a directed topic will also eventuate in a class presentation. Singing and Israeli dancing will be part of the class curriculum as they study Israeli culture.

Hebrew IV AB

Course Code: 0030041

Credit Code: H

Hebrew IV students will be expected to express themselves accurately in speaking and writing as well as being able to read articles, short stories and modern poetry. The students will practice writing letters, essays, fables, poetry, and diary entries. All the seven structures of Hebrew verbs will be studied in all tenses. In an attempt to develop an in-depth understanding of the language, students will focus on syntax as an integral part of writing and speaking. At this level, they will be expected to read a Hebrew text from the library followed by a class presentation. A short essay on a directed topic will also eventuate in a class presentation. This course will run in a fast pace and depth. Singing and Israeli dancing will be part of the class curriculum as they study Israeli culture.

Hebrew V

Course Code: 0030600

Credit Code: H

Students enrolled in this course have successfully completed Level IV. A major focus of this course is to enable students to communicate in writing and in extended conversations on a variety of topics. Students are able to narrate, discuss, and support fairly complex ideas and concepts using concrete facts and topics in a variety of time. They satisfy routine social demands and meet all social requirements.

Another emphasis of this course is on culture and literature. Short stories, poetry, excerpts from various periods of literature, current events, and authentic materials are included. Emphasis is placed on independent reading. Finer points of grammar are studied to aid oral and written communication. Students write different genres as articles, stories, poems and plays.

There is more in-depth study of the target culture(s) and their influence throughout the world. Students are able to connect the target language to other disciplines and can compare it to their own. Finally, students are able to use the language inside and outside of the classroom setting.

Hebrew VI

Course Code: 0030700

Credit Code: H

Students in this class demonstrate a high degree of fluency and therefore they will be expected to explore in depth the meaning of Israeli and Jewish literature. The poetry of Yehudah Amichai, Natan Yonatan, Naomi Shemer, Rachel, Natan Zakh, Shamas and other modern poets will be read, analyzed and discussed. The course will feature few piyutim by Rabbi Yehudah Halevi and other known poets of the Golden Age Era as a method of further understanding Jewish liturgy. In this study, students will write essays, short stories, and poetry. Students will be required to listen to and to read Israeli and world news and to report it to the class and to read an Israeli novel. Final presentations will be expected of them in terms 2 and 3. Singing and Israeli dancing will be part of the class curriculum as they study Israeli culture.

Hebrew VII

Course Code: 0030800

Credit Code: H

This class will listen to and attempt to understand spoken Hebrew by utilizing the available mass media: Israeli TV and radio stations, movies, and class discussions. They will use the internet in Hebrew and write a research paper on a topic of their choice. One feature of this course will be a short student-made movie in Hebrew. Students will read an Israeli novel and write a book report which then they will present to the class. Singing and Israeli dancing will be part of the class curriculum as they study Israeli culture.

Hebrew Literature II

Course Code: 0031000

Credit Code: H

In this class students will review all verb and noun structures and improve their essay writing skills by paying closer attention to syntax rules. The students will read 2 Israeli novels and they will choose 2 Israeli/Jewish authors/poets to study in depth, write papers and teach it to the class. In addition, the class will study stories of Agnon, Bashevis Singer and Etgar Keret. Discussions of world issues will take place in connection to world/Israeli news. Students will be required to listen to Israeli news and read Israeli newspapers and to report it on a regular basis to the class. Final presentations will be required of them in terms 2 and 3.

Wellness

Wellness I (9th Grade)

Course Code: 0080001

Credit Code: HF

Students will learn about aspects of health and fitness that will enable them to make intelligent and well informed decisions regarding their current lifestyle and future health and fitness needs. Topics will include lifestyle related illness, stress management, nutrition, human sexuality, drug and alcohol awareness, and fitness training.

Wellness II (10th Grade)

Course Code: 0080002

Credit Code: HF

This course offers an Introduction to aerobic and anaerobic training, fitness assessments, cardiovascular diseases, sports medicine (injury and illness prevention and treatment), CPR training and first aid, basic anatomy and biomechanics, as well as design of an individualized fitness program.

Sports Medicine

Course Code: 0081000

Credit Code: HF

Sports Medicine is an academic elective course designed to integrate concepts in the discipline of health and fitness with those of anatomy and kinesiology. Students will learn about anatomical terms, major anatomical landmarks, common sport injuries and basic treatments pertaining to those injuries. In this course each region of the body will be broken down into function of that region, injuries to that region and relative treatments to specific injuries about each region. By exploring anatomy and kinesiology through the lens of form, function, injury, and recovery, students are offered the opportunity to learn, apply, and master college level introductory sports medicine concepts.

Physical Training

Course Code: 0080200

Credit Code: HF

Physical Training is a course designed for students (grades 9-12) who are unable to meet the Academy's sport requirement, which states that all students are required to participate on at least one sports team per year. Physical Training will meet the demands of fitness and conditioning of sports without the skill requirement. "PT" classes will be scheduled by the Dean of Academic Affairs and will be a trimester course. Students will participate in aerobic fitness, general conditioning and resistance training throughout the trimester and will be required to keep, and submit for credit, a log of their workouts and progress. NOTE: Documentation will be required from parents and a physician stating the reasons (physical/health related limitations) for exclusion from sports team participation.

Sports Training

Course Code: 0080206

Credit Code: HF

Pre-season Sports Training is required for all athletes during the term prior to the sport season that the student has registered. The course will emphasize aerobic and anaerobic fitness, resistance training, speed training, and sport specific conditioning. The requirement is two days per week and will be taught by AHA's coaching staff. No alternatives to this class will be permitted. Optional workouts are recommended and structured workouts may be substituted (with permission by the coach) for students who have excused absences during the term. AHA attendance and grading policies apply. NOTE: Cross-Country, Swimming, and Track are currently the only sports that have no roster limitations. Every effort will be made to accommodate the sport preferences for students, but registering for a sport does NOT guarantee a roster spot for that particular sport.

JEWISH STUDIES

Freshman Year

BIBLE I (Torah)

Course Code: 0060217 Credit Code: JS

This is a yearlong, 3 credit course. This course will introduce students to the Tanakh (Hebrew Bible) from general texts, historical perspectives, geography, introduction to Rashi script and basic interpretations and analytical skills needed for Bible courses to follow. This survey course will look at Ancient Israel, through the Maccabees.

This course will explore themes in selected stories from Genesis from Creation to Abraham. This intensive curriculum has been constructed as ten - week modules. Genesis Part I - covers the first twenty generations from Adam to Avraham and the story of the first Jewish family.

The curriculum is centered on one text, and all commentaries brought are surrounding this text. Students are trained to read between the lines, to ask questions and to discover the ambiguities and issues raised by the text. Students are introduced to different expressions of commentaries including art and literature. Students will also look at the Jewish Calendar and Life-Cycle events from their Biblical sources and explore their development into ritual in modern Jewish prayer and practice.

BIBLE I: Advanced

Course Code: 0060218 Credit Code: JS

“The Torah has seventy faces” said the ancient’s rabbis. If one looks hard enough, one finds the face he is seeking”

This is a yearlong, 3 credit course. *Tanakh* in freshman year course will help our students to explore our sacred text in its Hebrew narrative, and its different translations. We will examine the biblical accounts through one’s lens, peers’ lens, generations’ lenses –from **Revelation, מעמד סיני** to our time. We will examine the accounts from a literal (P’shat) aspect and by reading between the lines (D’rash). We will add our voice to the generations’ voices while having a dialog with the Torah.

JUDAISM 101 (Not offered in 2011-2012)

Course Code: 0060024 & 0060124 Credit Code: JS

This course will survey Jewish rituals, holidays and life-cycle events for those students who do not meet a minimum level of Judaic knowledge, based on criteria and standards set forth by the Jewish Studies department and reviewed during the first couple of days of school.

Our students are future ancestors of the Jewish people. Like previous ancestors, your generation will in some ways transmit, in some ways adapt, in some ways grow beyond, and in some ways add to the heritage of previous generations. The purpose of this course is to provide part of the foundation for your task. Realizing that our students come from differing backgrounds and experiences, this course reviews (or introduces) some of the basic concepts and practices of Jewish tradition, with a focus on identifying the central values and principles they represent. Judaism is not merely an ethnic or religious identity, but a calling that has the potential to inform and inspire every area of life. To live as a Jew is to be a partner with God in the repair of the world. Concrete deeds (*mitzvot*) give the Jewish way of life its distinctive texture and character, cultivating a dimension of *kedushah* (holiness). Students are invited to respond to the sources they encounter and to develop their own vision of a dedicated, meaningful, and inspiring way of life, a vision informed by but not limited by the heritage of the past.

MISHNAH & MISHNAH pt.II (All 9th Graders)

Course Code: 0068100 & 0068101

Credit Code:

JS

This class will introduce students to the early Rabbinic period, the texts and historical development of the Mishnah and Talmud, and its historical context in the shift from the Centrality of Israel to the Diaspora academies in Babylonia. The aim of the course is to gain an understanding and appreciation for the world view, way of life and historical circumstance of the classical rabbis of antiquity so as to better understand the literature they created and the form of Judaism they lived and taught; foster a basic understanding of the purpose and nature of the Mishnah and its place as the foundational non-midrash collection of Oral Law teachings and begin to explore the relationship of modern interpretations of Judaism to the rabbinic Judaism of the classical period.

The Mishnah is the first and central written expression of the Oral Torah, the body of practices and customs which the ancient rabbis asserted came down from Mt. Sinai alongside the written Torah. The Mishnah was produced at a time of immense turmoil for the Jewish people, after two wars which had resulted in the destruction of the Temple and the devastation of the centers of Jewish population in the holy land. Of all the sects and movements of Judaism that existed during the time of the Second Temple, it is paradoxical that only Rabbinic Judaism, with its emphasis on careful adherence to tradition, was able to adapt and change in response to the new circumstances thrust upon the Jews. Thus the tradition which is the foundation of all Orthodoxy is also an example of the Reconstruction of Judaism for a New Age, Conserving its values while reformulating its practices.

The classes will be taught in a Beit Midrash setting, using the classic chevruta or partner study. A Beit Midrash is a study hall (literally a House of Learning). Chevruta study is the traditional method of studying Jewish texts with a partner, involving intense debate and discussion. It originates from the Aramaic word for friendship.

LITURGY

Course Code: 0066364

Credit Code:

JS

This class will examine liturgy and prayer development from all of the major denominations and will look to identify similarities and differences reflected through the respective liturgical pieces, comparing and analyzing the sources, sequence (order) of the prayers and the process through which each of the denominations laid out their respective prayer books and services. Students will also have the opportunity to create their own personal prayer book (siddur) that will incorporate the prayers that are most meaningful to them personally. The primary focus will be the Shabbat Evening (Kabbalat/Ma'ariv) liturgy in depth. Through an exploration of context, content, ritual, various interpretations and individual personal Hebrew to English translations, the class will look at each major prayer section as a multilevel piece of literature. We will also touch slightly on Shabbat day/evening activities such as seudat shishit, havdallah, prayer inclusions/exclusions into Birchat Hamazon and Zmirot as well as halachah and ritual clothing.

Sophomore Year

BEIT MIDRASH (All 10th graders)

Course Code: 0060223

Credit Code:

JS

This is a yearlong, 3 credit course. This course will provide students with an understanding of the Talmud, and skills for future independent study, they will learn how to learn, know what to ask, and build a greater appreciation for the study of Talmud. The course will incorporate skills booklets and exercises used in a Beit Midrash (study hall) format with Chevruta study. The Babylonian Talmud is a synthesis of the debates, discussions, and interpretations of the rabbinic academies of Babylonia based upon the Mishnah. Completed in the late 6th century c.e., the Talmud has served, since its compilation, as the source of all later Jewish law, and the primary curriculum of advanced Torah study. Though all codes of halakhah rely on information supplied by the Talmud, the primary interest of the Talmud does not involve establishing practical rules. It is a complex and profound investigation into the principles of Jewish law. The Talmud reflects the notion that the best way to honor the divine law is to subject it to the most penetrating and painstaking investigation which human reasoning can accomplish. The Talmud is exercise equipment for the rabbinic mind, and its goal is to develop the capacity of the learner to move beyond the kind of knowledge which memorization and passive learning can supply. Study of the Talmud should not only broaden one's knowledge of Jewish values, but develop one's capacity to think logically and to apply values to new questions and situations.

Students will also explore and examine the Biblical texts associated with the weekly Torah portions, using commentaries and exegesis as part of their Chevruta study.

BIBLE II Bereishit & Shemot (Genesis & Exodus)

Course Code: 0060209

Credit Code:

JS

This course will explore themes in Genesis from the Patriarchs & Matriarchs. This intensive curriculum has been constructed as ten - week modules. Genesis Part II - covers the period from Abraham through Joseph and the journey to Egypt and into the period from Slavery to freedom. Topics will include birthright, covenant, sibling rivalry, honor and redemption/Teshuvah, freedom, oppression, and Revelation.

The curriculum is centered on one text, and all commentaries brought are surrounding this text. Using skills developed in earlier courses, the students will discover the questions, the ambiguities, and issues raised by the texts. The students are introduced to different expressions of commentaries including art and literature. The students are exposed to the biblical Hebrew language as part of this learning process.

BIBLE II: Advanced

Course Code: 0060219

Credit Code:

JS

In this course we will be taking a journey to the past revealing the hidden messages of our sacred text. We will look at the Josephs stories in בראשית in our sacred tongue בעברית מקראית טעמה. We will examine them closely and relate them to our life stories. We will zoom out to understand the divine plan that led our people to Egypt; these narratives will be our jumping board to the book of שמות.

We will identify the concept of תשובה (Repentance) with its components as it surfaces in these accounts, and we will explore the criteria for authentic change based on classic Jewish perspectives. We will introduce the concept of **Tshuva** basing it on **Rambam Hilchot Teshuva 2:2**, and Rabbi Soloveitchik interpretation, while adding our own commentary.

We will compare contrast narratives in Shmot to Bereshit allowing us to understand the book Exodus as it moves us forward in time and reflects a new realm. We will examine Mishlei (Proverbs) 19:21 and its relevance to Bereshit and Shmot accounts. We will relate the narrative of the Brit Bein Habtarim in Genesis 15:13-14 while reinforcing the notion in Mishlai and pointing out to its relation to the book of Shmot. We will examine Moshe's Leadership as reflected in Shmot comparing to other accounts in the Torah. We will examine the 10 commandments in Shmot to the one in Dvarim understanding the meanings of the differences based on text's location in the Torah. We will be evaluating the different accounts through the critical – historical approach and the traditional approach.

JEWS AMONG THE NATIONS

Course Code: 0066005

Credit Code:

JS

(Not offered in 2011-2012)

A survey of the position Jews held in societies since the birth of Christianity. They will gain insight into the history of anti-Semitism as well as the history of Jewish participation in the societies in which they lived. Considerable attention will be paid to the nature and growth of anti-Semitism in our time.

JEWISH CULTURE IN THE MIDDLE AGES

Course Code: 0066004

Credit Code:

JS

(Not Offered in 2011-12)

This course will explore and examine the Jewish World and its relationship to various communities and toward each other from Talmudic times through the 17th Century. Students will study the Geonic period and its transformational impact on the Jewish world. Students will look at the rising communities in both the Ashkenazic (Germany & France) and Sephardic (Northern Africa) and their relationship to their non-Jewish communities and their impact in the fields of the Halakhah, Talmudic and Biblical exegesis, Jewish philosophy, and poetry.

Students will look at the Golden Age of Jewish Spain and attempt to try and understand the differences between the Muslim & Christian majorities on their Jewish religious, cultural and economic life and the effect of subsequent expulsion of the Jewish community in 1492

HOLOCAUST AND HUMAN BEHAVIOR

Course Code: 0066366

Credit Code:

JS

This course will examine the Holocaust, its events and its relationship to Human Behavior, looking at the how & why and emphasizing how Human behavior shaped its outcome. Students will study the context and events of the Holocaust from 1933 to 1945.

Students will pay particular attention the implementation of Nazi policies, particularly the anti-Jewish legislation, and the desperate Jewish attempt to grasp the upcoming catastrophe that sooner or later would befall Jews throughout Europe. Students will research and learn about the Nazi "New Order", manifested by the Nazi geo-political aggression against peaceful nations in Europe.

The class will primarily use the Facing History and Ourselves curriculum as a guideline. "Facing History and Ourselves is devoted to teaching about the dangers of indifference and the values of civility by helping schools confront the complexities of history in ways that promote critical and creative thinking about the challenges we face and the opportunities we have for positive change. Facing History is unique in that it is not a program of one-week seminars that are all-too-easily forgotten, a packaged curriculum, or a prescribed set of lessons. Rather, it offers dynamic, long-term intervention. It is designed to have a lasting effect on the life of a school." (Facing History and Ourselves Introduction)

INTRODUCTION TO TALMUD (Not offered in 2011-2012)

Course Code: 0060020

Credit Code:

JS

This course will provide students with a basic understanding of the Talmud, introduce them to Aramaic and provide fundamental basics needed for the study of Talmud at diverse levels. The Babylonian Talmud is a synthesis of the debates, discussions, and interpretations of the rabbinic academies of Babylonia.

This course will provide students with an understanding of the Talmud, and skills for future independent study, they will learn how to learn, know what to ask, and build a greater appreciation for the study of Talmud. The Babylonian Talmud is a synthesis of the debates, discussions, and interpretations of the rabbinic academies of Babylonia based upon the Mishnah. Completed in the late 6th century c.e., the Talmud has served, since its compilation, as the source of all later Jewish law, and the primary curriculum of advanced Torah study. Though all codes of *halakhah* rely on information supplied by the Talmud, the primary interest of the Talmud does not involve establishing practical rules. It is a complex and profound investigation into the principles of Jewish law. The Talmud reflects the notion that the best way to honor the divine law is to subject it to the most penetrating and painstaking investigation which human reasoning can accomplish. The Talmud is exercise equipment for the rabbinic mind, and its goal is to develop the capacity of the learner to move beyond the kind of knowledge which memorization and passive learning can supply. Study of the Talmud should not only broaden your knowledge of Jewish values, but develop your capacity to think logically and to apply values to new questions and situations.

JUNIOR & SENIOR CLASS OFFERINGS & SEQUENCE

Elective classes and requirements:

Junior students are required to take 4 credits of Jewish Studies courses, in addition to their participation in the AMHSI ISRAEL STUDY PROGRAM (2 JS Credits). They are required to take 1 credit each in Rabbinics, Bible and Jewish History plus an additional credit in any of the Jewish Studies disciplines.

Senior students are required to take 6 credits of Jewish Studies courses. They are required to take 1 credit each in Rabbinics, Bible and Jewish History plus 3 additional credits in any of the Jewish Studies disciplines.

BIBLE (Tanakh)

ARCHEOLOGY OF THE BIBLE

Course Code: 0066361 Credit Code: JS

This class will look at how modern archeology has expanded our understanding of selected Biblical narratives and their impact of the way we look at the text. This class will look at the geography of the Bible. While looking at the geography, we will focus on what the Israelites borrowed from other nations and vice versa. We will examine different covenant documents of the area and mark their period of monarchy, judge and prophets in Israel as well. We will be using Devers and Coogan, as well as Who Wrote the Bible.

THE MEGILLOT(Not Offered in 2011-2012)

Course Code: 0060200 Credit Code: JS

This course will introduce students to the differences between the five books of the Megillot - Shir Hashirim (Song of Songs), Ruth, Aicha (Lamentations), Kohelet (Ecclesiastes) and Esther. Students will examine differences in content, historical perspectives, geography, people, places, narrative, and Jewish law and customs in each of the Books. Students will also gain insight and develop an understanding of the metaphors and moral lessons as they appear in the relevant texts and the correlation of the texts to specific seasons and Jewish holidays.

BIBLE: Samuel

Course Code: 0060004 Credit Code: JS

In this class we will study the book of Samuel I, with commentaries and exegesis. Students will learn to think critically about the text, the history and personalities in the book, and develop an understanding of what the narratives mean in the original text and contextualize it to today's world in order to show that the text is more relevant, examining the narrative with more detailed approach to some of the themes.

BIBLE: Leadership Models in the Bible

Course Code: 0060301 Credit Code: JS

To be a leader in business, government, and every facet of society is very important. We can ask ourselves: What does our tradition have to say about leadership? This Jewish leadership class is not only relevant for those who see themselves as leaders, but for all of us who lead in ways in which we are unaware. This course will try to identify the qualities required for leadership by examining great Jewish leaders and the qualities they possess. These studies of Jewish leadership will focus on additional attributes required for leadership, and offer practical ideas on how anyone can become empowered to be a leader.

This class will address the following questions:

How is leadership in Judaism distinct from the general idea of leadership?

What qualities should a Jewish leader have?

What qualities characterized great historical leaders in Judaism?

BIBLICAL JUSTICE

Course Code: 0060207

Credit Code: JS

The struggle for establishing a society that strives to social Justice as an essential value in prophecy.

This course will explore chapters selected readings from the Prophets - Samuel, Amos, Isaiah, Micah, Jeremiah and Ezekiel, striving to understand the influence of fulfilling moral laws as a condition for the destiny of the Jewish people. Students will understand the precedent of moral laws in comparison to our cultic practices in the different prophets' times. They will grasp the importance of morality and its impact on the future of our leadership as our early and literary prophets depicted it. They will examine the evolution that happened in our people understanding of G-D'S mitzvot, based on time and place and will learn about the historic period of each prophet introduced to fully appreciate their messages in a context of time.

WISDOM LITERATURE (Not Offered in 2011-2012)

Course Code: 0060206

Credit Code: JS

This course will take-a close study of texts from the books in the Writings known as Wisdom Literature. We will study Job, Proverbs, Psalms, and Ecclesiastes with an eye toward seeking to understand their meaning for our time

BIBLE IN ART (Juniors and Seniors)

Course Code: 0060215

Credit Code: JS or VA

Students explore selected biblical texts for imagery and meanings, engage the wisdom Talmudic and midrashic texts, intersect it with contemporary interpretations, then view historical and contemporary art inspired from the texts. Students create their own artistic interpretations of selected stories or texts and write artist's statements to accompany each piece.

ADVANCED STUDIES IN BIBLE

Course Code: 0060219

Credit Code: JS

Course requirement: Permission of instructor is required. This course will offer advanced students the opportunity for more in-depth analysis of selected Biblical Texts (selected in consultation between the students and instructor), exploring contemporary and traditional interpretations and contexts for the chosen texts. This is an advanced course and Hebrew above Level 4 is recommended.

BIBLE: TESTS OF FAITH

Course Code: 0060210

Credit Code: JS

This course will explore the concepts of trial and ordeal which are central to the Jewish belief; and introduce the students to major elements of Biblical narrative that revolve around these concepts. Beginning with the story of creation in the Book of Genesis; onward to the birth of the Jewish People and the presentation of religious and ethical laws in the Books of Moses; through the admonishments of the Prophets, and until the moral lessons stated in Writings.

BIBLE: EXILE & RETURN

Course Code: 0060216

Credit Code: JS

This course will explore the experience of Galut – the exile of the Jewish people from his homeland- as mirrored in the words and deliberations conceived in the minds of our prophets. The students shall be exposed to the relevant biblical texts that speak of the looming uprooting of the people from his land – including the religious, social, political and moral reasoning for it - through the adaptation of the Jews to their new land and host country; and ending with Ge'ulah and Nechamah, the pledge for the rebirth and regeneration of the Jewish People in his ancient homeland.

LAW SOCIETY AND THE MIKRAH

Course Code: 0060114

Credit Code: JS

This course will deal with the biblical law and its origins. Students shall explore the ancient origins of law in the human society and inquire regarding the formative alliance which brought about the Biblical law. Further, the students delve into major benchmarks that constitute the biblical law i.e., honoring one's parents, protecting and catering for the weak and helpless in the society, the laws of slavery, murder and war.

TOPICS IN TORAH STUDY (PARSHAT HASHVUAT)

(Not offered in 2011-2012)

Course Code: 0061125

Credit Code: JS

Students will delve into the depths of the Torah to understand the brilliant commentary of Rashi. This class will provide students with the opportunity to appreciate Rashi's unique style and language and to comprehend the analytical logic that lies behind his unique interpretation. The class will guide students in how to truly understand Rashi's often cryptic words clearly, while bringing clarity to the Chumash text.

JEWISH HISTORY

COMPARATIVE RELIGIONS (No longer offered)

Course Code: 0065500

Credit Code: JS

If we wish to understand people from various cultures, we must of necessity understand the world religions, because the religions shape and express the world-views of billions of people. The study of other faiths requires more than collecting facts about theological systems and rituals. We must try to learn how to look out on the world through others' eyes. We want to become adept at the skill of 'trying on' the viewpoint of others.

"Whoever understands only one religion understands none." (Max Müller) Having experienced new viewpoints, our own faiths may benefit from a freshness of perspective that was not otherwise possible.

This course will include field trips to other faiths houses of worship and guest lectures by religious leaders of various faiths in the Greensboro community.

WORLD RELIGIONS (Previously Comparative Religions)

Course Code: 0065501

Credit Code: JS

If we wish to understand people from various cultures, we must of necessity understand the world religions, because the religions shape and express the world-views of billions of people. The study of other faiths requires more than collecting facts about theological systems and rituals. We must try to learn how to look out on the world through others' eyes. We want to become adept at the skill of 'trying on' the viewpoint of others.

"Whoever understands only one religion understands none." (Max Müller) Having experienced new viewpoints, our own faiths may benefit from a freshness of perspective that was not otherwise possible.

This course will include field trips to other faiths houses of worship and guest lectures by religious leaders of various faiths in the Greensboro community

HASIDISM

Course Code: 0066902

Credit Code: JS

Students will explore the history, legends, and sociology of the various Hasidic Groups. Students will explore some of the specialized teachings of Hasidism and their relationship to Kabbalah. Students will practice applying the teachings of Hasidism to their personal lives.

THE MONOTHEISTIC FAITHS: JUDAISM, CHRISTIANITY & ISLAM

(Not offered in 2011-2012)

Course Code: 0066359

Credit Code: JS

This course will look at the historical relationship between the three monotheistic faiths, from the early Christian and Muslim periods to the present day, their relative developmental periods and will explore the way each deals with various themes – Death & Dying, Prayer, the role and relationship with G-D and coexistence.

HOLOCAUST IMAGERY

Course Code: 0066101

Credit Code: JS or VA

Students view the Holocaust through theological and artistic understanding. They engage with material through their own art and journaling as well as classroom debates, articles and artwork. Students write artist's statements for each work they produce that engages the ideas of theologians and artists studied, as well as their personal views.

AMERICAN JEWISH EXPERIENCE

Course Code: 0066003

Credit Code: JS

This course will explore the many diverse aspects and the development of the American Jewish experience, from its early roots to the politics and challenges of today's Jewish community. Issues such as community relations, Jewish faith, politics, education and assimilation in America, will be explored and analyzed. Students will also see the role that Jews have played in changing American practices, policies and their influence in American foreign Policy, towards Israel and the ways that they are confronting the challenges facing today's Jewish community. It will also look at how Jews in America have influenced pop-culture and the arts by exploring selected movies, readings and other examples.

DEATH, DYING & THE AFTERLIFE IN JUDAISM

Course Code: 0060112

Credit Code: JS

This course will introduce students to the basic Jewish laws surrounding death, exploring the Halahkic definitions of death, death in the Bible, the Rabbinic age and its development to modern times. Students will learn about the Chevra Kadisha, or Holy Ones, who perform the ultimate mitzvah of burial preparation, and the details of Tahara. Resurrection, immortality, the Jewish views on Heaven and Hell will also be examined from various Jewish viewpoints. Students who complete the course will be eligible to do community service in cooperation with the local Jewish community Chevra Kadisha.

JUDAISM & POP CULTURE (Not offered in 2011-12)

Course Code: 0066357

Credit Code: JS

This class will delve into the inner workings of popular culture as well as the role of Jews within it. We will look at the factors for the Jewish contribution in and to the entertainment industry- by looking at immigration patterns into the United States as a jumping off point.

We will look at three major questions through the course -What is the definition of pop-culture? (How is effected by Jews and how does it affect Jews?); How do we see ourselves? How does Pop-Culture affect us? Is the overwhelming involvement of Jews in pop-culture a impediment or an advantage to the Jewish people? We will be looking at different aspects of pop-culture as described under the major focus of study.

ISRAEL & ITS NEIGHBORS

Course Code: 0066362

Credit Code: JS

This class will look at the historical evolution of the Middle East and the impact it has had on Israel, her viability, survival and efforts towards peace in the region. We will be focusing on the history of the Middle East- from Egypt to Saudi Arabia. Our class will look at colonizing powers, Arab mandated leaders as well as historically relevant clan and tribe leadership. We will examine the relationship each had with Israel as well as "outside" pressure and or support. We will look at the final status issues of Oslo, as well as dealing with issues from early statehood that have lingered. We will also focus on the Palestinian people within Israel and within the Arab world, with specific emphasis on their government organizations.

ISRAELI SOCIETY

Course Code: 0066358 Credit Code: JS

This course will explore Israeli society through its internal political structure, its diverse people and culture as well as the various dimensions and dynamics in this vibrant Jewish State. This class will be broken into 2 main sections; current events and the history of Israel: politically, culturally and socially. Students will be required to bring in one article every class from 1 news source regarding politics and society in Israel. (New York Times, Ha'aretz, Jordan Times- all online) We will look at the different historic models of the Israeli political system, social system, as well as cultural system. Our main focus will be the merging and tearing apart of different political, social, and ethnic groups. We will also look at the important political issues for ALL Israeli citizens from 1948- Present Day.

RABBINICS

JEWISH LAW & THE MODERN WORLD (Not Offered in 2011-12) Course Code: 0066369 Credit Code: JS

This course will examine and compare the development of law in Judaism and its influence on jurisprudence in American and contemporary laws through cases from the Supreme Court, and other laws in contemporary America. This course will give students the tools that will enable them to understand how general jurisprudential issues and specific Jewish values are instantiated and concretized through the Halakhic and American Judicial Systems.

ETHICS TOPICS (Not Offered in 2011-12) Course Code: 0061121 Credit Code: JS

How do Jews make informed choices concerning the bioethical problems we face? This course will examine several key issues such as abortion, stem cell research, and genetic engineering in order both to wrestle with these important issues as well as to see how the Jewish voice in these discussions can play a role.

GENDER & JUDAISM Course Code: 0061124 Credit Code: JS

This course will look at the development of women in Judaism through Biblical, Medieval and Modern periods. In this course, students will explore the ways in which women have understood and experienced Judaism from the biblical period through the present. Students will look at women's traditional religious roles and status and will discuss the many ways in which women have understood Jewish self-identity. The class will also explore contemporary feminist efforts to reevaluate and transform contemporary Jewish life, in America, Israel and in other communities.

ECO-JUDAISM (Not offered in 2011-12) Course Code: 0060361 Credit Code: JS

This course will explore ecology, Torah, and the arts through multiple philosophical lenses. Genesis 1:27 tells us that we are made in the image of G-d. Likewise, Genesis tells us that humans were given domination over the earth. How do these strands converge? This class explores how Judaism and other religious traditions offer a framework for examining humanity's relationship with the environment and for defining problems and evaluating potential solutions. Our goal is to see the sacred interdependency in the ecological world so that all Creation becomes a source of wonder rather than only a resource for our use and abuse.

JEWISH PHILOSOPHY (Not Offered in 2011-12)

Course Code: 0066356

Credit Code:

JS

This course will examine great Jewish thinkers and Jewish philosophies, with an introduction of early Jewish philosophers to those of the modern period and how they have confronted modernity in the ever changing world. Classical Jewish thinkers like Philo, Judah HaLevi and Maimonides will be discussed. Then, students will look at a post-emancipated Jewish enlightened era. Here, both rational and irrational philosophies that confront modernity and the new Jewish experience will be explored. Thinkers like Hermann Cohen, Leo Baeck, Mordechai Kaplan, Franz Rosensweig, Martin Buber, Abraham Joshua Heschel and Joseph B. Soloveitchik and ideological responses like Zionism, the post-Holocaust theology and feminist thought will be presented and discussed in the course.

SELECTED READINGS IN TALMUD

Course Code: 0060119

Credit Code:

JS

This course will be offered to those students who wish to delve deeper into an advanced study of the Talmud, with students and instructor choosing an appropriate tractate to study. This is an advanced course and Hebrew above Level 4 is recommended.

PHILOSOPHY OF RELIGION (Not offered in 2011-12)

Course Code: 0060030

Credit Code:

JS

Henry David Thoreau is credited with saying “an unexamined life is not worth living”. Philosophy “is an attitude of critical and systematic thoughtfulness” or put differently, a way to examine life. In this class we will critically and systematically explore fundamental questions and assertion about the existence of God, evil, meaning of life and religion. This is not a personal theology class, nor is it a Jewish theology class. We will read theologians, some Jewish some not. We will not be exploring your personal views or beliefs. We will, however, be extremely interested in your thought out, reasoned arguments in favor of or against the points of view we will be reading.

KABBALAH & JEWISH MYSTICISM

Course Code: 0076000

Credit Code:

JS

The objective of this class is for students to become familiar with the basic concepts and texts of Kabbalah as well as with the techniques of Kabbalistic meditation/tefilah and practical Kabbalah. It is intended for students to wrestle with some of the texts of the Kabbalistic tradition, their language, and the complexities of their subject matters. This class is also intended to help students to gain a competency in the essential Kabbalistic vocabulary.

KABBALAH AND ART

Course Code: 0076100

Credit Code:

JS

Using kabbalistic texts (Zohar, Sefer Yetzirah, Bahir and others), mystical poetry, meditations on Hebrew letters, selected academic articles relating to Kabbalah and art, and a study of historical and contemporary artists who engage Kabbalah in their work, students will create their own midrashic, meditative art and will write artists' statements to accompany each piece.

PRACTICAL HALAKHAH: KASHRUT

Course Code: 0066370

Credit Code:

JS

This course will introduce students to the basic laws of Kashrut (Kosher) and will understand some concepts such as Meat & Milk, “Ma’achalot Asurot – Non-Kosher Foods”, “Bishul - cooking”, “Bitul B’rov and B’Shishim - mixtures” and other concepts – while observing in the dining hall, kitchen and preparing food for the community.

SENIOR JEWISH STUDIES RESEARCH SEMINAR

Course Code: 0066903

Credit Code:

JS

Prerequisite: By instructor permission. Students will share research throughout the course of the trimester as they compose a college-level essay in a topic in Judaic Studies of their individual choosing. Students will also read and present essays written after 1965 in the field of Judaic Studies that have made a major contribution to the field.

ADVANCED TOPICS IN JEWISH STUDIES

Course Code: 0066904

Credit Code:

JS

(Not offered in 2011-2012)

This course will examine selected topics in Jewish Studies in-depth. Students will gain historical perspective and textual insight through critical analysis and research. Topics are selected by the students with a Jewish Studies faculty advisor.

***MOOT BEIT DIN (APPLIED JEWISH LAW)**

Course Code: 0066372

Credit Code:

JS

This course is designed to prepare students for the RAVSAK Moot Beit Din competition and will have students preparing legal arguments on a specific case in Jewish Law for the competition. This course will examine and compare the development of law in Judaism ;examination contemporary laws through case study, and other laws. This course will give students the tools that will enable them to understand how Jewish law function in practical ways.

**This course is awarded 1 additional quality point in the calculation of GPAs.*

The Holocaust as Depicted in Contemporary Film

Course Code: 0066372

Credit Code:

JS

This course will look at how the Holocaust is portrayed in films, both out of Hollywood and from European film industries. Students will look at the manner in which this history is told through film – its depiction of the victims, rescuers, bystanders and perpetrators. Students will look at the various motifs, styles and stories which filmmakers have brought to the big screen, exploring the reasoning, rationale and importance of this genre.

(Jewish Studies Courses CoCurricular with the Fine Arts Department)**Holocaust Imagery**

Course Code: 0066101

Credit Code:

JS or VA

Students view the Holocaust through theological and artistic understanding. They engage with material through their own art and journaling as well as classroom debates, articles and artwork. Students write artist's statements for each work they produce that engages the ideas of theologians and artists studied, as well as their personal views.

Bible in Art (Juniors and Seniors)

Course Code: 0060215

Credit Code:

JS or VA

Students explore selected biblical texts for imagery and meanings, engage the wisdom Talmudic and midrashic texts, intersect it with contemporary interpretations, then view historical and contemporary art inspired from the texts. Students create their own artistic interpretations of selected stories or texts and write artist's statements to accompany each piece.

Required Co-Curricular Required Courses

IT Orientation

Course Code: 0070001

Credit Code: IT

This course is designed to have students learn the technology used at the American Hebrew Academy, both on the student's laptop as well as in the classroom, on the Academy's servers, and around campus. A series of projects expose each student to the applications and equipment they will need to complete assignments for many of their courses at the Academy. Issues of ethics and safety as it apply to Internet-related behavior and the use of Internet-discovered content is also covered during the term.

Success 101

Course Code: 0070024

Credit Code: AE

This elective for new students is designed to develop the student skill set necessary for academic success at the Academy. The course offers a learning styles inventory assessment, general study skills techniques (such as note taking, highlighting, close reading techniques, etc.), as well as subject specific skills. A rotation of instructors in their area of specialty will teach the course. An elective grade of O, G, N, or P will be earned for this 1 credit course.

Synagogue Skills (required at each grade level)

The Synagogue Skills course will prepare Academy graduates for lives as active participants and leaders in their Jewish communities. Curricula in all four levels of Synagogue Skills cover blessings, home rituals, prayers, and songs for weekday, Shabbat, and holiday celebrations. In each year of Synagogue Skills, students will be taught traditional as well as creative approaches to prayer.

Students are enrolled in Synagogue Skills for one trimester every year they are at the Academy; incoming students will be placed in a level appropriate to their background. After students have completed the fourth level of Synagogue Skills, they may choose to continue enhancing their ritual and prayer leadership skills in an advanced elective, or they will be excused from Synagogue Skills for the remainder of their tenure at the Academy.

Synagogue Skills Level 1: B'rachah

Course Codes: 0070101 Credit Code: SS

Synagogue Skills Level 1: B'rachah introduces students to the fundamental blessings, prayers, and songs that they will encounter in any Jewish celebration or service. Students will become comfortable leading blessings for mealtimes, an 'Aliyah to the Torah, and part of Birkat haMazon (Grace after Meals). Students will also be able to participate in and lead the basic prayers of weekday and Shabbat services, and learn four of the songs most popular at Academy Shabbat gatherings.

Synagogue Skills Level 2: K'dushah

Course Codes: 0070102 Credit Code: SS

Synagogue Skills Level 2: K'dushah begins a more in-depth study of the core prayers of any Jewish prayer service. Level 2 focuses on the 'Amidah and all prayers that discuss the holiness of the Divine (d'varim shebik'dushah), including several forms of Kaddish and Kiddush. Level 2 will also prepare students to participate in the Torah service, more sections of Birkat haMazon (Grace after Meals), and the closing hymns of any service. Students' Shabbat and holiday song repertoire will also be expanded.

Synagogue Skills Level 3: Ahavah

Course Codes: 0070102 Credit Code: SS

Synagogue Skills Level 3: Ahavah focuses on mastering and leading a central portion of morning and evening prayer services, that is, the prayers before and after the Sh'ma. Students in Level 3 will be able to lead a weekday or Shabbat Birkat haMazon (Grace after Meals), and Havdalah, the ceremony marking the end of Shabbat. Students' Shabbat and holiday song repertoire will also be expanded further.

Synagogue Skills Level 4: Halleluyah

Course Codes: 0070104 Credit Code: SS

Synagogue Skills Level 4: Halleluyah focuses on the use of Tehillim (Psalms) in Jewish prayer. Students will become familiar with Tehillim that feature in P'sukei d'Zimrah (Preliminary Songs), Kabbalat Shabbat (Welcoming the Sabbath), and Hallel (songs of praise for holidays) and be able to lead selections from each service. Students will also add special holiday portions of Birkat haMazon (Grace after Meals) and enrich their Shabbat and holiday song repertoire further.

With Synagogue Skills proficiency at level IV, students may select alternative Jewish Studies elective courses.

Academic Electives

Leadership I Elective (11th / 12th grades only)

Course Code: 0090001

Credit Code: AE

Through activities and discussions based on *The Leadership Challenge* and the *Student Leadership Practices Inventory* developed by Kouzes and Posner, this elective course will examine the ideas of leadership and different leadership styles. Participants will begin to identify and develop their own leadership styles. Leadership I is a prerequisite for participation in Leadership II as well as for AHA's Madrichim program.

Leadership II Elective (11th / 12th grades only)

Course Code: 0090002

Credit Code: AE

Building on the concepts presented in Leadership I, participants in Leadership II will design and implement their personal Leadership Development Action Plan. They will then have the opportunity to put that plan into action by taking part in several leadership development activities. Pre-requisite: Leadership I.

Arabic I

Course Code: 0071206

Credit Code: AE

This elective will attempt to provide a modest contribution to dissolving prejudices and create an appropriate forum for those who are seeking to expand their knowledge of the Arabic language. One of the main goals of this course is to introduce students to Arabic script in order to enable them to read short texts in modern, literary Arabic. In addition, students will acquire basic knowledge in spoken (popular) Arabic, hopefully giving them the ability to carry on brief conversations in one of the spoken dialects of Arabic. Finally, the course will focus on the similarities between Hebrew, the language of Jewish ancients, and Arabic, which has recently assumed the status of an international language.

Hebrew II or higher is prerequisite.

Arabic II

Course Code: 0071207

Credit Code: AE

Prerequisite: Arabic I. Arabic II goes beyond Arabic I by focusing more on speaking the Arabic dialect that is used in Israel today. It will also continue to reemphasize reading and writing the Arabic language.

Spanish I

Course Code: 0071202

Credit Code: AE

This course is an introduction to the study of the Spanish language. Students will learn grammar basics, functional vocabulary, and begin to hold simple conversations about their daily lives. The context of the course focuses on everyday experiences and students' lives as they learn about some of the unique customs and practices of the Spanish-speaking world. The four skills of reading, writing, listening and speaking will be integrated throughout the course through various activities, games, videos and scenarios. Students who take this course will have a basic understanding of the language and the countries where it is spoken.

Spanish II

Course Code: 0071203

Credit Code: AE

Spanish II students will expand upon the skills developed in Spanish I. Students will be able to participate in short conversational situations and will begin to work on skills for describing, narrating, and summarizing familiar topics. Emphasis will be placed on understanding main ideas and being able to convey that understanding both verbally and through writing simple sentences. While the context of the course will remain familiar to students' everyday lives, students will begin to use different verb tenses to give more accurate explanations of events and situations. Grammar skills are integrated throughout the course. As in Spanish I, students will continue to learn about the different lifestyles of Spanish-speaking countries and examine some of the influences and history behind their traditions.

Literary Magazine

Course Code: 0010007

Credit Code: AE

The literary magazine elective is a production class for the Academy's own literary and artistic magazine, Unbound, published once each year at the end of the spring term. The staff of Unbound meets twice each week with its advisor to review submissions from students (usually poetry, short fiction, art, and photography) and to create the layout and cover design of the magazine. Students learn to manage the production of the magazine from start to finish and handle distribution to students, faculty, and parents. As its mission states, "Unbound functions as a forum for student expression as well as a vehicle for aspiring writers, artists, photographers, and journalists." Grading is O, G, N, P.

Literary Magazine (PreProduction)

Course Code: 0010006

Credit Code: AE

The Pre-production elective, offered during the winter term, meets twice each week to prepare for the full-scale production of Unbound during the spring term. Students will create a campaign to raise awareness of Unbound, including publicity in several school-wide venues (from the hallways to the website), make a production schedule and set deadlines for the spring, solicit submissions, and design and carry out at least one event or activity meant to contribute to the literary life on campus (possibilities include a "coffeehouse" reading, perhaps, or a small-scale contest whose winner's work will appear in Unbound). Grading is O, G, N, P.

Creative Writing

Course Code: 0010005

Credit Code: AE

The Creative Writing elective is an introduction to the writing of literary short fiction and poetry. The course will meet twice each week, and the bulk of the coursework will be done in class. It will focus on generating stories and poems by way of exercises that will develop a variety of skills, from the crafting of dialogue to the creation of images. Although the explicit work of the course is "creative" literary writing, the skills required are portable to most other writing tasks, so students who apply themselves will also be able to improve their work in other classes. By the end of the term, students will have created a portfolio of work-in-progress to demonstrate the quality of their effort. Grading is O, G, N, P.

Yearbook

Course Code: 0010004

Credit Code: AE

Yearbook is a year-long course with an emphasis on the study of journalism, journalistic writing, photojournalism, and modern journalistic literature. Students will be responsible for the production, publication, and marketing of the school yearbook using theories of journalism including financing, writing, design and photography. By using creative yearbook design and key themes students will produce a quality yearbook employing the current standards of high school journalism in hopes to cover the entire school population and report on events throughout the school year. Students will produce not only a memory book, but a reference source, and an educational tool that affirms the self esteem of the individual student and the identity of the larger community.

Newspaper/Journalism

Course Code: 0010008

Credit Code: AE

The Newspaper/Journalism I elective introduces students to the fundamental practices of journalism. The class will develop the skills of writing, general assignment reporting, editing, and news gathering. Over the semester, students will practice these news techniques through a variety of writing and news-gathering projects.

Newspaper/Journalism II

Course Code: 0010008

Credit Code: AE

Prerequisite: Newspaper/Journalism I. Newspaper/journalism II continues developing skills and exploring topics of news media and publication, such as the design principles of layout and the legal guidelines and ethical standards of mass media publication. While in this class, students will begin to write for and work on the school newspaper (*The AHA Standard*) to give the students the experience of working on a newspaper staff.

Newspaper Workshop

Course Code: 0010010

Credit Code: AE

Prerequisite: Newspaper/Journalism I & II or instructor permission. This class primarily is a hands-on workshop to develop *The AHA Standard*, the school's student newspaper. In class, the students will collaboratively brainstorm story ideas, workshop articles, copy edit articles, design layout, and hone other skills necessary for the production of a newspaper. This class will provide a space for students interested in media and publication to share ideas and energy, while practicing the principles of good journalism.

US History Elective

Course Code: 0050301

Credit Code: AE

This enrichment elective provides study of additional factual material and drill exercises using AP-style examinations in order to better prepare the student for the AP US History Exam.

European History Elective

Course Code: 0050269

Credit Code: AE

This enrichment elective provides study of additional factual material and drill exercises using AP-style examinations in order to better prepare the student for the AP European History Exam.

Speech and Debate

Course Code: 0070070

Credit Code: AE

Debate (Lincoln Douglas and Policy Debate) teaches students how to research in college libraries, think logically, think fast, and speak effectively and persuasively.

In Lincoln-Douglas debate students will explore areas of secular philosophy concerning values clarification and apply it to current moral or values oriented issues. Students will do this by reading various philosophers, and discussing moral dilemmas confronting society today. These two academic exercises will then be combined to produce structured and reasoned arguments on either side of an issue. Students will then compete with each other, each student taking affirmative and negative positions of the same issues.

Policy debaters will learn to analyze a topic, develop a policy (plan) that supports the topic and authoritative evidence to support a change in the status quo (affirmative). They will also accumulate evidence to refute any plan that threatens to change the status quo (negative). Once each student has developed arguments on both sides of the topic, he/she will compete to form the best policy. The policy to be dated will be the National Forensic League topic for the year.

Astrophysics

Course Code: 0040801

Credit Code: AE

This course will introduce several basic concepts of Astrophysics such as 1) History of the Universe, 2) Electromagnetic Radiation and 3) Stellar Astrophysics (classification, (structure and evolution of stars, high energy and low energy objects in the universe....). Some of the topics used for class discussion are Newton's law of universal gravitation, Kepler's laws of planetary motion, Doppler effect, Rutherford-Bohr's model of the atom, Kirchoff's rules of spectral analysis, Maxwell's theory of electromagnetic waves, Planck's formula of a photon energy, blackbody radiation theory, nuclear fission and fusion, Einstein's theory of relativity, and inverse-square law for light luminosity.

The most important aspect of this course is that it will provide opportunity for students to investigate topics of interest, to develop critical thinking and communication skills and to get a feeling of not only being a student, but a scientist and a teacher at the same time.

Energy

Course Code: 0040802 Credit Code: AE

This course is designed to 1) study the two major forms energies, renewable and nonrenewable, and 2) to use economics and common sense to decide on alternate energy sources. Examples of energy topics are solar, wind, geothermal, biomass (biological), hydropower and ocean for renewable source of energy and fossil fuels (chemical) and nuclear for nonrenewable sources. The most important aspect of this course is that it will provide opportunity for students to investigate topics of interest, to develop critical thinking and communication skills and to get a feeling of not only being a student, but a scientist and a teacher at the same time.

Plant Biology

Course Code: 0040803 Credit Code: AE

This course provides an introduction to the study of plants. Combining hands-on learning and classroom lecture, the course focuses on the plant kingdom while exploring themes related to ecology, evolution, and genetics. The first few weeks touch on basic concepts of plant biology. The remainder of the course follows the evolutionary history of plants starting from plants' conquest of land to the diversification of flowering plants. Throughout the trimester, students have the opportunity to grow their own plants and maintain the botany lab. While a familiarity with general biology is encouraged, all students are welcome to enroll in Plant Biology.

Science and Society

Course Code: 0040804 Credit Code: AE

Science and Society covers the interplay between science and the general public it serves. Political, ethical, and other social dimensions of the biological sciences are discussed through the examination of historical cases and thinkers from all ends of the political spectrum. Close examination of developments in the biological sciences can lead to questions about the social influences shaping scientists' work or its application. Topics include evolution and natural selection; heredity, development and genetic determinism; biotechnology and reproductive interventions. Participants are invited to address the course material on a number of levels: as an opportunity to learn the science and interpretive approaches; as an opportunity to learn about issues relevant to modern biological research; and as an opportunity to further develop critical thinking.

Math Challenge: Non-routine Problems

Course Code: 0020901 Credit Code: AE

This course is designed to help students who aspire to be "out of the box" thinkers. Emphasis will be on problem solving using unconventional methods. The course will be taught on topics that are often seen in math contests. Students are expected to be fluent in basic arithmetic skills in order to focus on problem solving. Students are expected to take part in various math contests organized by math department. The course is open to students at all grade levels.

Information Technologies Electives

The Academy's use of technology includes more than just using a computer for word processing and e-mail. By making technology part of a student's working life we empower them to perform to their maximum potential. The IT Department is charged not only with providing technology to the campus but also with educating our students in the use of technology for all of its potential applications. This includes not only computer programming and systems, but also use of computing for making movies, TV shows (campus news), yearbooks, web sites, photographs, and as time move on all of the new applications the future will hold. The following elective courses will do just this. Course offerings will differ from term to term depending on student interest.

IT Orientation

Course Code: 0070001

Credit Code: IT

This course is designed to have students learn the technology used at the American Hebrew Academy, both on the student's laptop as well as in the classroom, on the Academy's servers, and around campus. A series of projects expose each student to the applications and equipment they will need to complete assignments for many of their courses at the Academy. Issues of ethics and safety as it apply to Internet-related behavior and the use of Internet-discovered content is also covered during the term.

Robotics I: Engineering & Construction

Course Code: 0070209

Credit Code: IT

This course is intended to introduce students to engineering and constructions concepts and practices by building strong, stable robots using the LEGOMindstorms® NXT platform. Fundamental concepts covering gears, pulleys, belts, differentials, power and motor control and the coupling of motors and sensors will be explored through construction and demonstration exercises. A series of challenges during the term will allow students to develop practical, demonstrable solutions to increasingly difficult problems. The course is open to all students

Robotics II: Programming

Course Code: 0070210

Credit Code: IT

This course is designed to introduce students to concepts of modern computer programming. Using the LEGOMindstorms® NXT platform, students will learn to control their robots in increasingly complex and autonomous projects. Basic computer concepts central to procedure and object-oriented design will allow students a foundation to our AP Computer Science class. The course is open to all students. Those students having taken the Robotics I class may use the techniques learned in that course to enhance their prior robot projects and designs.

Designing Web Sites

Course Code: 0070037

Credit Code: IT

This course is designed for those who wish to try their hand as web site developers. Students will be provided with their own web site on the Academy's web server. Using Microsoft's Expression Web and other software tools, students will learn how to create and maintain their sites using HTML markup language and CSS formatting and styling code. Best practices in web design and display of graphic and text content will also be covered.

Computer Based Graphic Design

Course Code: 0070207

Credit Code: IT

This course allows students to become proficient in 3-dimensional graphic design. Using Google Sketchup, a free-form computer-aided design application, students learn the capabilities of a sophisticated software package to create images of interior and exterior structures, to use libraries of elements integrated into their design and to attempt to solve real-world problems visual solutions. Concepts of drawing styles, perspective and human factors engineering are also covered.

Digital Movie Making

Course Code: 0070002

Credit Code: IT

This course covers the elements of movie making from concept to scripting to editing and production to presentation. It is designed for students who wish to learn new techniques and become proficient in using digital movie making equipment and video editing software.

***AP Computer Science**

Course Code: 0020101

Credit Code: AE

This course is the Academy's most advanced IT class. Its emphasis is on learning object-oriented programming methodology using the Java programming language. Topics include algorithm development, basic data structures, abstraction, and problem solving. Advanced Placement Computer Science A is designed to be the equivalent of a first semester college level computer science course.

**This course is awarded 1 additional quality point in the calculation of GPAs.*

Fine Arts

MUSIC

AHA cappella (not offered in 2010-2011)

Course Code: 0070022

Credit Code: PA

AHA cappella is an auditioned singing group that performs on campus and in the community as frequently as possible. Make-up of the group will depend upon the students who audition. It may be a traditional quartet, a men's or women's quartet or a women's trio. Ideally, it will be an octet with 2 people on each part. Literature sung includes traditional, pop, and folk music, both in English and Hebrew.

Chorus

Course Code: 0070022

Credit Code: PA

Chorus is designed for the development of personal character and high ethical standards through the development of skills in vocal technique, sight-reading, proper breathing and posture, musical vocabulary enrichment, and performance skills. It is designed to develop small ensemble skills, which require advanced listening and vocal skills and personal commitment to quality rehearsal. Literature sung includes traditional, pop, and folk music, both in English and Hebrew.

Class Voice

Course Code: 0077002

Credit Code: PA

Voice Class is offered as a way for students to receive private voice instruction in a group setting at no additional cost. The class is limited to 5 students. Students will be offered instruction on proper posture, breathing, and relaxation. Instruction will also be given on lyric and musical interpretation, correct sound production, understand and expressing rhythm. Training will also be given on elements of music theory. Students enrolling in the class must commit to rehearsing on their own every day in preparation for the class.

Class Piano

Course Code: 0077008

Credit Code: PA

This class is open to all levels of players. Practice outside of class is encouraged but not required. Students will work on pieces to improve performance skills. Each student will initially meet with the instructor to assess skills and decide on goals for the semester. Students are required to pay for any new books or music, and may also bring music from home. Class members will have opportunities to perform at an AHA event.

Songwriting

Course Code: 0077006

Credit Code: PA

Students will learn the basics of songwriting through guided group discussion and sharing of creative ideas. Although a general knowledge of music theory will be helpful, it is not required. Experience playing guitar and/or keyboard will also be helpful but also is not required. Students will have an opportunity to perform at an AHA event.

Songwriting II (not offered in 2010-2011)

Course Code: 0077016

Credit Code: PA

Students will continue learning the basics of songwriting. They will also explore the "how to's" of copyrighting music and getting songs published. Song collaboration will also be explored and guest artists will visit class to share songwriting tips. Students will perform songs for an AHA event this year.

Songwriting 1 is a prerequisite for this course. This may be waived with permission from the instructor.

THEATRE AND PERFORMANCE ARTS

Acting 1

Course Code: 0070004

Credit Code: PA

Acting 1 offers a variety of exercises and techniques that use scripts and scene work, and improvisational techniques to learn about stage performance. This class does not result in a performance, except in front of others enrolled in the class, and is an excellent way to get a performance credit without being in a show.

Playwriting

Course Code: 0070042

Credit Code: PA

In Playwriting, students will learn all the tricks of the trade as well as proper formatting for writing a play, including monologues, dialogues, a one-page play, a ten-minute play, and a one-act. Your completed play/s will be given a "staged reading" at the end of the class.

Fall Performance Play (by audition)

Course Code: 0070033

Credit Code: PA

Students will develop individual and cast performance skills and to learn and develop tech skills associated with the production of a live performance. . Actors receive one-on-one and group acting instruction and direction and are expected to do character analysis, take blocking notes, and be responsible for all aspects of their performance in partnership with each other. Other skills learned are teamwork, and cognitive decision-making skills relating to acting live.

Winter Performance Play (by audition)

Course Code: 0070033

Credit Code: PA

The Winter Musical is performed on parents' weekend and includes singing, dancing, and a storyline. Skills learned are teamwork, character interpretation and development, and cognitive skills relating to acting and singing live. . Actors receive one-on-one and group acting instruction and direction and are expected to do character analysis, take blocking notes, and be responsible for all aspects of their performance in partnership with each other. Past musicals have included Leader of the Pack: The Ellie Greenwich Story, Little Shop of Horrors, Working, and You're A Good Man Charlie Brown. Of all the mainstage performances, the Winter Musical takes the most time and commitment.

Spring Performance Play (by audition)

Course Code: 0070033

Credit Code: PA

Spring Performance allows students to assist with or perform in a dramatic or comedic play. In the process, they learn how to work in their field in a professional manner. Actors receive one-on-one and group acting instruction and direction and are expected to do character analysis, take blocking notes, and be responsible for all aspects of their performance in partnership with each other. Technicians manage all facets of stage management, sound, lights, sets, and properties and learn to run the show independently. The course culminates in a set of performances for the school and Greensboro community.

Discovery Improvisation

Course Code: 0070131

Credit Code: PA

In this introduction to theatrical improvisation, students will learn about different types of improv, including Playback Theatre, comedy improv games and unscripted monologues/scenes. Students will become more comfortable in speaking and acting in front of others. Creativity and spontaneity will be heightened, as will group skills, such as listening carefully and offering constructive feedback. Students in this elective will perform for classmates/teacher only; there is not a public performance scheduled for this class.

Comedy Improv Troupe: CHEESEWAGON

Course Code: 0070031

Credit Code: PA

Members of the AHA Cheesewagon troupe will be selected by audition. Students will learn, practice and perform a wide variety of comedy improv games and structures. Team-building, listening skills, leadership and creativity are a big focus in this elective, as students learn to support each other to create a successful show. Public performances will take place on- and off-campus, with audiences ranging from elementary-school children to AHA peers/families to senior citizens.

Theatre of Witness (not offered in 2010-2011)

Course Code: 0070035

Credit Code: PA

In this elective, students will work together to create a play based on their own life experiences. Students will participate in theatre exercises that create a foundation and trust and collaboration within the group while teaching drama techniques. In a series of creative writing exercises, students will be given a chance to share pivotal life experiences with the group. Using these stories, students will work with the teacher to create a script. In the final stages of the course, students will learn and practice theatre skills such as projection, playing various characters, stage directions, and memorization and they rehearse the play. The class culminates in a production.

Swing Dancing

Course Code: 0070051

Credit Code: PA

In Beginning Swing Dancing, students gain basic lead and follow techniques applicable to all forms of partnered dance. They learn the fundamentals and history of various American dance forms of the 1920s, 30s, and 40s, including Blues, Jitterbug, Charleston, Lindy Hop, West Coast Swing, and Balboa as well as their connections to Jewish history and the history of other minorities in America. Students practice routines incorporating jazz dance steps on which swing dance forms are based. Dips, tricks, and musicality are also taught. Students apply their skills both in performance and on the social dance floor.

Swing Dancing: Advanced

Course Code: 0070052

Credit Code: PA

In Advanced Swing Dancing, students build on the fundamentals of various American dance forms of the 1920s, 30s, and 40s, including Blues, Jitterbug, Charleston, Lindy Hop, and Balboa. Students learn how to add pizzazz to their intermediate skills, and advance their lead and follow techniques applicable to all forms of partnered dance. They continue to learn routines incorporating jazz dance steps on which swing dance forms are based. Dips, tricks, and musicality are also taught. Students apply their skills both in performance and on the social dance floor. Due to the advanced nature of the course, students should expect to be stretched physically and mentally as they attain new levels of connection.

VISUAL ARTS

The Art of Viewing Films

Course Code: 0070044

Credit Code: VA

The class examines the following: How do filmmakers want us to see their films? What are the artistic devices they use? What do they look for in a good story? How are plotlines and characters developed? How is comedy, tragedy, horror, or everyday events used? How are symbols, colors, forms incorporated? Students will learn how to look for answer to these questions while watching a variety of films both classic and contemporary.

Film, Philosophy and Art (Juniors and Seniors only) (not offered in 2010-2011)

Course Code: 0070040

Credit Code: VA

Students view contemporary films through the eyes of philosophers. This class introduces student to the main ideas of several philosophers, and to cutting edge filmmakers and their stories, philosophies, and art. The final project is a three page paper in which students engage one of the philosophers studied, and the issues of some of the films viewed.

Art 1: Drawing and Watercolor

Course Code: 0070021

Credit Code: VA

Students learn the basics of drawing, including perspective, shading, sketching people, nature and objects. Next, they learn to combine techniques of watercolor with their drawing skills. This class is a must for students who are considering art or architecture as a college major or minor.

Art Two: Acrylic and Oil

Course Code: 0070221

Credit Code: VA

Students learn methods of painting, beginning with acrylics and moving on to oils. The activities and exercises focus on exploration through several small pieces rather than on one large "masterpiece."

Art Three: Sculpture and 3-D Design(not offered in 2010-2011)

Course Code: 0070321

Credit Code: VA

Students learn methods and techniques for creating 3-D sculptural pieces using a variety of media: paper, clay, wood, wire and stone-carving.

Art Four: Experimentations in Design/Techniques (not offered in 2010-2011)

Course Code: 0070044

Credit Code: VA

Students experiment with a variety of design activities and techniques in this art class, including printmaking, color work, the use of photographs in art, sculpture and even performance art. This is an excellent class for those who will major or minor in art or graphic design in college.

Studio Art (for Juniors and Seniors, by approval of instructor)

Course Code: 0070020

Credit Code: VA

Studio Art is designed for accomplished, self-motivated artists (juniors and seniors only, by approval of instructor). The class is an extended art period that incorporates the fundamentals of design, color, and technique through in-class projects and sketchbook work with more time for additional projects and creative experimentation. Students must be able to work on their own with time in class completely devoted to art-making. All art must be photographed and assembled in an on-line portfolio.

***AP Studio Art** (Year-Long for Seniors, with permission)

Course Code: 0072000

Credit Code: VA

A class taught according to AP Studio Art standards that results in a student portfolio as the final exam. For seniors only, with permission. Students use a college art textbook, keep a sketchbook for the entire year, and create 24 pieces for submission to AP judges.

**This course is awarded 1 additional quality point in the calculation of GPAs.*

Photography 1 – Basic Camera & Photo Techniques

Course Code: 0070025

Credit Code: VA

This entry-level course is for those who want to learn effective camera operation and covers everything from loading a 35mm camera to proper exposure, depth of field, composition and selection of lenses. Students will learn the differences between 35mm film, digital SLR, digital point and shoot and larger formatted cameras. Students will learn the fundamentals of creating good photographic images using creative self-expression. Camera with adjustable settings is required. Students will have an introduction to digital imaging, photos on floppy/CD and photo-editing software. With an emphasis on digital cameras, students will explore how all of the above tie together. *There is a \$50 supply fee for taking this course.*

Photography 2 – Advanced Camera & Photo Techniques

Course Code: 0070026

Credit Code: VA

This course bridges the gap between Photo 1 – Basic Camera & Photo Techniques and Photo 3 - Photography as Art. Students will learn to see "photographically" by exploring in-depth the camera's features and results and how to capture what you see in your mind's eye. You'll also learn how various lenses and other equipment, including a variety of lighting situations can be used as tools for self-expression. Learn how to adjust and improve existing images. Students will become familiar with image-manipulation programs to correct and manage their digital files. Printers and printing options will also be discussed. Photo 1 is a prerequisite. *There is a \$50 supply fee for taking this course.*

Photography 3 – Photography as Art

Course Code: 0070028

Credit Code: VA

For those who have learned the basics, this class offers a creative way to expand your photographic capabilities. Some exercises may include the following aspects of photographic use: modeling, life events, portraits, performances, sports, photojournalism, and photography as art. Students hone their skills and take them to a new level by learning photographic processes to create unique one of a kind images that express their creativity. Learn special techniques including night photography, painting with light and transparency lighting. Photo 1&2 is a prerequisite. *There is a \$50 supply fee for taking this course.*

Basics of Fashion and Costume Design

Course Code: 0070038

Credit Code: VA

Student study fashion's purposes and appearances through the centuries. They complete such activities as: draw simple human forms on which to design clothing; design a week's worth of clothing for an imaginary trip; create a fashion line and name it; create and drape dress designs on manikins. The basics of good design, color and style are emphasized.

Explorations in Clay

Course Code: 0070223

Credit Code: PA

Students will explore the creative possibilities of clay without using a potter's wheel. Beginners will learn pinch, slab and coil techniques to create various projects. Decorating and glazing techniques will also be explored. *There is a \$50 supply fee for taking this course.*

(Arts Courses CoCurricular with Jewish Studies Department)

Holocaust Imagery

Course Code: 0066101

Credit Code: JS or VA

Students view the Holocaust through theological and artistic understanding. They engage with material through their own art and journaling as well as classroom debates, articles and artwork. Students write artist's statements for each work they produce that engages the ideas of theologians and artists studied, as well as their personal views.

Bible in Art (Juniors and Seniors)

Course Code: 0060215

Credit Code: JS or VA

Students explore selected biblical texts for imagery and meanings, engage the wisdom Talmudic and midrashic texts, intersect it with contemporary interpretations, then view historical and contemporary art inspired from the texts. Students create their own artistic interpretations of selected stories or texts and write artist's statements to accompany each piece.