



# LINCOLN ACADEMY

## COURSE GUIDE

2023-24



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2023-34 COURSE GUIDE PHOTOGRAPHS BY:  
Jenny Mayher, Kate Mess, & Abigayle Reed ‘23



WELCOME TO LINCOLN ACADEMY  
AN INDEPENDENT, COMPREHENSIVE SECONDARY SCHOOL  
FOR DAY AND RESIDENTIAL STUDENTS

MISSION

Grounded in community, global in vision, and rich in opportunity, Lincoln Academy challenges all students to grow in skills and scholarship, serve others, and lead fulfilling lives.

VISION

- Lincoln Academy will:
- Guide and empower students to develop the skills they need to build lives of meaning and purpose.
  - Promote global citizenship, problem solving, creativity, and critical thinking to prepare students for an increasingly complex and interconnected world.
  - Offer opportunities for faculty and staff enrichment that enhance education, model lifelong learning, and foster a culture of personal growth.
  - Utilize our unique coastal Maine location as an educational laboratory, enriching understanding of environmental stewardship, ecology, culture, history, and economic opportunity.
  - Ensure a well-resourced and financially sustainable institution.
  - Position Lincoln Academy as a community hub of learning and excellence that contributes to the economic vitality of our region.

CORE VALUES

**Community**  
Lincoln Academy, with proud ties to the local community since 1801, is more than a school. It serves as a social, educational, and community center. We believe that community is the foundation for student learning and growth, and we encourage students to seek opportunities for community engagement that enriches themselves and our region.

**Diversity**  
Students at Lincoln Academy have a rich diversity of strengths, skills, and life experiences. We believe that these differences create a stronger learning environment for all students. We are committed to meeting the needs and supporting the aspirations of all students within their wide range of cultures, learning styles, socioeconomic backgrounds, and national and individual identities.

**Character**  
We believe that the character of our students is vital to their success, and to the school as a whole. We model excellence, compassion, honesty, fairness, perseverance, and service to others to inspire students to develop traits that will strengthen their future relationships and ability to lead fulfilling lives.

**Critical Thinking**  
We believe that the ability to think through complex problems is vitally important in learning and in life. We challenge students to think critically, evaluate large issues from multiple perspectives, and make decisions based on sound reasoning.

**Exploration**  
We provide ALL students with opportunities for discovery and growth. We encourage them to study subjects that challenge, engage in extracurricular activities, consider travel opportunities, collaborate, and follow their passions both in and out of the classroom.

**Communication**  
Communication is a foundational skill that we nurture throughout the school. We encourage students to convey their ideas effectively, and listen to and respect the opinions of others.

**Supporting Students**  
We believe that students learn best in a safe and respectful environment that provides academic, social and emotional support. We strive to connect those in need with the resources and assistance necessary to fully access their education.

*Adopted by the Lincoln Academy Board of Trustees in January, 2018*



LINCOLN ACADEMY

Founded 1801

81 Academy Hill • Newcastle, Maine 04553 • 207-563-3596  
www.lincolnacademy.org  
CEEB: 200685

SCHOOL LEADERSHIP

207-563-3596 ext. 2102 or 2103

**Jeffrey Burroughs**  
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COMMUNITY

Founded in 1801, Lincoln Academy has proudly served its community for more than 200 years, providing a comprehensive education to a diverse population of students.

LA is located in the picturesque coastal town of Newcastle Maine, 50 miles from Portland, in a community made up of artists, fishermen, farmers, carpenters, laborers, professionals and retirees. A town academy with a residential program, LA serves 580 students from 20 towns in Maine and more than a dozen countries around the world. LA has served Maine’s midcoast region as the school of choice for many generations of local families.

CAREER & ACADEMIC COUNSELING

207-563-3596 ext. 1111 or 2128

**Eliza P.M. Gleason**  
Director of Career & Academic Counseling  
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ext. 2127

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ACCREDITATION

Lincoln Academy is an independent school accredited by the New England Association of Schools and Colleges and approved by the state of Maine for attendance and tuition purposes.

NON-DISCRIMINATION/  
AFFIRMATIVE ACTION POLICY

It is the policy of Lincoln Academy to ensure equal employment and education opportunities and affirmative action regardless of race, sex, color, national origin, sexual orientation, marital status, age, handicap, or religion in accordance with all federal and state laws and regulations relative to discrimination. Sexual harassment is recognized as a form of gender discrimination.

ACADEMIC PLANNING:  
GENERAL INFORMATION

The academic planning process at Lincoln Academy is a deliberate and careful process, designed to allow each student to create a unique learning experience that best matches their interests and aspirations. Academic planning begins in the winter of the previous academic year and involves meetings with advisors and counselors, consultation with parents, and an ongoing revision of a four year plan.

This course guide is designed to aid students and families in making decisions about their academic future. The following pages contain the course offerings at Lincoln Academy for the 2023-24 school year. As you review the course offerings pay attention to particular criteria that may apply to courses, such as prerequisites (courses you must complete before enrolling) or restrictions to a particular year, i.e. freshmen only. These details are found below the course title.

Students are expected to carry a minimum of six (6) credits each year although students may take more with approval.

Occasionally, electives are oversubscribed, or a schedule conflict arises when two courses selected are offered at the same time. Therefore, we recommend that students choose alternative electives in case first choices are unavailable. There is a space on the Course Registration form where students can list alternative choices, should a conflict occur.

Please take time and care in selecting courses, as these decisions are very important. Your choices will form your program for next year and will be critical elements in your preparation for future education and employment. Before making final choices, students should consult with parents, teachers, and advisors. Teachers and Career and Academic Counselors are also available to advise and answer questions.

Sample Schedule:

A DAY	B DAY
Period 1: English 2 (year long)	Period 1: Wind Ensemble (year)
Advisor group	Advisor group
Period 2: Spanish 2 (year long)	Period 2: Tri 1: Dig. Photo Tri 2: Wellness 1 Tri 3: Study Hall
Period 3 (with lunch): Study Hall	Period 3 (with lunch): Intro to Econ (year long)
Period 4: Chemistry (year long)	Period 4: Geometry (year long)

CAREER & ACADEMIC COUNSELING SERVICES

The Career and Academic Counseling Office is staffed by three counselors and two administrative assistants. This office begins its service to students and parents with the introduction of Lincoln Academy to incoming eighth graders and continues its service through senior year and students’ transition to post-secondary education, work, military, or other pursuits. We welcome students of any age to return to us for assistance in future planning. For more information, please visit the Career and Academic Counseling Services website at www.lincolnacademy.org/academics/Guidance/.

Please note, students are assigned to Career & Academic Counselors by last name. Alicia Lemar works with students whose last names begin with letters A-F, Jose Cordero works with students whose last names begin with letters G-M and residential students, and Eliza Gleason works with students whose last names begin with N-Z. Please contact the office if you have any questions.

TRIMESTER SYSTEM

Lincoln Academy academic programming is delivered through a trimester system with three grading periods during the year. All courses are one or three trimesters long, for 1/3 or one full credit, respectively. The fall trimester runs from September to November, the winter trimester from November to March, and the spring trimester from March to June. There are vacation breaks in November, December, February, and April.

GRADUATION REQUIREMENTS:

- CLASS OF 2024: TOTAL CREDITS: TWENTY-TWO (22)
- BEGINNING WITH CLASS OF 2025: TOTAL CREDITS: TWENTY-THREE (23)

SUBJECT SPECIFIC REQUIREMENTS:

- English: Four (4) credits.
- Social Studies: Two (2) credits for the class of 2024, three (3) credits beginning with the class of 2025 to include World History (9th grade) and U.S. History (11th grade).
- Mathematics: Three (3) credits.
- Science: Two (2) credits. One Physical Science credit and one Life Science credit.
- Visual and Performing Arts: One (1) credit. 1/6 *Performing Arts credit can be earned through participation in a Lincoln Academy after school play production.*
- Design, Engineering & Technology: One-third (1/3) credit.
- Wellness: One and two thirds (1 2/3) credits.
  - 2 trimesters of Wellness
  - 1 trimester of Fitness & Weight Training
  - 2 additional trimesters of Wellness electives
  - OR 6 seasons of participation on a JV/varsity team.



GRADUATION REQUIREMENTS FOR INTERNATIONAL STUDENTS

The specific graduation requirements for international students are adjusted based on the number of years in attendance at Lincoln Academy. Please see the Career & Academic Counseling Office for more information.

*To graduate from Lincoln Academy, all international students must reach academic proficiency in English and take English IV or AP English IV. See individual Course Guide sections for descriptions of each course.*

HONOR ROLL AND HIGH HONOR ROLL

Students who earn an 80 or above in every class at the end of each trimester will be named to the honor roll. Students who earn a 90 or above in every class at the end of each trimester will be named to the high honor roll.

IMPORTANT CONSIDERATIONS

PREPARATION FOR POST-SECONDARY SCHOOLS

The Career and Academic Counseling Office will meet with students through formal and informal programming to plan for and investigate educational and career opportunities. LA offers students significant preparation for the future, and School Counselors work with students who are encouraged to leave every possible door open by consistently taking the most challenging program in which they can be successful. Like everything, balance is of the utmost importance. The CAC Office is here to help in this time for reflection, self-discovery, and important decision making for students.

COURSE LEVELS

Courses at Lincoln Academy are offered with a range of levels of academic challenge. The majority of students participate in the “general” level of classes. These classes provide students with appropriate preparation for both college and the workplace. Students who are looking for a competitive college experience are encouraged to take Honors and AP classes in their areas of interest. Students who need more structure or a smaller classroom setting may take “practical or applied” levels of courses. Each student will build their own path through Lincoln Academy and may select courses from all levels simultaneously based on their academic strengths and interests.

HONORS COURSES

Incoming freshmen will complete an application to participate in honors classes. Students may apply for as many honors courses as they wish, although each course may have slightly different application requirements. Applications can be accessed through the Career and Academic Counseling Office (207-563-3596). Currently enrolled students should consult with the department head about entering an honors level

course. Some honors courses may require summer reading or other assignments.

ADVANCED PLACEMENT (AP) COURSES

Advanced Placement Exams are required for all AP courses except World Languages. The fee for the Spring 2024 AP Exams is \$97 per exam. Financial assistance is available for those students who meet the guidelines.

COURSE CHANGES AFTER THE SCHOOL YEAR BEGINS

Course changes should be made before the start of school. However, in the first two weeks of the school year for a full year class, or the first full week of a trimester class, students who find themselves misplaced may apply for a change. After that time, changes will only be made if the student is academically misplaced in a course or if circumstances have changed in a significant and unanticipated way. Any request for a course change starts with a conversation with the current teacher. While every effort is made to meet the educational needs of students, parents should understand that there are times when a class is full or there are scheduling conflicts that make changes impossible.

POWERSCHOOL AND CANVAS

Lincoln Academy provides secure online access to individual students’ current grades, assignments, and attendance through Canvas and PowerSchool. PowerSchool is Lincoln Academy’s Student Information System (SIS) and is the place where official grades of record are stored. Canvas is Lincoln Academy’s Learning Management System (LMS) and is used by students, teachers and parents. Canvas is an online tool that provides a universal approach to engaging students by providing materials, calendars, assignments, quizzes and collaboration for every class in one place. Canvas has many communication tools, it works in any browser (or parents and students can get the mobile app) and can be accessed at school or at home, enabling students, teachers and parents to stay in touch and organize their work. Teachers may use Canvas for feedback and for grades, assignments, and assessments, but the official grade of record will be documented in PowerSchool.

TECHNOLOGY AT LINCOLN ACADEMY

Lincoln Academy strives to prepare its students for the future by instilling values of digital citizenship and teaching 21st century technology skills. Teachers integrate technology into their curriculum in many ways, including online coursework, collaborative learning, and other tools. Students must follow the school’s Acceptable Use Policy and any additional technology policies. Students will need to provide their own laptop or chromebook for their academic work at Lincoln Academy.

SUGGESTED CREDITS FOR COLLEGE ADMISSION

COURSE	4-YEAR SELECTIVE SCHOOLS	4-YEAR LESS SELECTIVE COL- LEGES/UNIVERSITIES	1-2 YEAR COMMUNITY/ TECHNICAL COLLEGES
English	4	4	4
Algebra	2 (Honors Alg. II/Trig)	2	1 – 2
Geometry	1	1	1
Pre-Calculus	1		
Calculus	If possible		
Science w/labs	3 – 4	2 - 3	2
Social Studies	3	3	3
World Language (one language)	3 – 4	2+	
Visual & Performing Arts	1+	1+	1

*College admission requirements vary considerably from one school to another and from one course of study to another within the same institution; therefore, for more detailed information, students should consult the college’s website and seek advice from the Career and Academic Counseling Office.*





# COURSE DESCRIPTIONS

## ENGLISH DEPARTMENT

English courses at Lincoln Academy develop every student’s ability to read, write, speak, and listen to the best of his or her ability. Students gain the knowledge and skills necessary for successful engagement in college and the workplace beyond Lincoln Academy. We encourage each student to discover the power of language to shape ideas, to convey thoughts, to express personal insight, to persuade, to solve problems, and to make decisions. The English department treats each student individually while also encouraging effective communication in group settings.

### HONORS AND ADVANCED PLACEMENT (AP) COURSES

Honors courses are offered at the freshman and sophomore levels; AP Language and Composition is offered at the junior level; and AP Literature and Composition is offered at the senior level. Students who take an honors or AP course and maintain an 85 or above do not need to apply for the upper level course in the next year. Students with a grade below 85 or coming from a general course must complete an application to ensure readiness and suitability.

Students new to LA may pick up applications for upper level courses anytime by contacting Lincoln Academy’s English Department Head or the Career and Academic Counseling Office. Eighth graders may pick up applications from their teacher in February or may contact the LA Career and Academic Counseling Office at 563-3596. Honors and AP courses do require summer reading—generally two books—and some accompanying essays. Each teacher will give instructions about summer assignments.

Elective courses are available to students in all grades and may count in place of an English course only during the senior year.

*FEES AND REQUIREMENTS: A vocabulary workbook is used in most classes and costs approximately \$10.00. Juniors and seniors taking an AP course are required to take the exam, for which there is a fee.*

### FRESHMAN YEAR

#### ENGLISH I

*ENG101GEY 1 Credit*

This foundational course focuses on building reading, writing, speaking, and listening skills essential for success in high school. Students will read from a variety of literary genres including short stories, poetry, drama, and informational texts. Students focus on learning the elements of literature and fig-

urative language in imaginative literature, and will study informational texts for the relationships between speaker, audience, and subject. The class will read and discuss at least one classic novel, and through the year they will also choose their own books to read independently outside class. The study of drama during this course focuses on Shakespeare and a reading of Romeo and Juliet. Students will compose descriptive, narrative, and expository essays, while studying writing as a process that includes planning, drafting, revising, and publishing. Students will review and study basic grammar, usage, and mechanics to support their writing and speaking. Oral presentations and participation in class discussions are expected. As students become familiar with the library’s digital resources such as information databases, they will write academic papers containing an original thesis supported by evidence. All freshmen will study and expand their vocabulary using Vocabulary from Classical Roots.

*Representative reading list for English I students: Great Expectations, Keeper, To Kill a Mockingbird, Romeo and Juliet, West Side Story, This Boy’s Life, Lord of the Flies, and student-selected novels.*

#### HONORS ENGLISH I

*ENG101HNY 1 Credit*

Students in Honors English I will work to acquire a foundation for analytical reading and critical writing. The focus on grammar, usage, and syntax helps students improve their own writing skills and provides a knowledge base from which they can analyze the language of peers and published authors. Close reading, critical interpretation, and media literacy are a constant emphasis. Students learn the rigors of writing as they draft informative, comparative, argument, and narrative compositions. The complexities of the English language are studied through an examination of articles, essays, novels, short works, poetry, and drama. Students continue to expand their vocabulary by understanding the classical roots of both everyday and academic language. Summer reading and associated assignments are required. When compared with English I, this course requires a greater level of independence in both student reading and writing. Students also engage in a higher level of literary analysis and writing complexity.

*Representative reading list for Honors English I students: A variety of short stories, such as Edgar Allan Poe’s “The Cask of Amontillado,” Kate Chopin’s “The Story of an Hour,” and Amy Tan’s “Two Kinds.” Works of literary fiction, such as William Shakespeare’s Romeo and Juliet, Katherine Anne Porter’s Pale Horse, Pale Rider, and Harper Lee’s To Kill a Mockingbird. Contemporary non-fiction texts, such as Phuc Tran’s Sigh, Gone, Amy Bass’ One Goal, and A. Nor Iftin’s Call Me American.*

#### READING FOR TODAY

*ENG505GET 1/3 Credit (This course is for freshmen only)*

This course focuses on building the reading and literacy skills of first year students in the areas of fiction and informational texts. Student’s reading fluency is assessed at the beginning of



the course and appropriate goals of fluency and comprehension are established for each student. One goal of the course is to improve students’ ability to read texts across the curriculum – English texts, history books, science texts and articles, etc. The strategies developed and improved in this course should serve students throughout their years in high school in any course involving reading. We will provide reading strategies to aid with decoding, improve comprehension, increase speed, and raise student confidence in their ability to make meaning from a variety of texts.

### SOPHOMORE YEAR

#### ENGLISH II

*ENG201GEY 1 Credit*

English II for sophomores explores the theme of coming of age and identity and continues to expose students to a variety of literature: classical, contemporary, and young adult. It nurtures students’ desire to question, reflect on, and explore fiction and nonfiction readings and offers the opportunity to learn about others and to grow personally as a result. Diverse reading material provides the framework for a wide variety of writing assignments: analytical, critical, and responsive. In the pursuit of mastering the elements of effective composition, students continue the use of prewriting, drafting, self-editing, peer editing, and revising essays. All sophomores complete a personal research project that teaches a holistic process: the appropriate and effective use of technology, digital sources, content analysis and assimilation, thesis formation, source citation, and peer collaboration, all of which are synthesized in a formal paper.

The course reviews grammar, usage, and mechanics in composition, enriches students’ vocabulary through the study of Vocabulary from Classical Roots, and continues the study of Shakespeare, his life, time, and works.

*Representative reading list for English II students: Oedipus, The Glass Menagerie, Othello, Much Ado About Nothing, Secret Life of Bees, and A Separate Peace.*

#### HONORS ENGLISH II

*ENG201HNY 1 Credit*

Honors English II students work at a challenging pace and explore and respond to a variety of world literature selections. Students complete a personal research project that teaches a holistic process: the appropriate and effective use of technology and the world wide web, content analysis and assimilation, thesis formation, source citation, and peer collaboration, all of which are synthesized in a formal paper. Time is spent furthering comprehensive reading skills and the introduction of literary and rhetorical analysis. The course reviews grammar, usage, and mechanics in composition, Students are expected to choose independent reading books from the College Board’s list of 101 books for the college bound reader. Summer reading is required. Students receive their assignments and books in early June.

*Representative reading list for Honors English II: Readings from the Bible, Hamilton’s Mythology and Man the Myth-Maker, The Oedipus Cycle, selections from The Canterbury Tales, A Separate Peace, The Awakening, The Norton Anthology of Literature.*





JUNIOR YEAR

ENGLISH III

ENG301GEY 1 Credit

Junior English is a chronological survey of American literature from the Native Americans preceding the Colonists, to the present. The literature serves as our window into the themes and ideas that have contributed to America’s cultural heritage and diversity since its foundation. This course parallels the U.S. History course and students often benefit from the common time periods studied in the two classes. Students read essays, plays, speeches, short stories, fiction, and nonfiction by representative, well-known American authors. Students write in the following forms: personal responses to literature; personal essays; persuasive essays that clearly establish an argument and point of view; analytical essays, and synthesis essays. The writing relates directly to the reading done from the American literature text and the ideas pertinent to that time period. Emphasis is placed on understanding that a literary text is a product of a time period and is emblematic of the ideas and values of a people and a time. All juniors choose an American author to read, analyze, and research for the entire year, culminating in an in-depth paper about the writer and his or her work.

*Representative reading list for English III: Barbara Ehrenreich, Roxane Gay, Bill McKibben, Amanda Machado, Christopher Columbus, Jonathan Edwards, Thomas Jefferson, Elizabeth Cady Stanton, Harriet Beecher Stowe, Abraham Lincoln, Frederick Douglass, Ralph Waldo Emerson, Henry David Thoreau, Mark Twain, W.E.B. DuBois, F. Scott Fitzgerald, and Ernest Hemingway.*

AP ENGLISH LANGUAGE AND COMPOSITION

ENG301APY 1 Credit

The AP English Language and Composition class is an introductory college writing course taught to motivated, skilled high school students that follows the curriculum guidelines provided by the College Board. The class focuses on writer’s and reader’s purposes and the rhetorical methods used in effective communication. We consistently ask not only the question “What is an author saying?” but also “How is the author communicating his or her message?” These questions are applied primarily to non-fiction texts, although they may effectively be used with imaginative literature as well. The answers to these questions involves the study of rhetoric, argument, writing style, and constant consideration of purpose, subject, and audience. The course builds students’ abilities to analyze, synthesize, and form clear arguments. Students deepen their understanding of what makes language effective, and they learn how it can be manipulated so that they become more effective consumers of rhetoric as well as clear and effective communicators capable of making rhetorical choices.

The curriculum sequence at Lincoln Academy identifies junior year as a survey course in American Literature, therefore the

readings include nonfiction American Literature. Students engage in a year-long study of an American author of their choosing. This project involves reading four books by the author and culminates in a paper synthesizing the author’s life and work at the end of the year.

*Representative reading list for AP English Language and Composition: Conversations in American Literature, The Crucible, contemporary novels, and student-selected novels. Additional authors which may be read are Columbus, Franklin, Jefferson, Crevecoeur, Mather, Bradford, Smith, Steinbeck, Thoreau, Whitman, Twain, Melville, Wharton, Faulkner, and Dillard.*

SENIOR YEAR

ENGLISH IV

ENG401GEY 1 Credit

English IV is designed to prepare students for reading, writing, speaking, and listening in college and in the workplace. Students continue to read complex material, to think critically, and to work individually and collectively to solve problems. Students understand the roots of the English language and how those roots have evolved and influence us today. Students’ knowledge of the conventions of the English language as the fundamental underpinnings of communication is emphasized. At the end of the year, students present an exit portfolio and oral exhibition as the valediction of their academic career.

*Representative reading list for English IV students: Hamlet,, Macbeth, Henry V, Sir Gawain and the Green Knight, Adventures in English Literature, Canterbury Tales, Beowulf, The Things They Carried, selections from provided reading list, and student-selected novels.*

AP ENGLISH LITERATURE AND COMPOSITION IV

ENG401APY 1 Credit

Advanced Placement English Literature and Composition is for students who have a sincere interest in reading fictional prose and verse. The primary objective of this course is to develop the students’ abilities as independent and critical readers, writers, and thinkers by participating in the equivalent of a college level course, senior year. Students read and examine both contemporary and canonical fiction, short stories, poetry, novels, drama, and film. Classroom discussions, oral presentations, and frequent essay assignments of both literary analysis and personal reflection, are the means by which students explore literature and demonstrate critical thinking. The course will culminate with an exit portfolio and exhibition.

*Representative reading list: A Prayer for Owen Meany, Heart of Darkness, Macbeth, Wuthering Heights, Tess of the D’Urbervilles, King Lear, Metamorphosis, Antigone, Everyman, A Doll’s House, Sound and Sense, contemporary short fiction from the Atlantic Monthly, student selected contemporary and canonical novels and plays, and Twenty-one Poems for the AP Student.*



CREATIVE WRITING I-POETRY/FALL

*ENG501ELT 1/3 Credit (seniors: for English or elective credit; underclassmen: for elective credit only)*

In this class students read, recognize, understand, and create poetry. After familiarizing themselves with a variety of celebrated texts, students use these as models for writing poetry with similar form and content. Students study the vocabulary of poetry and poetic elements, and use free verse, ballads, haiku, picture poems, sonnets, and others as models for creative inspiration. They practice identifying rhyme, rhythm, and other poetic elements, and practice incorporating those methods in their own poetry.

Students establish a process of writing by maintaining works in progress as inspired by classroom exercises, prompts, games, activities, visualizations, dream journals, paintings, and film. Students frequently share both working drafts and finished pieces in class. At the end of the course, students compile and share a portfolio of their work.

CREATIVE WRITING II-SHORT STORY/WINTER

*ENG502ELT 1/3 Credit (seniors: for English or elective credit; underclassmen: for elective credit only)*

This course focuses on the writing of short stories. Using classic and contemporary short stories from many genres students examine how various types of stories are constructed. Students write several short stories and one long short story. Two pieces will be developed and polished for their archival portfolio.

CREATIVE WRITING III - SCREENWRITING /SPRING

*ENG503ELT 1/3 Credit (seniors: for English or elective credit; underclassmen: for elective credit only)*

Using classic and acclaimed films and screenplays, students will learn formatting techniques and film analysis, then begin the process of exploring stories and characters for their screenplays. These become subjects for exercises and scene studies and are workshopped and critiqued by the class. Students will outline a project, write a pilot (or 1st Act), and shoot a brief segment of their work to practice developing the visual language required for this medium.

YA CONTEMPORARY LIT/WINTER

*ENG507GET 1/3 credit*

This course is an introduction to contemporary Young Adult Literature. It is a reading intensive course, but students will have the opportunity to self-select their books from a wide array of current YA titles from multiple genres (fantasy, sci fi, realistic fiction, historical fiction, poetic narrative, etc.) and diverse authors representing a range of identities, genders, ethnicities and social classes. Students will evaluate, discuss and write about texts using contemporary technologies and/or digital media to compose interactive discourse. This course will

include a general overview of the history of YA literature, YA book awards and banned books.

ENGLISH CREDIT RECOVERY

*ENG506UNY One trimester, one credit. (Sophomores, Juniors, and Seniors) (Prerequisite: students must have taken and failed an English course at Lincoln Academy with a grade between 50 and 60.)*

This one trimester course will build, develop, and review the reading, writing, and speaking skills emphasized in all English courses. This course will not cover the content in the standard English I-IV courses, rather it will offer challenging and engaging reading material appropriate to each student and corresponding appropriate writing assignments. The reading material for this course will be from the 20th century and largely American. The writing assignments will focus on appropriate use of the writing process from brainstorming to editing. The material will be individualized as much as possible to meet the needs of each reader and writer.

This course may not be taken instead of an existing English class at Lincoln Academy, but it can be used to recover credit that was not earned in a course taken, but not passed at the academy.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL)

The goal of the ESOL at LA is to provide courses that meet the diverse needs of international students who are progressing in their journey of English language acquisition and transitioning into the American educational system. Students take transitional classes in preparation for mainstream coursework as well as in preparation for college. The program offers courses to support the language growth and academic goals of students at every level of English language skill. Students take a placement test that helps determine which course(s) will be most appropriate in meeting their goals, and for students who progress rapidly in their level, there is potential for advancement to the next level within the school year.

LITERATURE & COMPOSITION I

*ENG101ESY 1 Credit*

This course builds the fundamental language skills that international students need in order to navigate academic and social settings in English. Students study basic grammar topics, learn essential vocabulary, and strategically use English to obtain and provide information. Through engagement with authentic texts including short stories, articles, and films, students develop basic competency in the four skills of reading, writing, listening, and speaking. The course also focuses on essential academic skills such as note-taking. In the small student-centered classroom, students will gain confidence in their speaking ability and increase their fluency in writing.



LITERATURE & COMPOSITION II

*ENG201ESY 1 Credit*

This course reviews basic grammar and usage before continuing with a study of more complex grammar topics that will improve students' clarity in writing and speech. Students will gain a wide range of common-use and academic vocabulary, using strategies such as guessing the meaning from context and studying word parts. Students develop critical reading abilities through engagement with a variety of literary and non-fiction texts to which they respond through writing and discussion. This course introduces students to basic academic writing, especially focusing on unified essays. Students complete a short research paper that aligns with the I-Search paper assigned in mainstream English courses. Performance-based activities help students gain fluency and confidence in the written and spoken tasks expected of them in mainstream courses and social settings.

LITERATURE & COMPOSITION III

*ENG301ESY 1 Credit*

This course is an intensive study of the language skills necessary for students' success in rigorous mainstream academic courses. Using authentic literature and challenging articles as content, students explore higher-level grammar and vocabulary that serve to advance their writing skills. Students hone their skills in reading, writing, listening, and speaking, moving beyond comprehension and summary to more advanced processes of analysis and evaluation. Using the steps of the writing process, students learn to plan, draft, revise and polish academic essays that build on their ability to craft strong, varied sentences and unified paragraphs. Students complete an American Author project that aligns with mainstream English courses.

WORLD HISTORY IN CONTEXT

*WHS502ESY 1 Credit*

This course serves as an introduction to World History and Geography with an emphasis on cultural geography (language,



religion, history, economics, social systems, politics, arts, and current events). Students will be able to interpret the ways major turning points of human history have shaped our modern world. Taking advantage of the multicultural perspectives of students themselves, the course will raise awareness of our increasingly globalized world. Students will use historical texts and multimedia resources as a basis for performance-based written and spoken tasks. Major academic and language skills developed in this course include English listening and reading comprehension, research skills and documentation of sources, different writing forms and the ability to take effective notes in preparation for mainstream courses.

US HISTORY IN CONTEXT

*USH501ESY 1 Credit*

This course introduces students to the key historical events and themes of the United States from the colonial era to the 21st century. The course offers fundamental knowledge of sociocultural and political history while enhancing students’ language learning strategies. Particular attention is paid to key language and interpretive skills such as listening, reading comprehension, note-taking, research, discussions, and written response so that students can be better prepared for mainstream courses within the Social Studies department.

MATHEMATICS DEPARTMENT

The goal of the mathematics department is to prepare all students to use mathematics and problem solving skills in further education or work. The mathematics program focuses on problem solving, communicating mathematically, reasoning mathematically, and applying mathematics to real-world situations as well as mastering the objectives of each course. Three credits in mathematics are required for graduation. College-bound students should complete at least Algebra I, Geometry, and Algebra II. Since math plays an integral role in modern life, the Math Department encourages every student to study mathematics each year. The diagram below shows the progressions through math courses at Lincoln Academy.

HONORS AND ADVANCED PLACEMENT (AP) COURSES

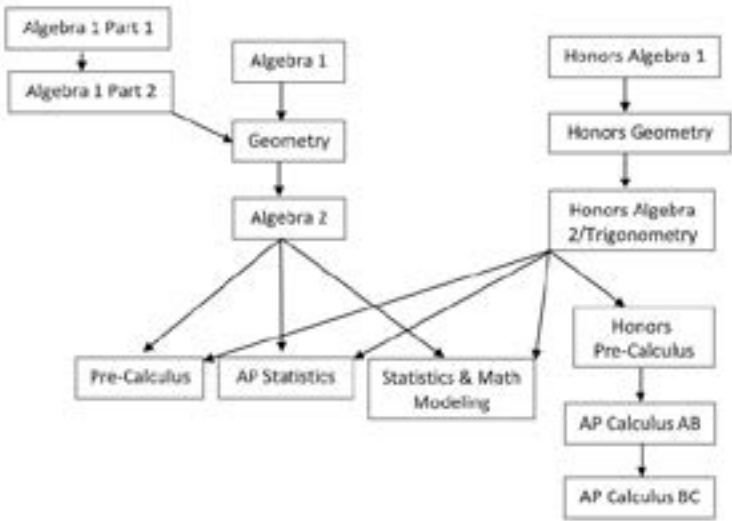
Honors courses are offered for algebra 1, geometry, algebra 2, and pre-calculus. Advanced Placement courses are offered in calculus and statistics. Honors level math courses require a different level of readiness, commitment, and challenge than college-prep math courses. Lincoln Academy’s honors and AP courses challenge students to learn both independently and

collaboratively and to think creatively to solve challenging problems. Successful honors math students have a deep conceptual understanding of mathematics in addition to procedural fluency with standard algorithms.

Students taking an honors or AP course are encouraged to maintain a grade of B or better to be prepared for the next honors course. Students with an end of year grade of A in a college-prep course may switch to an honors level class the next year if they complete the honors-level final exam and earn a grade of C or better on the exam. For example, a student with an end of year grade of an A in algebra 2 may sit for the honors algebra 2 final exam and if the student earns a C or better on the honors algebra 2 final exam, the student may enroll in honors pre-calculus.

Students who are successful in honors algebra 1 may be eligible to take both honors geometry and honors algebra 2/trigonometry their sophomore year. Permission from the Head of the Math Department is required to double up on math courses.

MATH COURSE OFFERINGS:



ALGEBRA I - PART 1

*MAT101GEY 1 Credit*

This course begins with a review of the fundamental principles of arithmetic, such as the order of operations, and operations with signed numbers. Students will also learn to simplify and solve algebraic equations, and proportions. Topics also include inequalities, an introduction to functions, graphing and writing equations of linear functions. Students successfully completing this course will enroll in Algebra I - Part 2 next year.

*A scientific calculator is required for this course. A TI-30X IIS is recommended.*

ALGEBRA I - PART 2

*MAT102GEY 1 Credit (prerequisite: Algebra I - Part 1)*

This course is the continuation of Algebra I - Part 1. The focus of this class will be to continue building on the topics covered in Algebra I - Part 1. Topics will include exponents; systems of linear equations; polynomials and factoring; quadratic functions and equations; and an introduction to statistics.

*A scientific calculator is required for this course. A TI-30X IIS is recommended.*

ALGEBRA I

*MAT103CPY 1 Credit*

Algebra I introduces the student to the language of higher mathematics. Students have the opportunity to learn how to write expressions and solve linear equations and inequalities in both one and two variables. Students are introduced to functions and study linear and quadratic functions, including graphing these functions. In addition, students also learn to add, subtract, multiply, and factor polynomials, and how to simplify radical expressions.

*A scientific calculator is required for this course.*

HONORS ALGEBRA I

*MAT101HNY 1 Credit*

Admission to this course will be dependent upon scores in previous math classes and the honors application process. This course will lay the foundation of mathematical thinking, language, and process. It will cover similar topics to Algebra I, include elements of geometry and statistics, as well as cover advanced material, permit more in-depth study than a standard course of Algebra and may require independent research. Students wanting to take this course should be highly motivated and dedicated to their educational experience.

*A scientific calculator is required for this course.*

GEOMETRY

*MAT202CPY 1 Credit (prerequisite: Algebra I or its equivalent)*

This course comprises all the basic topics of Euclidean Geometry. The approach is based on exploration and discovery. Once students grasp concepts intuitively, they prove many of them rigorously. Much emphasis is placed upon applying geometric concepts and algebraic skills in solving problems. The course concludes with an introduction to right triangle trigonometry.

*A ruler, compass, protractor, and scientific calculator are required for this course.*







HONORS GEOMETRY

*MAT201HNY 1 Credit (prerequisite: Honors Algebra I or equivalent)*  
Admission to this course will be dependent upon scores in previous math classes and the honors application process. This course is a rigorous version of geometry with an emphasis on proof and logic. In addition to traditional Euclidean geometry, students will study coordinate geometry, and transformational geometry.

*A scientific calculator is required for this course. Students wishing to take both Honors Geometry and Honors Algebra II/Trigonometry during their sophomore year must have permission from the Math Department Head.*

ALGEBRA II

*MAT301CPY 1 Credit (prerequisite: Algebra I and Geometry)*  
In this course, students review and strengthen algebraic skills. The concept of the function is the underlying theme as students study linear, quadratic, exponential, polynomial, rational, and logarithmic functions. Additional topics may include sequences and series, binomial expansion, and complex numbers.

*A scientific calculator is required for this course.*

HONORS ALGEBRA II/TRIGONOMETRY

*MAT301HNY 1 Credit (prerequisite: Honors Geometry and/or teacher permission)*  
This course will cover additional topics to the Algebra II course and move at a faster and more rigorous pace. Topics in Honors Algebra II include periodic functions and trigonometry, the unit circle, reciprocal trigonometric functions, data analysis and exponential/logarithmic functions and their graphs.

*A TI 84 PLUS calculator is required for this course. Students wishing to take both Honors Geometry and Honors Algebra II/Trigonometry during their sophomore year must have permission from the Math Department Head.*

PERSONAL & BUSINESS FINANCE

*MAT203ELY 1 Credit (prerequisite: Algebra I and/or permission from the Math Department Head)*  
Being an adult is challenging. This class helps students understand the world of personal finance. Real world topics covered include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets; simulate use of checking and saving accounts; demonstrate knowledge of finance, debt, and credit management; and evaluate and understand insurance and taxes. We will also focus on the basics of business finance, such as revenue, profit and loss. This course will provide a foundational understanding for making informed personal financial decisions. Course work includes hands-on activities, films, group work, research, projects, conversation, and collaboration.

*A scientific calculator is required for this course.*

PRE-CALCULUS

*MAT401CPY 1 Credit (seniors only) (prerequisite: Algebra II and/or permission from the Math Department Head)*  
This is a challenging class that provides valuable preparation for students who intend to take calculus in college. This course extends the topics in Algebra II by exploring some foundational pre-calculus concepts. Topics include polynomial functions, exponential and logarithmic functions, trigonometric functions, conics, probability, and statistics.

*A TI 84 PLUS calculator is required for this course.*

HONORS PRE-CALCULUS

*MAT401HNY 1 Credit (prerequisite: Honors Algebra II & Trigonometry and permission from the Math Department Head)*  
This course is for students who wish to pursue a rigorous study of mathematics, science, technology, and/or engineering. The topics covered include coordinate geometry, advanced trigonometry, complex numbers and vectors. Also studied are conic sections, parametric equations, and matrices. Polynomial, rational, exponential, logarithmic, circular and trigonometric functions are also explored.

*A TI 84 PLUS calculator is required for this course.*

STATISTICS, PROBABILITY, & MATHEMATICAL MODELING

*MAT504ELY 1 Credit (prerequisite: 3 math credits including Algebra II)*  
This course is a year-long class that will introduce students to statistics, probability, and mathematical modeling. Topics include: collecting data, analyzing data, graphing data, probability, graph theory, and inventory management. This course is a valuable math class for college bound students who plan on studying humanities or business.

*A scientific calculator is required for this course.*

ADVANCED PLACEMENT STATISTICS

*MAT503APY 1 Credit (prerequisite: Algebra II and permission of the Math Department Head)*  
AP Statistics is a good option for those who would like an AP math experience but do not wish to continue with the study of calculus. This course follows the established curriculum for AP Statistics. Statistics is used widely in areas that include psychology, branches of science, economics, and much of the research that is done in graduate school. Those who wish to pursue engineering should definitely continue their math study with AP Calculus, but may consider taking AP Statistics simultaneously. AP Statistics is also a viable senior year option for those who complete AP Calculus in the junior year. Students are required to take the Advanced Placement Exam in May.

*A TI 84 PLUS calculator is required for this course.*



ADVANCED PLACEMENT CALCULUS AB

*MAT501APY 1 Credit (prerequisite: Honors Pre-Calculus and permission of the Math Department Head)*

AP Calculus AB is a college level course in introductory calculus. This course follows the established curriculum for AP Calculus AB. Calculus is encouraged for students pursuing careers in mathematics, science, technology, and engineering. Topics include elementary functions, limits, continuity, derivative, integrals, and applications thereof. Students are required to take the Advanced Placement Exam in May.

*A TI 84 PLUS calculator is required for this course.*

ADVANCED PLACEMENT CALCULUS BC

*MAT502APY 1 Credit (prerequisite: Advanced Placement Calculus AB and permission of the Math Department Head)*

AP Calculus BC students will work with functions represented graphically, numerically, analytically, and verbally. Topics include Calculus AB curriculum, polar equations, sequences and series, and differential equations. Students are required to take the Advanced Placement Exam in May.

*A TI 84 PLUS calculator is required for this course.*

SCIENCE DEPARTMENT

To meet graduation requirements students need one Physical Science (PS) credit and one Life Science (LS) credit.

SEQUENCE OF SCIENCE COURSES:

Year	Honors/AP Courses	College Prep Courses
9th	Honors Bio (LS)	Integrated Science (PS)
10th	Honors Chemistry (PS)	Biology (LS)
11th & 12th	Honors Physics (PS) AP Physics (PS) AP Chemistry (PS) AP Biology (LS) AP Environmental Science	Chemistry (PS) Physics (PS) Conceptual Physics (PS) Anatomy & Physiology (LS) Geology/Astronomy/Climate (PS) Oceanography (LS)

*Please Note: Competitive colleges generally look for three to four years of a lab science.*

INTEGRATED SCIENCE

*PSC101CPY 1 Credit*

The Integrated Science course is designed to give students a solid foundation for more advanced coursework at Lincoln Academy. Topics include scientific thought, elementary chemistry, physics, geology, astronomy, and meteorology. Students will learn the safe and proper use of basic laboratory equipment. The course provides students with practice in data collection, analysis, and presentation.

HONORS BIOLOGY

*LSC101HNY 1 Credit (prerequisite: a completed honors application packet and/or permission of the science department)*

This course is designed to prepare students for advanced courses including AP Biology, Oceanography, Anatomy & Physiology and AP Environmental Science. Topics covered include botany, ecology, cell biology, genetics, evolution, and microbiology. Students will work with microscopes, explore local habitats, perform experiments, analyze data, and do research projects. This course also involves an independent, long-term science project.

BIOLOGY

*LSC201CPY 1 Credit (prerequisite: Integrated Science)*

This course provides an introduction to life science and helps

students understand the common characteristics of all organisms. Topics covered include the scientific method, biochemistry, cells and levels of organization, homeostasis, metabolic pathways involving energy transfer, genetics & heredity, evolution, microorganisms & disease, and plant & animal anatomy and physiology.

CHEMISTRY

*PSC301CPY 1 Credit (prerequisite: Sophomores, Juniors and Seniors and permission of instructor)*

This college preparatory chemistry course is appropriate for the student with strong Algebra skills. These students will understand the relationship between atomic structure and chemical properties and reactions. It is highly recommended that students be enrolled in either Algebra II or Honors Algebra II/Trigonometry.

HONORS CHEMISTRY

*PSC201HNY1 Credit (prerequisite: Sophomores, Juniors and Seniors and permission of instructor)*

This course is designed for the student who has significant interest and is advanced in math and science. Major concepts covered may include lab safety, atomic structure, bonding, formulas, equations, mass/mole relationships, gas laws, solutions, acids and bases, organic chemistry, reaction kinetics, equilibrium, and oxidation-reduction. Students have the opportunity to work on in-depth concepts and problems in modern chemistry and their relationship to modern scientific advancements. The class is taught at an accelerated level. It is highly recommended that the student be enrolled in Algebra II or Honors Algebra II/Trigonometry.

APPLIED PHYSICS

*PSC306CPT 1 Credit (Students must have successfully completed science requirements and earned credit through Algebra I)*

This is an integrated applied physics course. Students use projects and extensive lab experience to understand the principles and applications of physics. Topics include Motion, Force, Energy, Matter, Electricity, and Sound Waves. This course is designed to prepare students for community college and vocational training.

PHYSICS

*PSC302CPY 1 Credit (Sophomores, Juniors and Seniors with either a credit in Algebra II or taking Algebra II concurrently)*

This course is intended for those students who desire an understanding of physics and plan to attend college. Heavy emphasis is placed on furthering lab and problem solving skills. The first half of the year is devoted to the study of motion, Newton's laws and conservation laws. Electricity, magnetism and sound waves are studied during the second half of the year.







### HONORS PHYSICS

*PSC301HNY 1 Credit (Sophomores, Juniors and Seniors with credit in Algebra II and permission of instructor)*

This physics course is intended for those students who have significant interest in science or engineering. Students must be strong in mathematics and problem-solving skills as the course is taught at a very quick pace. Kinematics, dynamics, conservation laws, electricity, magnetism, sound and optics are thoroughly investigated. Students must have advanced math skills including trigonometry to be successful in this class. Students enrolled in this course may opt to complete additional work in order to take the AP Physics 1 (non-calculus based) exam as this course covers material similar to the AP curriculum.

### ADVANCED PLACEMENT PHYSICS C: MECHANICS

*PSC401APY 1 Credit (prerequisite: Students must have completed a course in calculus or be taking AP Calculus concurrently)*

Advanced Placement Physics is a college-level, calculus-based mechanics course. The course will cover kinematics, Newton's laws of motion, work, energy, power, momentum, circular and oscillatory motion and universal gravitation. A rigorous laboratory program is included in the course. It is highly recommended that students complete a physics course prior to enrolling in AP Physics.

### HUMAN ANATOMY & PHYSIOLOGY

*LSC303CPY 1 Credit (prerequisite: Biology or Honors Biology)*

This course explores the structure (anatomy) and function (physiology) of the human body. We will examine every body system in detail from cell structures to their many interactions with other body parts. Students will perform frequent dissections, and learn to diagnose and treat disorders that affect each body system. This course is recommended for students interested in any life science or health science career.

### OCEANOGRAPHY

*LSC305CPY 1 Credit (prerequisite: Biology or Honors Biology)*

Oceanography focuses on the physical, biological, chemical, and ecological aspects of the world's oceans. The course introduces geological, chemical and physical oceanography, followed by a survey of marine invertebrate and vertebrate life and ecology. This is a required course for the Marine Studies Certificate.

### ASTRONOMY (FALL)

*PSC501GET 1/3 Credit*

This course is designed to give students an appreciation for both the wonder and the science of astronomy. Topics covered include the solar system, constellations, the evolution of stars, the diversity of galaxies, black holes, the history of astronomy, space exploration, and exciting new discoveries in astronomy.

Students will work with telescopes, do night-time stargazing, watch documentaries, design models, do frequent lab activities, and focus on a topic of interest for a research project.

### WEATHER (WINTER)

*PSC502GET 1/3 Credit*

This course will give students an introduction to how weather works. Students will learn about layers of the atmosphere, cloud formation, air pressure dynamics, precipitation types, air masses, global weather patterns, and severe weather phenomena. This course involves a dynamic mix of hands-on activities, individual projects, and direct instruction.

### GEOLOGY (SPRING)

*PSC503GET 1/3 Credit*

This course explores the dynamic processes on earth that both raise the highest mountains and forge diamonds deep in the earth's crust. Topics covered include minerals and gems, igneous rock, metamorphic rock, and sedimentary rock, plate tectonics, volcanoes, earthquakes, weathering, erosion, and geological history. Students will learn to identify an impressive variety of rocks and minerals, design models of geological systems, do frequent lab activities, and go outside to study rock formations in our area.





AQUACULTURE AND AQUAPONICS

*PSC504GET 1/3 Credit (prerequisite: Biology or Honors Biology)*

Aquaculture and Aquaponics is hands-on exploratory class allowing students access and insight to a unique and growing industry in our backyard. Students will explore different types of ocean aquaculture like kelp and oyster production and help maintain a small-scale aquaponic ecosystem growing fish and salad greens at the school. Students will also work with local aquaculture businesses and organizations. The skills and knowledge gained from this course will provide opportunities to develop a solid foundation for students wanting to learn more about this emerging industry. This course may count for credit in DET or Science departments.

ADVANCED PLACEMENT BIOLOGY

*LSC403APY 1 Credit (prerequisite: Biology/Honors Biology, Chemistry/Honors Chemistry and permission of the instructor)*

AP Biology is a fast-paced science course that includes an in-depth exploration of core biology topics: chemistry of life, cell and molecular biology, genetics and evolution, organismal biology, taxonomy and ecology. The course follows the prescribed sequence of the College Board’s Advanced Placement Biology topics, laboratory experiments and experiences.



ADVANCED PLACEMENT CHEMISTRY

*PSC402APY 1 Credit (prerequisite: Chemistry/Honors Chemistry, Algebra II)*

The AP Chemistry course provides students with a foundation to support future advanced coursework in Chemistry. Through inquiry-based learning, students develop critical thinking and reasoning skills. Students cultivate their understanding of chemistry and science practices as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

*LSC404APY 1 Credit (prerequisite: Juniors and Seniors with credit in biology and chemistry and permission of the instructor)*

This is a multidisciplinary AP level course that integrates biology, chemistry, physics, geology and oceanography. Advanced topics in chemistry and physics will also be addressed. Some of the areas of study will include the cycling of matter, water, energy flow, air/water/soil and economic forces. It will analyze a variety of environmental problems both man-made and naturally occurring and look at the interplay between humans and these problems. Additionally, the course will look at solutions to some of these issues.

MARINE STUDIES CERTIFICATE

The Marine Studies Certificate at Lincoln Academy provides an exciting opportunity for students to focus on marine studies and related fields. Students who seek to earn the certificate are required to take the oceanography course as well as complete three additional pre-approved credits that relate to marine studies. The additional credits may come in many forms such as coursework (both at LA or elsewhere) as well as other related experiences such as SCUBA certification or summer coursework. Students are also required to engage in a capstone project, internship or field experience, which may include extensive travel and/or significant scientific research. Instructors will work with students to make them aware of what opportunities exist in our local area and beyond. This experience should be of great value to the student and should be as immersive as possible. It could take place in areas as varied as marine research institutions, boat building shops, aquaculture facilities, community natural resource organizations and fishing enterprises. While freshmen can begin planning for this exciting venture, students must be sophomores or juniors to apply for this certificate. Please note that most of the required courses and activities may take place away from the LA campus and after the traditional school day, on weekends and during school vacations. All student course plans for the certificate must be approved by the Marine Studies Certificate Committee.

SOCIAL STUDIES DEPARTMENT

All students are required to earn three social studies credits for graduation. Two of these are World History, taken in 9th grade and United States History, taken in 11th grade.

Sequence of Social Studies Courses

- Freshmen: World History
- Sophomores: Either World Studies or Introduction to Economics and Government.
- Juniors: Either United States History or AP US History. Electives: World Studies, Introduction to Economics & Government, AP Macroeconomics, U. S. Government
- Seniors: Choice of electives: AP European History, Psychology I, II, III, World Studies, Intro. to Economics & Government, AP Macroeconomics, or and U. S. Government & Politics.

WORLD HISTORY

*WHS101CPY 1 Credit (Freshmen and Sophomores)*

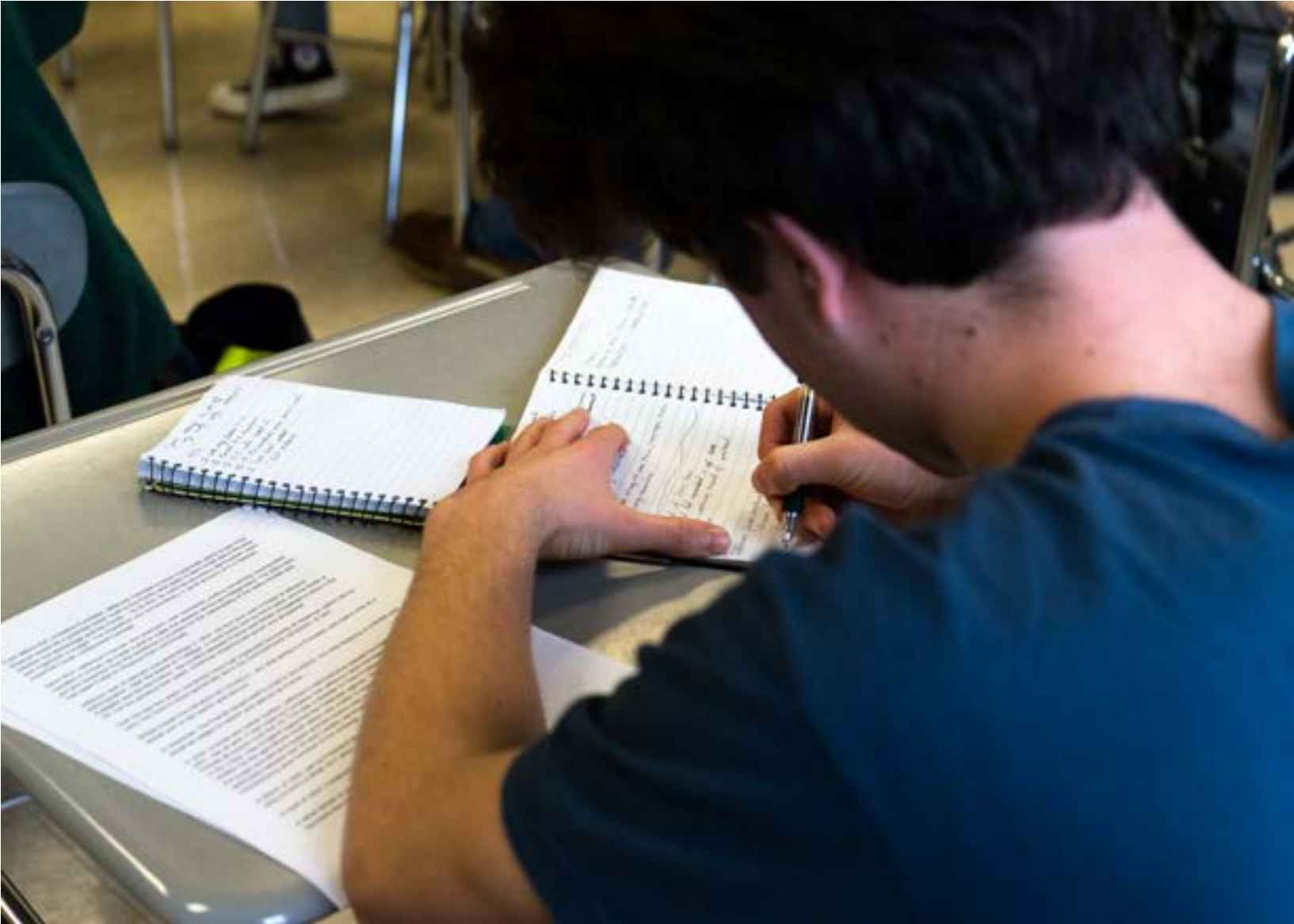
This course surveys the evolution of human culture and history from our earliest developments into the modern era. Cultural

and scientific achievements, political systems, social customs, economic developments, and geography as they relate to specific historical periods are the major topics of the course. Human history up to and including the European Middle Ages is the principal focus of the first two trimesters, and more modern developments are studied in the final trimester. The student should expect challenging reading and writing assignments. Text: Traditions and Encounters by Bentley & Ziegler and teacher generated materials

INTRODUCTION TO ECONOMICS & GOVERNMENT

*SOS302CPY 1 Credit (Sophomores, Juniors, and Seniors)*

Introduction to Economics and Government is a year-long course that provides students with an understanding of economics on a macro and micro level, the structure and functions of the U.S. Government, and the role of citizens in a democracy. Students will learn basic economic concepts, theories, and models, and apply tools to make more informed and responsible social decisions. They will analyze the political ideas, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The curriculum will include an exploration of the roots of economic and political





philosophy and concepts as well as modern debates about these concepts. Students will analyze historical and current events and the relationship between political and social institutions. Course work will include hands-on activities, group work, and projects that encourage students to research topics and problems, propose solutions, practice persuasive writing, and take action on issues

*Texts include Freakonomics, Predictably Irrational, The Undercover Economist.*

WORLD STUDIES

*The following electives are part of a 6 trimester series, 3 electives will be offered in each year, with the full six alternating in a two year cycle. World Studies I trimesters will be offered in 2023-2024 and World Studies II trimesters will be offered in the 2024-2025 school year.*

WORLD STUDIES I: THE MIDDLE EAST

*SOS203ELT 1/3 Credit (Sophomores, Juniors and Seniors) (prerequisite: World History or Geography)*

This course is a trimester elective course for interested sophomores and upperclassmen who want to study and learn more about people and regions of the non-western world that are becoming increasingly important to the future of America in a globalized environment. The “Middle East” trimester will focus on the regional geography and modern history of the Middle East, including social, political, and economic issues. Particular topics of focus may include the Israeli-Palestinian conflict, the role of Iran in the Middle East, the recent wars in Iraq and Afghanistan, and the conflict in Syria. The course emphasizes contemporary history and current events through the lens of globalization and their effects on indigenous cultures and modern nations.

*Text: Bentley and Ziegler, Traditions and Encounters, and supplemental readings.*

WORLD STUDIES I: AFRICA

*SOS201ELT 1/3 Credit (Sophomores, Juniors and Seniors) (prerequisite: World History or Geography)*

This course is a trimester elective course for interested sophomores and upperclassmen who want to study and learn more about people and regions of the non-western world that are becoming increasingly important to the future of America in a globalized environment. The “Africa” trimester will focus on the regional geography and modern history of Sub-Saharan, including social, political, and economic issues. Particular topics of focus may include the conflicts in the Democratic Republic of the Congo, the Rwandan genocide, corruption and economic development. The course emphasizes contemporary history and current events through the lens of globalization and their effects on indigenous cultures and modern nations.

*Text: Bentley and Ziegler, Traditions and Encounters, and supplemental readings.*

WORLD STUDIES I: ASIA

*SOS202ELT 1/3 Credit (Sophomores, Juniors and Seniors) (prerequisite: World History or Geography)*

This course is a trimester elective course for interested sophomores and upperclassmen who want to study and learn more about people and regions of the non-western world that are becoming increasingly important to the future of America in a globalized environment. The “Asia” trimester will focus on the regional geography and modern history of Asia, including social, political, and economic issues. Particular topics of focus may include the role of China in the modern economy, the US relationship with North and South Korea, and the growth of India. The course emphasizes contemporary history and current events through the lens of globalization and their effects on indigenous cultures and modern nations.

*Text: Bentley and Ziegler, Traditions and Encounters, and supplemental readings.*

WORLD STUDIES II: LATIN AMERICA

*SOS5204ELT 1/3 Credit (Sophomores, Juniors and Seniors) (prerequisite: World History or Geography)*

This course is a trimester elective course for interested sophomores and upperclassmen who want to study and learn more about people and regions of the world that are becoming increasingly important to the future of America in a globalized environment. The “Latin America” trimester will focus on the regional geography and modern history of Latin America, including social, political, and economic issues. Particular topics of focus may include the collapse of the Venezuelan economy, the relationship between the US and Mexico, and concerns of indigenous populations. The course emphasizes contemporary history and current events through the lens of globalization and their effects on indigenous cultures and modern nations. Topics will vary from year to year based on student and instructor interest and relevance to current events.

*Text: Bentley and Ziegler, Traditions and Encounters, and supplemental readings.*

WORLD STUDIES II: NORTH AMERICA

*SOS205ELT 1/3 Credit (Sophomores, Juniors and Seniors) (prerequisite: World History or Geography)*

This course is a trimester elective course for interested sophomores and upperclassmen who want to study and learn more about people and regions of the world that are becoming increasingly important to the future of America in a globalized environment. The “North America” trimester will focus on the indigenous populations of North America - their connection to the geography of North America, their history and current social, political, and economic issues. Particular topics of focus may include the legacy of Indian Boarding Schools in the US, the impact of climate change on northern native peoples, and the Native American Rights Movement. The course emphasizes





es contemporary history and current events through the lens of globalization and their effects on indigenous cultures and modern nations. Topics will vary from year to year based on student and instructor interest and relevance to current events.

*Text: Bentley and Ziegler, Traditions and Encounters, and supplemental readings.*

WORLD STUDIES II: WORLD RELIGIONS

*SOS206ELT 1/3 Credit (Sophomores, Juniors and Seniors) (prerequisite: World History or Geography)*

This course is a trimester elective course for interested sophomores and upperclassmen who want to study and learn more about people and regions of the world that are becoming increasingly important to the future of America in a globalized environment. The “World Religions” trimester will provide a comparative overview of the history, theology, and practices of Judaism, Christianity, Islam, Hinduism and Buddhism. Through a combination of primary and secondary source readings and classroom discussions, students will examine important historical developments, major personalities, key texts and theological/philosophical themes within each tradition. Topics will vary from year to year based on student and instructor interest and relevance to current events.

*Text: Bentley and Ziegler, Traditions and Encounters, and supplemental readings.*

UNITED STATES HISTORY

*USH301CPY 1 Credit (Juniors Only)*

This course is a study of the United States from the colonial period to the recent past. Topics of concentration include the Revolution and Constitution, Jeffersonian and Jacksonian eras, sectional growth and conflict, Civil War and Reconstruction, growth of industry, Populism and Progressivism, World War I, Depression and New Deal, World War II and The Cold War, and the recent past. Some themes discussed throughout the year are territorial growth, foreign policy, immigration and minority rights, individuals and the Constitution, and the development of a distinctly American character.

*Texts: Boorstin and Kelley: A History of the United States; or Danzer, et. als., The Americans.*

ADVANCED PLACEMENT UNITED STATES HISTORY

*USH301APY 1 Credit (Juniors) (prerequisite: 85 or above in World History and permission of instructor)*

This class covers the same topics as those listed for U.S. History, but in greater depth. The class emphasizes analysis of primary source material and the study of historical texts. Because this class includes extensive reading and writing assignments, strong skills in both reading and writing are required for this class. Students will be required to complete a limited summer reading assignment. All members of the class are required to

take the Advanced Placement exam in May in order to receive credit.

*Texts: Kennedy, Cohen and Bailey:The American Pageant.*

ADVANCED PLACEMENT MACROECONOMICS

*SOS303APY 1 Credit (Juniors and Seniors) (prerequisite: Introduction to Economics with an 85 or better and/or permission of instructor)*

The course in AP Macroeconomics covers numerous topics that are studied on a basic level in the introductory course to Economics and expands on them in greater detail. The course explores how the market system works, how prices are determined, why shortages and surpluses occur, and why incomes differ, all in the context of topics that include national income, supply and demand, economic performance measures, economic growth, and international economics and globalization. The class requires students to engage in extensive reading, research, writing, and discussion, and therefore strong competence in these areas is essential. All students will be required to complete a summer reading assignment and take the AP exam in May in order to receive credit.

*Text: Krugman’s Macroeconomics for AP, Ray and Anderson.*

ADVANCED PLACEMENT EUROPEAN HISTORY

*SOS404APY 1 Credit (Seniors Only) (prerequisite: permission of instructor)*

AP European History explores political, economic, cultural and intellectual developments in Europe from the Renaissance to the 21st century. Themes investigated include the changing structures of states and other institutions of power; social organization; technological and scientific innovation; colonialism and the interaction of Europe with the world; and national and European identity. Students cultivate their understanding of European history through analyzing historical sources, including cultural sources--paintings, architecture, music, items of popular culture--as well as written sources, both primary and secondary. The course includes a heavy reading and writing component; strong skills in these areas are helpful. All members of the class are required to take the national Advanced Placement exam in May to receive full credit.

*Text: McKay, Crowston, Weisner-Hanks, A History of Western Society, and supplementary readings.*

PSYCHOLOGY I (FALL)

*SOS401ELT 1/3 Credit (Seniors Only)*

Ever wonder why people are the way they are? Psychology I is the class for you. In this lively, interactive class we will dive into major concepts and topics dealing with the scope of human identity. We will learn about the roots of Psychology as a social science, the biology of Psychology, and the myriad factors that contribute to the definition of human identity. Course work includes hands-on activities, films, group work, research, proj-

ects, discussion, and collaboration. Students who take all three trimesters of this class may choose to work with the instructor to prepare for the AP Psychology Exam.

*(Note - there is an additional fee for taking the AP Exam).*

PSYCHOLOGY II (WINTER)

*SOS402ELT 1/3 Credit (Seniors are strongly encouraged to complete Psychology I before taking Psychology II)*

Wonder how people make sense of the world around them? In Psychology II, we will explore topics such as sensation, perception, motivation, emotion, learning theory, adjustment and health, and language and intelligence. Course work includes hands-on activities, films, group work, research, projects, discussion, and collaboration. Students who take all three trimesters of this class may choose to work with the instructor to prepare for the AP Psychology Exam.

*(Note - there is an additional fee for taking the AP Exam).*

PSYCHOLOGY III (SPRING)

*SOS403ELT 1/3 Credit (prerequisite: seniors must have successfully completed Psychology I and II)*

Eager to know how Psychology helps people work through the challenges presented by the world around them? In Psychology III we will cover topics such as personality and adjustment theory, psychological disorders, therapy, and social and applied psychology. A major formal research project, and a presentation of that project, represents a significant portion of the work for this final trimester of the course. Course work includes hands-on activities, films, group work, research, projects, discussion, and collaboration. Students who take all three trimesters of this class may choose to work with the instructor to prepare for the AP Psychology Exam.

*(Note - there is an additional fee for taking the AP Exam).*

UNITED STATES GOVERNMENT AND POLITICS

*USH304ELY 1 Credit (Juniors and Seniors) (prerequisite: World History or Geography)*

Students will learn the structure and functions of the U.S. Government and the role of citizens in a democracy. They will analyze the political ideas, policies, interactions, roles, and behaviors that characterize the political culture of the United States. This course will examine current events in light of political structures. The class will use a hands-on approach that encourages students to research and investigate, propose solutions, write persuasively, and take action on issues. Students may choose to work with the instructor to prepare for the AP US Government & Politics Exam.

*Texts may include: Six Amendments, The Unwritten Constitution, The New Jim Crow, and other sources.*

LEADERSHIP

*SOS504ELT 1/3 Credit*

Want to be a leader? Want to understand other leaders? Want to understand how leadership in the 21st century is different from leadership in the past? In this course, students will dive deeply into core topics of leadership, understanding leadership styles and looking at leadership across different historical periods of time. Students will develop a deeper understanding of their own leadership style. Course work includes hands-on activities, films, group work, research, projects, discussion, and collaboration.

ENTREPRENEURSHIP

*SOS505ELT 1/3 Credit*

Have a great idea? Pursue it! Have a dream? Make it happen! Want to make an impact in the world? Get started! In this course we will look intensively at this singular question: what makes an entrepreneur? Students will deepen and broaden their understanding of the various aspects of entrepreneurialism and deepen their ability to think and act like an entrepreneur. Topics include local small businesses, global business leaders, social justice movements and the role of technology in the 21st century. Course work includes hands-on activities, films, group work, research, projects, conversation, and collaboration.







# WORLD LANGUAGES DEPARTMENT

World languages are open to all students. Students are encouraged to study a world language whether or not they plan on attending college. College-bound students should be aware that most colleges require at least two years of one world language.

Students beginning a World Language who have previously done well in school, who are engaged in their classes, who aspire to a higher level of achievement, and who are interested and excited to learn a World Language should apply to be in the Honors Level 1 course. No prior knowledge of either language is assumed for the Honors sections.

## FRENCH I

*FRN101CPY 1 Credit*

This is an introductory course in the French language with emphasis placed on developing basic language skills. This includes learning vocabulary and beginner grammar through reading, writing, listening and speaking practice. An introduction to French and francophone culture is presented using various authentic sources such as music, film and media. French I introduces the learner to topics such as school, home, family, and food. Students learn to narrate in writing and orally using the present tense and the near future. Participation in the National French Exam is offered. There are no prerequisites and the course is open to students in all grade levels. No prior knowledge of French is assumed.

*TEXT: D'Accord, (Vista Higher Learning)*

## HONORS FRENCH I

*FRN101HNY 1 Credit (Students must apply to the department in order to enroll in the Honors course.)*

The honors level course takes a broader look into the language and cultural concepts in order to allow for a more in depth study of the language. This includes learning vocabulary and grammar through reading, writing, listening and speaking practice. An introduction to French and francophone culture is presented using various authentic media such as music, film and media. French I introduces the learner to topics such as school, home, family, and food. Students learn to narrate in writing and orally using the present tense and the near future. Participation in the National French Exam is encouraged. There are no prerequisites and the course is open to students in all grade levels. No prior knowledge of French is assumed.

*TEXT: D'Accord, (Vista Higher Learning)*

## FRENCH II

*FRN201CPY 1 Credit (prerequisite: French I)*

This course reinforces and continues to develop the basic

mechanics of French, focusing on the four proficiency skills: speaking, listening, reading and writing. The course provides a continuation of the present tense and the near future while also introducing the past tense, the passé composé. Authentic material and various media are integrated throughout the course. Students will produce written projects and spoken presentations about food, travel, health, and technology while continuing to investigate everyday life in France and the francophone world. Participation in the National French Exam is offered. This course is in preparation for the French III course.

*Text: D'Accord, (Vista Higher Learning)*

## HONORS FRENCH II

*FRN201HNY 1 Credit (prerequisite: Honors French I or permission of French I teacher)*

This course reinforces and continues to develop the mechanics of French, focusing on the four proficiency skills: speaking, listening, reading and writing. The course provides a continuation of the present tense and the near future while also introducing the past tenses, the imparfait and the passé composé. Authentic material and various media are integrated throughout the course. Students will produce written projects and spoken presentations about food, travel, health, daily routine and technology while continuing to investigate everyday life in France and the francophone world. More complex reading, listening, and writing activities will be included. Participation in the National French Exam is encouraged. This course is in preparation for the Honors French III course.

*Text: D'Accord, (Vista Higher Learning)*

## FRENCH III

*FRN301CPY 1 Credit (prerequisite: French II))*

This course continues to develop students' proficiency skills in reading, speaking, writing and listening, while investigating life in France and the francophone world using authentic material. The course stresses the use and control of the verb system in writing and in speaking activities. Participation in the National French Exam is offered. This course is in preparation for the level French IV course.

*Text: D'Accord, (Vista Higher Learning)*

## HONORS FRENCH III

*FRN301HY 1 Credit (prerequisite: Honors French II or permission of the French II teacher)*

This course continues to develop students' proficiency skills in reading, speaking, writing and listening, while investigating life in France and the francophone world using more complex, authentic material. The course stresses the use and control of the verb system in writing and in speaking activities. The subjunctive mood is introduced along with more complex grammar knowledge. Longer readings including the short novella,



Le Petit Prince, and composition writing help to build these language skills. Participation in the National French Exam is encouraged. This course is in preparation for the AP French IV course.

*Text: D’Accord,(Vista Higher Learning), Le Petit Prince (Antoine de Saint Exupéry)*

FRENCH IV

*FRN401CPY 1 Credit (prerequisite: French III)*

This course continues to stress different verb tenses and moods, explore new vocabulary topics and grammatical concepts. Students continue developing and improving their proficiency skills in reading, speaking, writing and listening while continuing to investigate the francophone world. Students write and converse in the context of French newspapers, magazines, films, music, visual arts as well as practical everyday themes. Students will also read and discuss the play, Le Bourgeois Gentilhomme. Participation in the National French Exam is offered.

*Text: Thèmes (Vista Higher Learning)*

ADVANCED PLACEMENT FRENCH LANGUAGE & CULTURE

*FRN401APY 1 Credit (prerequisite: Honors French III or permission of the French III teacher)*

The AP French Language and Culture course is an in-depth survey of the French language and francophone culture. The course is designed around the six AP themes: Global challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. Students continue developing their communication skills using interpersonal, interpretive, and presentational modes. Students refine their grammatical skills, and increase their fluency and their level of sophistication with which they express themselves in French, both in writing and orally. The class is conducted in French and students must express themselves in French. Students are required to take the AP French Language and Culture Exam and the National French Exam.

*Text: Thèmes (Vista Higher Learning); AP French: Preparing for the Language Examination, (Ladd); AP Exam fee applies.*

FRENCH V

*FRN501CPY 1 Credit (prerequisite: AP French Language and Culture or permission of instructor)*

During the first half of the year, students will complete a survey of French literature beginning with the Chanson de Roland (1080) of the Middle Ages, through 20th century French literature. Students will gain an understanding of how history influenced French writers, and how French writers often influenced history. Extracts include but are not limited to writings by Ronsard, La Rochefoucauld, La Fontaine, Montesquieu, Voltaire, Rousseau, Hugo, Baudelaire, de Beauvoir, Yourcenar, Camus, Ionesco. During the second half of the year, students will read two entire novels that they select. In addition, students may prepare for the AP French Language and Culture Exam and for the National French Exam. The course is conducted entirely in French, and students are expected to participate daily in oral discussions about themes, trends, historical facts etc.

*Text: Moments Littéraires (Heath and Co) and a selection of novels. AP Exam fee applies.*

SPANISH I

*SPN101CPY 1 Credit*

This is an introductory course in the Spanish language with emphasis placed on developing basic language skills. This includes learning vocabulary and beginner grammar through reading, writing, listening and speaking practice. An introduction to Hispanic culture is presented utilizing authentic resources such as media, film, and music. The Spanish I syllabus introduces the learner to topics such as school and home in the present tense. There are no prerequisites and the course is open to students in all grade levels. No prior knowledge of Spanish is assumed.

HONORS SPANISH I

*SPN101HNY 1 Credit*

The honors level in the Spanish language takes a broader look into language and cultural concepts in order to allow for a more in depth study of the language. This includes learning vocabulary and grammar through reading, writing, listening and speaking practice. An introduction to Hispanic culture is presented utilizing authentic resources such as media, film, and music. The Spanish I syllabus introduces the learner to topics such as school and home in the present tense. There are no prerequisites and the course is open to students in all grade levels. No prior knowledge of Spanish is assumed. The National Spanish Exam is offered.

SPANISH II

*SPN201CPY 1 Credit (prerequisite: Spanish I)*

This course continues to develop the basic mechanics of Span-

ish, focusing on the four skills: speaking, listening, reading, and writing. The course provides a continuation of the present tense and introduces the past and future tenses. The students will produce written projects and spoken presentations around food, travel, and daily routine. This course uses a variety of on-line resources such as cultural readings, movies, and listening exercises in the target language to increase language proficiency. This course is preparation for Spanish III.

HONORS SPANISH II

*SPN201HNY 1 Credit (prerequisite: Honors Spanish I or permission of Spanish I instructor)*

This course continues to develop the mechanics of Spanish, focusing on the four skills: speaking, listening, reading, and writing. The course provides a continuation of the present tense and introduces the past and future tenses. The students will produce written projects and spoken presentations around food, travel, and daily routine. This course uses a variety of online resources such as cultural readings, movies, and listening exercises in the target language to increase language proficiency. More complex reading, listening, and writing activities will be included. Participation in the National Spanish Exam is offered. This course is preparation for Spanish III Honors.

SPANISH III

*SPN301CPY 1 Credit (prerequisite: Spanish II)*

This course continues to review verb structures in the present, past and future tenses. The course stresses the further development of the four skills of reading, writing, listening and speaking in the target language. Students will write and converse on practical everyday and authentic cultural topics such as food, healthy living, domestic living and travel. This course is preparation for Spanish IV.

HONORS SPANISH III

*SPN301HNY 1 Credit (prerequisite: Honors Spanish II and/or permission of Spanish II instructor)*

This course will continue the study of the verb system, explore new vocabulary topics, and grammatical concepts. The course stresses the development of conversational skills and control of the verb system, with emphasis on the subjunctive mood. Authentic cultural topics will be explored throughout the year through a variety of media. Students will interact as much as possible in the target language. Participation in the National Spanish Exam is encouraged. This course is preparation for Spanish IV Honors or Spanish IV AP Language and Culture.

SPANISH IV

*SPN401CPY 1 Credit (prerequisite: Spanish III)*

This course will continue the study of Spanish grammar and conversation. The course stresses the advancement of speaking, listening, reading and writing skills and includes the study of

the subjunctive and imperative moods. Students will build on their previous knowledge to interpret and converse on authentic print, video, and music materials. Students will continue working on conversational speaking skills.

HONORS SPANISH IV

*SPN401HNY 1 Credit (prerequisite: Honors Spanish III or permission of Spanish III instructor)*

This course will continue the study of the Spanish language through in-depth readings and media on the geography, history and rich culture of the Spanish-speaking world. The course stresses the advancement of conversational, listening and written skills to communicate with more confidence. Grammatical skills will continue to be honed, including the addition of more advanced grammar topics, furthering their study of the verb system. Students will be expected to communicate as much as possible in Spanish with classmates and the teacher.

ADVANCED PLACEMENT SPANISH LANGUAGE & CULTURE

*SPN401APY 1 Credit (prerequisite: Honors Spanish III or Honors Spanish IV)*

The AP Spanish Language course is an in-depth survey of the Spanish language which prepares students for the AP Spanish Language and Culture examination. The course is designed around the six AP themes: Global challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. Students will refine their grammar skills, and increase their proficiency in their language skills.

*Only Spanish is spoken by the teacher and students are encouraged to do likewise. The essentials of Spanish grammar are reviewed and expanded upon. Students are required to take the Advanced Placement Language exam.*

SPANISH V

*SPN501CPY 1 Credit (prerequisite: AP Spanish Language and Culture)*

This course is a survey of the Spanish language, current events, Hispanic literature, and history of Spain and Latin America. Students refine their grammar skills and increase their proficiency in the language via reading and discussion of stories, and selections in a variety of media. Students improve their writing skills through essays, journals, as well as a culminating author paper. Only Spanish will be spoken by the teacher and students. In addition, the course prepares the students for the AP Spanish Language and Culture Exam.

*Texts: AP Spanish Language and Culture Preparation (Vista Higher Learning), and a variety of other anthologies and media.*





DESIGN, ENGINEERING & TECHNOLOGY

Students taking classes in Lincoln Academy’s Design, Engineering, and Technology department engage in hands-on problem solving through project based learning.

Based primarily in our state-of-the-art Applied Technology and Engineering Center featuring wood, metal and fabrication shops, a graphic design studio and flexible project space, our classes challenge students to develop design thinking, problem solving, collaboration, communication, and innovation skills.

Skills developed in these classes can be applied to opportunities in the trades and computer science, certificate programs, two and four year colleges, engineering programs and beyond.

*One-third (1/3) of a credit in Design, Engineering and Technology (DET) is required for graduation and is most often fulfilled by taking Introduction to DET. The DET graduation requirement may also be fulfilled by certain other specific classes such as Jewelry and Metalsmithing, Robotics, Computer Science, Digital Photo, Graphic Design or Digital Media Production.*

*Introduction to DET and teacher permission are the prerequisites for Wood, Metal, Mechanical and DET Independent Projects, (which may be repeated only with teacher permission).*



TRIMESTER

INTRODUCTION TO DESIGN, ENGINEERING AND TECHNOLOGY (DET)

*DET101GET 1/3 Credit*

This course provides the foundation (and is the prerequisite) for all other project based courses in the DET department. Grounded in the design thinking process, students engage in hands-on group design challenges, learn the design process, technical drafting and measurement, shop safety, and how to use shop tools and technology. They then apply these skills to design and build a project in the wood shop.

Students may further develop these core skills in more specialized project based courses such as Jewelry and Metalsmithing, Wood Projects, Metal Projects, Mechanical Projects and Independent DET Projects.

WOOD PROJECTS

*DET506GET 1/3 Credit (prerequisite: Intro to DET & permission of instructor).*

This self-paced, project driven course allows students to create, design, and build projects using wood as the medium. Students have the opportunity to be trained on and use a variety of hand tools and specialized machinery in the wood shop including the CNC machine, laser cutter, miter saw, table saw, planer and jointer. Projects are designed by the students and will reflect their interests and skills in woodworking.

*With permission of the instructor this course may be taken more than once for credit with students working to their skill level.*

METAL PROJECTS

*DET504GET 1/3 Credit (prerequisite: Intro to DET & permission of instructor).*

This course introduces students to the principles of using metal as a medium. With mild steel as the primary material, students practice basic metal fabrication using hand-held tools, gas forging, and electric welding. Techniques include cold cutting, grinding, forging and electric welding. With a practical understanding of one’s ability within the metal shop, students will design, plan, and construct a functional metal object.

*With permission of the instructor this course may be taken more than once for credit with students working to their skill level.*

MECHANICAL PROJECTS

*DET503GET 1/3 Credit (prerequisite: Intro to DET & permission of instructor).*

Students will expand their design skills and build on their knowledge in the metal and wood shops to create unique projects. Students may utilize specialized tools like the laser cutter, CNC machine and CAD software. Projects may include build-



ing a Go-Kart, speaker cabinet design, engine restoration and making other small mechanical machines.

*With permission of the instructor, this course may be taken more than once for credit with students working to their skill level*

DIGITAL PHOTOGRAPHY

*VSA513ELT1/3 Credit (prerequisite: Art Fundamentals)*

Learn how to create interesting images that elevate your work from “snapshots” to “photographs”. We will take photos, manipulate them digitally, look at work by professional photographers and present some of your images in an on-campus show. All students must have a personal device to use for taking photos outside of class time (phones with cameras or any type of digital camera will do).

*This course may count for the graduation requirement in Visual and Performing Arts (VAPA) or DET departments.*

GRAPHIC DESIGN I

*VPA502GET 1/3 Credit (prerequisite: Art Fundamentals)*

This course introduces graphic design concepts and skills with an emphasis on creative problem solving and design thinking. Students explore the elements and principles of effective design and visual communication, and learn the introductory skills of photo editing, vector-based design, and creating digital layouts for web and print using industry-standard Adobe Creative

Suite programs: Photoshop, Illustrator, and InDesign.

*This course may count for the graduation requirement in VAPA or DET departments.*

GRAPHIC DESIGN II

*VPA503GET 1/3 Credit (prerequisite: Graphic Design I)*

Students will continue developing graphic design skills, beginning with layouts using Adobe InDesign and advanced work image editing lessons in Adobe Photoshop and vector design lessons in Adobe Illustrator. Projects may include event posters, brochures, print or web design, logo and branding collateral, typography, font design, digital illustration, and students may explore additional aspects of design based on their individual interests.

*This course may count for the graduation requirement in VAPA or DET departments.*

JEWELRY & METALSMITHING I

*DET512ELT 1/3 Credit (prerequisite - Art Fundamentals or Intro. to DET)*

Ever wondered how to make metal jewelry? This course introduces the basic concepts of creating small-scale metalsmithing and jewelry using non-ferrous metals. Students will design and fabricate functional metal objects and wearable jewelry in copper, brass, and silver. Through investigation of metalsmithing



## FULL YEAR

### AP COMPUTER SCIENCE PRINCIPLES

*DET301APY 1 credit (prerequisite: junior/senior and permission of instructor)*

This Advanced Placement course offers a multidisciplinary approach to teaching the underlying principles of computation. AP Computer Science Principles will give the students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. The “seven big ideas” explored in this course are: creativity, abstraction, data and information, algorithms, programming, the internet, and global impact.

*This course runs every other year and will run in the 2023-2024 school year.*

### AP COMPUTER SCIENCE A

*DET401APY 1 Credit (prerequisite: junior or senior or permission of the instructor)*

AP Computer Science A introduces students to computer science with fundamental topics that include problem-solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using the Java programming language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems.

*This course runs every other year and will run in the 2024-2025 school year.*

### YEARBOOK & COMMUNICATIONS

*DET507GEY 1 Credit*

Students will produce the 2024 Lincoln Academy Yearbook in this class, as well as work on media and communications for the school in general. Students will learn the basic skills of journalism, photography, and graphic design. Real-life deadlines for the press, school publications, digital communications, and the yearbook itself will dictate course assignments. Collaboration, teamwork, and creative problem-solving skills are a strong focus. For students interested in communications, Yearbook pairs well with Graphic Design, Digital Photography, and Digital Media Production.

er-friendly website with a purpose. No experience needed, this course is an excellent preparation for AP Computer Science. This course is offered in Trimester 1.

### EXPLORING COMPUTER SCIENCE: APP DEVELOPMENT

*DET516ELT ½ credit*

Exploring Computer Science - App Development is an introductory level course that uses the design thinking model to learn the app development process. Students create app concepts and have the additional opportunity to code their app concept for participation in the Maine App Challenge. No experience needed, this course is an excellent preparation for AP Computer Science. This course is offered in Trimester 2. There are no prerequisites.

### EXPLORING COMPUTER SCIENCE: GAME DEVELOPMENT

*DET517ELT ½ credit*

Exploring Computer Science - Game Development is an introductory level course that uses the design thinking approach to build a game using code. Students learn the basics of game design and development and create a web-based interactive game using javascript. This course is the most coding-intensive of the three Exploring Computer Science courses. No experience needed; this course is an excellent preparation for AP Computer Science. This course is offered in Trimester 3. There are no prerequisites.

### INTRODUCTION TO COMPUTER AIDED DESIGN

*DET510GET 1/3 Credit*

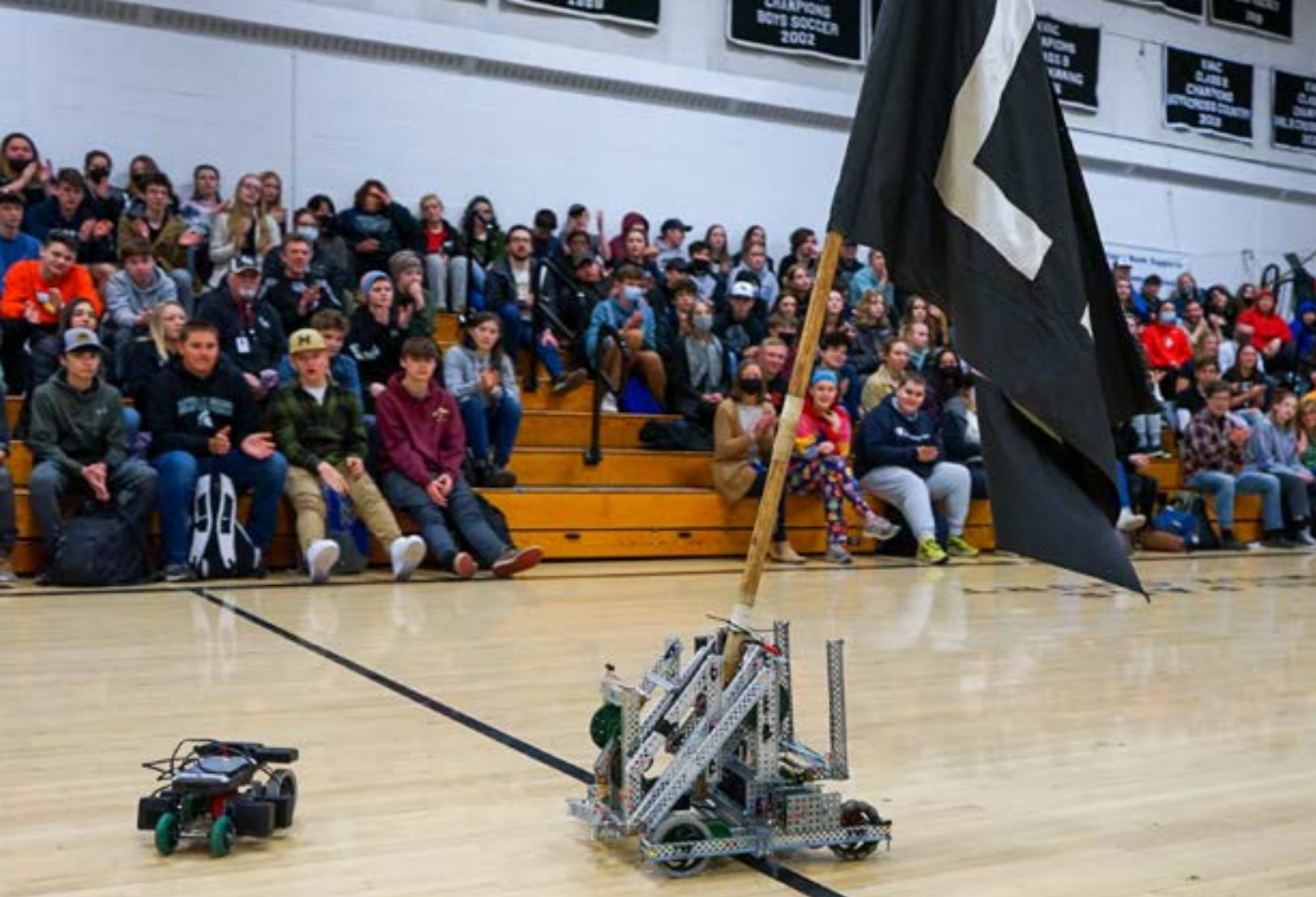
This course provides students with the skills to digitally model projects in Google SketchUp, an accessible Computer Aided Design (CAD) program. Students will be able to design a variety of projects from simple wooden furniture to advanced structures and timber framed houses.

### AQUACULTURE AND AQUAPONICS

*PSC504GET 1/3 Credit (prerequisite: Biology or Honors Biology)*

Aquaculture and Aquaponics is hands-on exploratory class that allows students access to a unique and growing industry in our backyard. Students will explore different types of ocean aquaculture like kelp and oyster production and help maintain a small-scale aquaponic ecosystem growing fish and salad greens at school. Students will also work with local aquaculture businesses and organizations. The skills and knowledge gained from this course will provide opportunities to develop a solid foundation for students wanting to learn more about this emerging industry.

*This course may count for credit in DET or Science departments.*



techniques and the cultural context of metal objects, students will learn metal sawing, piercing, texturing, cold connections, soldering, stone-setting, finishing techniques, patinas, and more.

*This course may count for the graduation requirement in VAPA or DET departments.*

### JEWELRY & METALSMITHING II

*DET513ELT 1/3 Credit (prerequisite: Jewelry & Metalsmithing I)*

Students will continue exploring jewelry and metalsmithing at an advanced level. Driven by student interest, areas of focus may include enameling, etching, stone-setting, wax carving, simple casting, forging, die-forming, production techniques, chasing & repoussé, advanced construction and fabrication.

*This course may be taken more than once for credit with permission of the instructor.*

### ROBOTICS

*DET505GET 1/3 Credit (prerequisite: currently enrolled in Algebra I, or successful completion of Algebra I)*

This project-based class provides students with the resources and opportunities to design, build, and program robots to

complete various challenges. Students will write and debug code that programs the robot to function autonomously, integrates feedback from sensors, and remotely controls the robot. Students work independently or in teams. Students can retake robotics; with each additional trimester, a student’s curriculum will become more independently driven.

### INTRODUCTION TO ARDUINO

*DET511GET ½ Credit*

This course will explore computing in the Arduino environment as well as provide an introduction to interfacing with external sensors and actuators (switches and rheostats, pressure, light, and distance sensors). The focus of the course is programming the Arduino microcontroller in the C++ language including an introduction to data structures, algorithmic programming, and problem solving.

### EXPLORING COMPUTER SCIENCE: WEB DEVELOPMENT

*DET515ELT ½ credit*

Exploring Computer Science - Web Development is an introductory level course that uses the design thinking model to design and build a website using code. Students use creative, problem-solving, and collaboration skills to design a us-



DIGITAL MEDIA PRODUCTION  
*DET508GEY 1 Credit (full year)*

DIGITAL MEDIA PRODUCTION  
*DET509GET 1/3 Credit*

A trimester course for students with an interest in creative digital media and film making. Students will work hands-on imagining and creating several types of video projects. Whether telling stories in the way a film maker might or developing promotional videos or documentaries, this course places a strong emphasis on planning workflow, being creative in design, and learning the technical aspects of the equipment. You might work with students who share your interests, or as an independent filmmaker. Either way your instructor will assist you in the process, as we create video works to be shared on the web and in the community. The course will prepare students to face a rapidly changing digital world that expects humans to understand the integrated aspects of media, whether they work in art & media, technology, business, or academics. Projects will include emphasis on a strong workflow process, creating narrative with the camera, and managing fully realized works of art.

*This course may be taken more than once for credit, and may count for either the VAPA or DET graduation requirement.*



LA WORKS

The Work Based Independent Study program helps Seniors begin to make the transition from high school to being a productive member of the workforce. The program serves a wide spectrum of students including those who know they want to continue working after graduating from Lincoln Academy, those who know what they want to do for work, and those who are unsure what their future holds. In this program, students can combine actual job experience with classroom learning.

Work Based Independent Study students must have a high level of motivation and organization to get the most from their experience. The program consists of two major parts: learning on the job and learning in the classroom. Students are responsible for finding work that meets the requirements of the program and does not conflict with academic expectations. Students will be able to work approximately every other afternoon and may not work on days when they are absent from school.

Entry into this program, and being successful with it, has significant requirements including that the student must secure their own job and transportation, and must provide proof of medical insurance. Once the student leaves the LA campus, Lincoln Academy (or any employees) will not be liable for any incident that may occur on the job site, or on the commute to and from the job site. The Independent Study Advisor will be in ongoing conversation with the employer, at least monthly.

While this program does not support a four year college pathway, it can be compatible with a two year college plan or a direct school-to-work program.

WORK BASED INDEPENDENT STUDY:

*UND500INY 2 Credits (Seniors only)*

Requirements: completion of Work Based Independent Study application and acceptance into the program, permission of Independent Study Committee, proof of employment, working cell phone, valid driving license and reliable (insured) transportation. Self-employed students can enroll in the program if they have been self-employed for two years. Proof of two years self-employment will be required. In class time, we will focus on issues including goal setting, getting and keeping a job, advancing within a company, budgets, revenue, profit and losses, seeking future jobs, resumes and appropriate business communication skills. Course work includes hands-on activities, films, group work, research, projects, conversation, collaboration and having fun. See Career and Academic Counseling Office or instructor for further information.

EXPLORING THE WORLD OF WORK

*UND500GET 1/3 Credit (Sophomores primarily)*

In this class, we will explore the world of work in the Mid-

coast and how students fit into that working world. We will learn about and visit local and regional employers so that students understand the wide set of options, pathways and trends for the working world in the Midcoast and beyond. Students will discover their own interests and skills so that they come to understand how they fit into the world of work. Students will use Naviance extensively to learn about themselves and potential pathways in the working world. Local and regional employers may include Shuck Station, Hardy Boat, MidCoast Energy, Hidden Valley Nature Center, Reny’s, Darling Marine Center, BIW, and MaineHealth. Course work includes hands-on activities, visits to employers, films, group work, research, projects, discussion, and collaboration. Topics include current employment opportunities, future employment trends, student skills inventory, career aspirations, goal setting, resume writing, workplace regulations and protections.

FAMILY & CONSUMER SCIENCE

UND501GET COOKING

*1/3 Credit*

Topics covered include kitchen safety, basic cooking techniques, following recipes, cooking without recipes, nutrition, table manners, preparing ethnic foods, cake decorating, and vegetarianism. Specific recipes are determined by the interests of the class. Classes include lectures, demonstrations, readings, videos, and cooking (and eating) labs.

*Lab fee \$10.00*



VISUAL & PERFORMING ARTS

All art, music and theater courses fulfill the visual and performing arts (VAPA) credit for graduation.

VISUAL ARTS

Visual Art courses are open to all students at all skill levels. Courses in this department are designated as Introductory, Intermediate, or Advanced. Each level is intended to build up to more complex visual problems, challenges, and media. Depending upon sign-ups, some trimester courses may not run every year. One trimester of Art Fundamentals is required as a prerequisite for all other Visual Arts courses. All art courses fulfill the “Visual and Performing Arts” credit.

INTRODUCTORY COURSES:

ART FUNDAMENTALS

*VSA101GET 1/3 Credit*

This course is your first step on the road to visual literacy; it will provide the foundation (and prerequisite) for all other visual art classes and will give you skills and knowledge to make interesting, dynamic pieces of art. The course is structured around the 7 Elements and 8 Principles of design, with opportunities to personalize projects. You will explore a variety of media such as pencil, paints, pastels, collage, sculptural materials, print-making, and pen & ink, and topics of expression generated by your own imagination, visual challenges, and observation of the world around you.





## DIGITAL PHOTOGRAPHY

*VSA513ELT 1/3 Credit (prerequisite: Art Fundamentals)*

Learn how to create interesting images that elevate your work from “snapshots” to “photographs.” We will take photos, manipulate them digitally, look at work by professional photographers and present some of your images in an on-campus show. All students must have a personal device to use for taking photos outside of class time (phones with cameras or any type of digital camera will do).

*This course may count for the graduation requirement in VAPA or DET departments.*

## DRAWING I

*VSA203ELT 1/3 Credit (prerequisite: Art Fundamentals)*

Can’t draw a straight line with a ruler? You might like this course! Drawing can be learned, just like basketball or dance. In this class you will use your imagination, pictures, and real-life as sources for drawing. Use pencils, markers, pens, conte-crayons, cray-pas, pastels, and even some paint and weird stuff to create all types of “drawings.” We will learn how drawing from observation can create interesting images, both realistic and abstract. This is a great course to round out your portfolio or to experiment with new concepts and techniques.

## GRAPHIC DESIGN I

*VPA502GET 1/3 Credit (prerequisite - Art Fundamentals)*

This course introduces graphic design concepts and skills with an emphasis on creative problem solving and design thinking. Students explore the elements and principles of effective design and visual communication, and learn the introductory skills of photo editing, vector-based design, and creating digital layouts for web and print using industry-standard Adobe Creative Suite programs: Photoshop, Illustrator, and InDesign.

*This course may count for the graduation requirement in VAPA or DET departments.*

## INTRODUCTORY SCREEN PRINTING

*VSA205ELT1/3 Credit (prerequisite: Art Fundamentals)*

In this course, you will learn how to design an image, cut stencils, and use photographic processes to print with this method on paper, fabric (including T-shirts), and three dimensional objects. All students are encouraged to sign up even if you think you are not artistic. (Students are responsible for providing their own T-shirts).

## JEWELRY & METALSMITHING I

*DET512ELT 1/3 Credit (prerequisite - Art Fundamentals or Intro. to DET)*

Ever wondered how to make metal jewelry? This course introduces the basic concepts of creating small-scale metalsmithing

and jewelry using non-ferrous metals. Students will design and fabricate functional metal objects and wearable jewelry in copper, brass, and silver. Through investigation of metalsmithing techniques and the cultural context of metal objects, students will learn metal sawing, piercing, texturing, cold connections, soldering, stone-setting, finishing techniques, patinas, and more.

*This course may count for the graduation requirement in VAPA or DET departments.*

## PAINTING I

*VSA204ELT 1/3 Credit (prerequisite: Art Fundamentals)*

Color, Space, Texture, Mood, and Sense of Place will be cornerstones for this course. Painting I is the introduction to using acrylic, watercolor, and water-soluble oil paints, as well as ink, and pastel “paintings.” Students will explore using these media to express themselves with both realistic and imaginative subjects. The focus will be on learning to manipulate the materials to achieve the effects you desire.

## SCULPTURE

*VSA206ELT 1/3 Credit (may be taken more than once for credit) (prerequisite: Art Fundamentals)*

This course is designed to introduce you to the materials, methods and concepts involved in the creation of sculpture. The principles of three-dimensional form will be explored through a variety of materials and assignments. Various tools and techniques, associated with each media, will be utilized. Assignments will incorporate material specific techniques that cover additive, subtractive, construction, modeling and molding practices. Together we will problem solve original ideas while learning studio safety and responsibilities. The emphasis of this course will be on the creative design and production of both functional and sculptural objects. We will explore the relationship between art, design, and craft. Respect for equipment and safety will be emphasized.

## TRIMESTER CERAMICS

*VSA207ELT 1/3 Credit (may be taken more than once for credit) (prerequisite: Art Fundamentals)*

This trimester course is an introduction to basic ceramic processes, including hand building techniques (pinch, coil, slab and mold), surface treatment (glaze, underglaze and stains), the potter’s wheel, and studio responsibilities. The emphasis of this course will be on the creative design and production of both functional and sculptural ceramic objects.



INTERMEDIATE COURSES:

ADVANCED SCREEN PRINTING

VSA305ELT 1/3 Credit (prerequisite: Art Fundamentals & Introductory Screen Printing) (Note: this course can be taken more than once)

In this course, you will continue to work with processes learned in the Introductory course (such as paper & vinyl stencils and photographic processes) as well as experiment with many other ways to create an image using a screen and squeegee, with or without stencils. Every other project is “free choice.”

DRAWING II

VSA303ELT 1/3 Credit (prerequisite: Drawing I)

Drawing II is an extension of what is learned in Drawing I. We will have more in-depth assignments, especially learning how to draw people. Some more challenging materials will be used such as scratchboard and pen & ink, and you’ll be able to do one major project based on your own interests.

CERAMICS I

VSA202ELY 1 Credit (prerequisite: Art Fundamentals)

This year-long ceramics course dives deeper into working with clay by covering ceramic processes on a more advanced level. Assignments will incorporate hand building techniques as well as slip casting, mold making, extrusion and wheel throwing. We will explore a variety of surface treatments (glaze, underglaze and stains) while learning studio responsibilities. The emphasis of this course will be on the creative design and production of both functional and sculptural ceramic objects.

GRAPHIC DESIGN II

VPA503GET 1/3 Credit (prerequisite - Graphic Design I)

Students will continue developing graphic design skills, beginning with layouts using Adobe InDesign and advanced image editing lessons in Adobe Photoshop and vector design lessons in Adobe Illustrator. Projects may include posters, brochures, print or web design, logo and branding collateral, typography, font design, digital illustration, and students may explore additional aspects of design based on their individual interests.

This course may count for the graduation requirement in VAPA or DET departments.

JEWELRY & METALSMITHING II

DET513ELT 1/3 Credit (prerequisite - Jewelry & Metalsmithing I)

Students will continue exploring jewelry and metalsmithing at an advanced level. Driven by student interest, areas of focus may include enameling, etching, stone-setting, wax carving, simple casting, forging, die-forming, production techniques, chasing & repoussé, advanced construction and fabrication. This course may be taken more than once for credit with permission of the instructor.

PAINTING II

VSA304ELT 1/3 Credit (prerequisite: Painting I)

Painting II is an extension of the learning in Painting I with students’ interests determining the curriculum. Advanced media such as oil paints and pastels, and methods such as impasto and painting on canvas or on a larger scale will be explored. Students can request aspects of painting that interest them.

ADVANCED COURSES:

ADVANCED ART

VSA201ELY 1 Credit (prerequisite: Art Fundamentals)

Imagine your own personal art space and a class that develops your portfolio using your strengths and interests. This is that class! It is a year-long course of advanced visual art. The first and third trimesters are spent on a variety of projects to build upon your portfolio demonstrating a breadth of artistic knowledge. The second trimester is spent in an area of “concentration” – you choose your goals, media, and content to develop a body of work around a concept of your choosing. This course is ideal for students interested in art for art’s sake as well as those interested in pursuing visual arts in college and/or as a career. Students interested in taking AP art would benefit from taking this course the year before.

ADVANCED PLACEMENT ART (AP 2D Art and Design and/or AP Drawing)

VSA301APY 1 Credit (prerequisite: Art Fundamentals)

These courses follow the AP curriculum requirements culminating in 2 portfolios; Sustained Investigation and Quality, which constitute your AP “exam”. Students work with a variety of materials and concepts, focus on a concentration of their choosing for much of the year, and participate in the spring art show. In order to get the maximum benefit out of this course, students are encouraged to first take Advanced Art and as many other two-dimensional trimester offerings as they can. Doing so may also help students identify the area of concentration that they would like to pursue during the course.

CERAMICS II

VSA208ELY 1 Credit (may be taken more than once for credit) (prerequisite: Art Fundamentals and Ceramics I)

Ceramics II is an extension of the experience in Ceramics I with students’ interests determining the curriculum. Students will develop more advanced sculpting methods, wheel throwing skills, and surface treatments. This level will also include portfolio photography and additional expectations to help load kilns and maintain the studio.



PERFORMING ARTS  
THEATER

Theater classes are open to all students at all skill levels. Classes in this course guide include acting and production tech training. All theater courses fulfill the Visual & Performing Arts (VAPA) credit or can be taken as electives for students wishing to pursue in-depth training and preparation for college programs.

ACTING I

PFA101THT 1/3 Credit

Anyone can act! Learn why. This class helps students gain confidence in their performance skills by being actively involved in movement, acting technique, character analysis, memorization, and scene work. The course will include basic theater terms, monologues, improvisation and scene work. This course is great for students who have never been on stage as well as students with some experience.

ACTING II

PFA201THT 1/3 Credit (May be taken more than once, with students working to skill level) (prerequisite: Acting I or permission of instructor)

Making acting skills into an acting craft. Students will develop in depth techniques for roles in school and community productions. Class includes a basic overview of theater history and careers in the theater, along with workshops from outside presenters, and intense scene work that culminates in a final performance.

PLAY PRODUCTION

PFA103THT 1/3 Credit (May be taken more than once, with students working to skill level)

This course explores the tech side of theater. In a “hands on environment, students will learn the fundamentals of scene design, lighting, sound, and set construction. This class will contribute to the tech aspects of whatever play is currently on the Poe stage, while developing independent projects, as well. Part of the final project of this class is to produce the One Act Play Festival in March. Students who take this class will be well prepared to participate as technical staff in the Performing Arts music and theater productions: fall musical or play, Maine Principals’ Association One Act Play Festival.

INTRO TO FILM

PFA102ELT 1/3 Credit

Students will be actively involved in a multi-media situation by watching, critiquing, shooting, and editing films. They will discuss and review landmark films as well as the films they create. Students will consider historical, aesthetic, cultural, and technological trends affecting motion pictures from the origins in the late 19th century through the present.





ADVANCED FILM

*PFA202ELT 1/3 Credit (May be taken more than once, with students working to skill level. Prerequisite: Intro to Film or instructor permission)*

Students will create their own films, focusing on the real life situations of pre-visualization, pre-production (storyboards, scripts, mockups, trailers, etc.), production (casting, acting, directing, cinematography, special effects, and location shooting) and post-production (working with raw footage, editing, titling, music/sound scoring, and premiering works to audiences). Students will work together on projects in process, taking on multiple roles in the filmmaking process. Students who have taken Introduction to Film or Digital Media are welcome to suggest independent filmmaking projects.

DIGITAL MEDIA and FILM PRODUCTION

*DET508GEY 1 Credit (full year)*

DIGITAL MEDIA PRODUCTION

*DET509GET 1/3 Credit (trimester)*

A trimester course for students with an interest in creative digital media and film making. Students will work hands-on imagining and creating several types of video projects. Whether telling stories in the way a film maker might or developing promotional videos or documentaries, this course places a strong emphasis on planning workflow, being creative in design, and learning the technical aspects of the equipment. You might work with students who share your interests, or as an independent filmmaker. Either way your instructor will assist you in the process, as we create video works to be shared on the web and in the community. The course will prepare students to face a rapidly changing digital world that expects humans to understand the integrated aspects of media, whether they work in art & media, technology, business, or academics. Projects will include emphasis on a strong workflow process, creating narrative with the camera, and managing fully realized works of art.

*This course may be taken more than once for credit, and may count for either the VAPA or DET graduation requirement.*

MUSIC

Music classes are open to all students at all skill levels. The following 1/3 credit courses are open to students with little to no musical background: Piano, Beginner Guitar, Ukulele and Rock & Roll: the History and the Music. The Jazz Big Band is 1/3 credit and is open to students with little or no experience in Jazz. All music courses fulfill the “Visual and Performing Arts” credit or can be taken as electives for students wishing to pursue in-depth training and preparation for college programs.

ELECTIVES

PIANO

*PFA103MUT 1/3 Credit (This class may be taken up to 3 times for credit)*

Want to learn to play the piano? Want to improve your playing if you have just a little experience already? You’ll have fun learning to play the piano at your own pace! You’ll learn to read notes, play beginning piano pieces, and choose your own music. You do not need to have your own piano keyboard. All work will be done right in class by practicing on your own piano under headphones.

ADVANCED STUDIES PIANO

*PFA302MUT 1/3 Credit (This class may be taken up to 3 times for credit)*

If you’ve already mastered more advanced playing and music reading skills, this is the piano class for you. Supervised, individualized practice will help improve technique, understand music theory, and develop a “book” of tunes that you would be able to play for public performances, recitals, or college auditions. Performing in public is not required, but preparing for that level of playing is part of the course. Advanced students are also strongly encouraged to take private lessons.

BEGINNER GUITAR

*PFA501MUT 1/3 Credit*

Always wanted to learn how to play the guitar? This class is for BEGINNERS! You’ll learn how to tune your guitar, play classic rock/pop songs with basic chords and play basic strumming patterns. You will also get to work on your own songs using YouTube or other sources. Students may provide their own guitar or borrow one for the trimester. Electric guitar players must bring their own practice amp.

UKULELE

*PFA504MUT 1/3 Credit*

It’s the new and happening instrument that you can take anywhere! It’s also super simple to learn to play. Beginners and experienced players are welcome. You will learn the basic chords that are in most current popular music and sing-along songs. You will also learn more complex chords from earlier pop music. You can purchase a uke at [musiciansfriend.com](http://musiciansfriend.com) or borrow one for the trimester.

ROCK & ROLL: THE HISTORY AND THE MUSIC

*PFA502MUT 1/3 Credit*

Do you want to know how rock and roll, pop, hip-hop, rap, country and classic rock music began? Students will study the roots of rock and roll and follow its development from the 1950’s through the present. Students will be expected to be



actively involved in the discussions, presentations and performances of currently recording rock/pop groups and performers; including the opportunity to make presentations on their personal favorite performers. Students will have the opportunity to learn to play the basics of Rock and Roll instruments: Guitar, Piano, Bass and Drum set. This is not a performance based class.

WORLD MUSIC

PFA503MUT 1/3 Credit

World Music is a trimester class that will embrace the music and customs of numerous countries and cultural backgrounds. The goal of the class is to expose students to the origins of music around the world. Students will learn the history, customs and folk music of each culture/ethnicity. Students will learn to play the foundational percussion rhythms of each culture and will be able to discuss the similarities and differences in the music of each culture studied. When possible, we will include home/family cultures of students taking the class.

ADVANCED PLACEMENT MUSIC THEORY

PFA302APY 1 Credit (prerequisite: permission of instructor)

Students who take this class must have previously studied an instrument or voice and have basic music reading skills. AP

Music Theory is a college/conservatory prep class designed to develop comprehensive musicianship through the study of theory, harmony, composition, aural dictation, and sight-singing. Students are required to take the AP Exam in May as part of the course curriculum.

PERFORMING ENSEMBLES

TENOR/BASS CHOIR

PFA103MUY 1 Credit

You know that feeling of your voice cracking? Have fun learning to sing with other low or changing voices like yours! Any tenor/baritone/bass freshman, sophomore, junior or senior can join Tenor/Bass Choir to build their changing voice in a friendly, low pressure environment. You will learn to read music and learn to sing all kinds of Tenor/Bass specific music. You'll build up your confidence to perform in public at various seasonal concerts. All singers in this group are expected to have a great teamwork attitude and decent grades in other classes so that they can tour with the group. You will have a chance to sing with Treble Choir in concert on some combined tunes. Students will get the training they need to audition for Lincolnaires or they may sign up for Tenor/Bass Choir multiple years. Students will also be able to audition for Districts and All State Honors Festivals.



TREBLE CHOIR

PFA104MUY 1 Credit

This choir is for treble voices only! You will gain confidence singing in your low pop/Broadway belt and in your high classical voice in a very friendly, low pressure environment. All sopranos, mezzo sopranos and altos in grades 9-12 are welcome no matter their skill level. You will learn to read music and sing all kinds of treble-specific music. Singers in this group are expected to have a great teamwork attitude and decent grades in other classes so they can tour with the group. You will have a chance to sing in concert with Tenor/Bass Choir on some combined tunes. Students will get the training they need to audition for Lincolnaires or they may sign up for Treble Choir multiple years. Students will also be able to audition for Districts and All State Honors Festivals.

LINCOLNAIRES

PFA203MUY 1 Credit (audition required)

Lincolnaires is an advanced vocal ensemble for predominantly juniors and seniors who read music and sing soloistically. Only very skilled sophomores will be considered. Lincolnaires perform at numerous festivals and contests throughout the school year. Students in this ensemble are expected to maintain a high degree of personal conduct and academic excellence so they can tour with the group. Lincolnaires are required to audition for Districts. They may choose to audition for All State. For Lincolnaires audition information contact Ms. Anderson at andersone@lincolnacademy.org.

STRING ORCHESTRA

PFA204MUY 1 Credit

This is a non-auditioned ensemble for students in grades 9 - 12 who have prior experience playing Violin, Viola, Cello and String Bass. Students study beginner and intermediate levels of their chosen instrument and traditional orchestra music. Students quickly progress to more advanced levels. Students are expected to master skills in music theory and methods appropriate for their level of instrumental study. Students perform in concerts throughout the school year. Students are required to schedule at least one private lesson with Instructor each trimester. Attendance at lessons is required. Student purchase of a uniform shirt/jacket is required. There will be at least four required concerts during the school year.

CONCERT BAND

PFA102MUY 1 Credit

This is a non-auditioned band open to any student interested in playing a wind instrument or percussion. Students study beginner and intermediate levels of their chosen instrument and traditional band. Students quickly progress to more advanced levels. Students are expected to master skills in music theory and methods appropriate for their level of instrumental study. Students perform in concerts and parades and will have the opportunity to audition for District III Honor Band. Students are required to schedule at least one private lesson with Instructor each trimester. Attendance at lessons is required. Student purchase of a uniform band jacket and t-shirt is required. There will be at least four required performances during the school year including concerts and parades.





WIND ENSEMBLE

*PFA201MUY 1 Credit (prerequisite: Concert Band and audition and/ or permission of instructor)*

This is an auditioned band geared toward advanced players. Students must successfully complete one year in Concert Band to audition for Wind Ensemble. Students study Symphonic Band repertoire at an advanced level and are expected to master skills in music theory and methods appropriate for their instrument of study. Students are expected to audition for District III Honor Band and will have the opportunity to audition for the All-State Festival. Students in this ensemble are expected to maintain a high degree of personal conduct and academic excellence so they can tour with the group. Attendance at sectionals (every other week, before school) is required. Student purchase of a uniform band jacket and t-shirt is required. There will be at least four required performances during the school year including concerts and parades.

JAZZ BIG BAND

*PFA301MUT (Meets Thursdays after school) 1/3 Credit (prerequisite: signature of instructor required)*

Students with little to no jazz experience prepare, analyze, and perform material selected from the jazz repertoire in an encouraging environment. Additionally, students will learn the technique of improvisation – a main ingredient in jazz performance – and will learn to perform in a stylistically accurate manner. Students may participate on their original or secondary instruments. There will be at least three required performances during the school year. The Jazz Big Band may participate in large group festivals in February and March.

JAZZ ENSEMBLE

*PFA202MUT (Meets Thursdays after school) 1/3 Credit (prerequisite: audition and/or signature of instructor required)*

Students of intermediate/advanced skill levels prepare, analyze, and perform material selected from the jazz repertoire. Additionally, students will continue to refine their improvisation techniques and knowledge of improvisation. Students will learn to perform in a stylistically accurate manner; differentiating between mainstream Jazz, Latin, Blues, etc. Students take part in arranging jazz standards and/or composing originals. This class is split into two sections: the Four and Five O’clock Jazz Combos. There will be at least three required performances during the school year. The Five O’clock Jazz Combo members are expected to perform at numerous fundraising events throughout the year. The Jazz Ensemble may participate in large group festivals in February and March.

WELLNESS DEPARTMENT

Wellness is an essential part of one’s life. Students will learn to apply wellness concepts through a variety of course offerings and will address the importance of those concepts in different activities. The objective of our program is to provide each student with a variety of opportunities, which will assist them with growth, self-exploration and skill development, and will expand upon his/her optimal level of fitness. Each course will challenge and encourage all students to exhibit responsible behavior that respects self and others (community service), to learn lifelong skills that promote good choices, better physical fitness and overall well being. To graduate, each student must earn a total of 1 and 2/3 of Wellness credits. These credits must include Introduction to Wellness (1/3 Wellness credit), Wellness for Life (1/3 Wellness Credit) and Fitness & Weight Training (1/3 Wellness credit).

INTRO TO WELLNESS

*WL1101GET 1/3 Credit (freshman or sophomore year)*

In this course, students will learn the wellness components to better understand their overall well-being and how decisions may affect each of these components in both positive and negative ways. This course is designed to motivate and enable students to maintain and improve their overall wellness, prevent disease, and reduce risky behaviors. The interrelationship of those wellness components is addressed through a variety of topics discussed in class, which include, but are not limited to: personal health, family life, growth and development, disease prevention, stress and stress related conditions, nutrition, healthy and unhealthy relationships, harassment and bullying, internet safety and substance use/abuse.

WELLNESS FOR LIFE

*WL2102GET 1/3 Credit (junior or senior year) (prerequisite: Intro to Wellness)*

After successfully completing Intro to Wellness, students are required to take this course in their junior or senior year. Wellness for Life focuses on critical health issues in today’s society, such as healthy/unhealthy relationships, social and emotional interactions with others, media and peer influences on one’s ability to make appropriate/healthy decisions, bystander issues/ responsibility, asking for and getting help when needed. Topics covered in this course include aspects of healthy relationships, communication skills, types of abuse, STDs and risky behaviors, gender roles and stereotypes, family life and teen parenting issues, consumer health and community health.

*Through completion of Intro to Wellness and Wellness For Life classes, students will then meet these two graduation requirements.*



FITNESS AND WEIGHT TRAINING

*FTW103GET 1/3 Credit*

This required course is designed to focus on concepts of physical wellness with a concentration on cardiovascular/muscular fitness and functional/plyometric training. General aims of this course include developing students’ knowledge of and ability to use progressive resistance training as a part of personal exercise prescription. Along with that, nutrition and food log, healthy vs. unhealthy aspects of supplement use, will be addressed as well. As a result of this course, students should feel capable and confident participating in progressive resistance exercise in any available training facility. Under teacher’s supervision, this class allows students to design and implement a fitness plan to assess their progress in achieving fitness goals. This class is an excellent opportunity to improve fitness levels, prepare for athletics, or to simply get in better shape!

*This class meets the 1/3 of the required Fitness and Weight wellness credit and can be taken again as an elective credit.*

SAVE A LIFE!

*WEL503ELT 1/3 Credit (Class size is limited)*

Emergencies occur when we least expect it. Are you prepared to respond in a crisis? This course will provide you with the knowledge and skills necessary in an emergency to help keep someone alive, reduce pain, and minimize the consequences of injury or sudden illness until professional medical help arrives. Successful completion of the course will result in a First Aid/

CPR certification from the American Red Cross (ARC), which may be beneficial for your summer job at a summer camp, daycare center, recreation center and other community areas. In addition to the ARC part of the class, students may be introduced to a Wilderness First Aid component.

*Course Fee \$ 50*

COOPERATIVE/TEAM GAMES

*WEL501ELT 1/3 Credit*

This course gives students the knowledge and skills to make the most of their physical and mental abilities. Cooperative/Team Games class objectives are to address necessary competencies, which include but are not limited to: communication skills, goal setting skills, cooperative skills, problem solving, as well as challenging their levels of physical fitness. Through assigned portfolios and other written assignments/assessments, students learn to evaluate their own participation, work on improving their cooperation and work through scenarios that make them practice and understand the importance of teamwork/ team building. They develop the ability to learn new skills and improve performance, while gaining the self-discipline to take part in group, cooperative activities.

WOMEN’S SELF-DEFENSE

*WEL504ELT 1/3 Credit*

Our Women’s Personal Protection Program is specifically designed to teach young women with little to no experience how



to use their intuition, voice, and body as a formidable trifecta to keep themselves safe. Our straight forward approach to women’s self-defense will encompass multiple aspects of an assault. We teach our participants how to recognize and be aware of potentially unsafe situations, identify potential assailants, and how to de-escalate an issue before it turns violent. Participants will learn effective strategies for mental preparation, physical skills, verbal diffusion, ‘sizing’-up a situation, and much more. This program provides the tools to prevent and/or ‘think’ through an ‘at-risk’ situation. Participants will realize that they do not have to count on someone else to “keep them safe” and will be empowered!

MARTIAL ARTS

WEL502ELT 1/3 Credit

We strive on a daily basis to help bring out the best in our participants. We believe that training in martial arts and martial art related activities can not only help people live healthier, more productive lives but it can also teach us to be respectful, courteous, and helpful to those around us. This course will be focused on personal protection and breaking it down into small easy to understand pieces. We start with verbal boundaries and de-escalation tactics to avoid physical conflict. From there we will work on striking and keeping a distance from an attacker. We will also focus on defending ourselves from a close range ie: being grabbed and then move into fundamentals of keeping ourselves safe if the confrontation should end up on the ground.



INDEPENDENT LEARNING OPPORTUNITIES

INDEPENDENT STUDY

*(prerequisite: approval of the Independent Learning Committee)*

Students may design an independent study program to pursue a topic of particular interest to them. Depending on the scope of the project and schedule availability, students may choose a course of study for one trimester up to one year. This program provides motivated students an opportunity to explore topics not included in the Academy’s standard course offerings. Approval of the Independent Learning Committee, parent, and the support of a faculty sponsor are required. The approval process for independent studies takes place in the spring and fall. Applications for an independent study should provide a project outline and work agreement. Students are expected to complete and present a final project. For further information and/or an application, see your Career and Academic counselor.

*Note: An independent study class is graded on a pass/fail basis; one-third (1/3) credit will be reflected on the student’s transcript for each trimester successfully completed and passed.*

INTERNSHIP

*(prerequisite: approval of the Independent Learning Committee)*

Students looking to get more real world experience in a particular field of study may pursue an internship with a local business. Through internship students can gain more in depth knowledge about a career of interest, explore various opportunities available in the field and obtain hands-on experience. Approval of the Independent Learning Committee, parent, and the support of a faculty sponsor are required. The approval process for internships takes place in the spring and the fall.

*Note: Internships are graded on a pass/fail basis; amount of credit will be determined by the Independent Learning Committee.*

PRE-APPRENTICESHIP

*(prerequisite: approval of the Independent Learning Committee, open to juniors and seniors)*

Students may pursue more formal on the job training through a pre-apprenticeship program. This is a program established by the Maine Department of Labor, and the employer must be registered with the Maine Apprenticeship Program. Pre-apprenticeships are occupational training programs that typically lead to an apprenticeship after high school. Students enter into a formal agreement with the employer and must have a genuine interest in the field and be committed to learning a new skill. The approval process for pre-apprenticeships takes place in spring and fall.

*Note: A Pre-apprenticeship is graded on a pass/fail basis; amount of credit will be determined by the Independent Learning Committee.*



OUTSIDE PROGRAMS

There are many programs, including year-long international and domestic semester programs that offer students alternative educational, cultural, and life experience beyond Lincoln Academy. We believe that the experience of living and learning in a new environment can be life changing for students. Most formal semester programs (Chewonki, the Mountain School, and the Island School are examples) closely align their course offerings with the requirements shared by most American high schools. Students who are interested in outside programs should reach out to the Career & Academic Counseling office for more information about programs, qualifications, and credit transfers.

Permission to participate in programs and/or courses outside of the regular Lincoln Academy curriculum must be granted in advance by the student’s Counselor and the Director of Curriculum and Instruction. Credit will be assigned following successful completion of the course.

SPECIAL EDUCATION

Individualized Education Program (IEP)  
Lincoln Academy provides special education services to students with disabilities who require specially designed instruction. Students suspected of having a disability may be referred by parents, professional school staff, and other individuals with knowledge of the student.

Referral forms are available through the Lincoln Academy Special Education Office. Completed forms will be sent to the Director of Special Services for the sending town. With parents’ written consent, the evaluation is conducted. The results are discussed at an IEP Team meeting to determine whether the student qualifies for special education services. If the student is identified as a child with a disability in need of special education, the Team will develop an IEP for the student.

Section 504

Under Section 504 of the Rehabilitation Act of 1973, students with documented physical or mental impairments may qualify for specific accommodations and related services in order to meet their needs. Section 504 focuses on ensuring a level of access to educational services and the learning process for qualified disabled students that is equal to that given to non-disabled students.

Students eligible for Section 504 accommodation plans must meet three criteria: having (1) a mental or physical impairment, (2) which substantially limits (3) one or more major life activities. Referrals for a 504 Eligibility Determination Meeting can be initiated through the Career and Academic Counseling Office.

EDLAB - ALTERNATIVE EDUCATION

The edLab program provides an alternative for students who have found that the traditional school model is not a good fit. It is a small community of learners and teachers dedicated to academic and personal development through project-based and individualized education. Students are encouraged to utilize personal interests as a motivating force while engaging fully in finding success in an environment with more individualized help and attention. Enrollment in edLab is offered for students in grades 11 and 12. Under special circumstances, grade 10 students may enter the program at the end of their 10th-grade year if space is available.

This program offers full-day edLab schedules as well as hybrid schedules including part edLab classes and part mainstream classes or vocational classes. Admission to the program is only through referral, application, and interview. Student motivation and future plans are significant criteria for admission.



# BATH REGIONAL CAREER AND TECHNICAL CENTER PROGRAMMING

Interested juniors and seniors may access career and technical courses through Lincoln Academy’s relationship with the Bath Regional Career and Technical Center (BRCTC). Students must apply for admission to these programs in the spring of their sophomore or junior year.

Following is a list of the courses available at the Bath Regional Career and Technical Center (BRCTC). Students who attend Bath Tech should be aware that juniors usually attend in the morning and seniors in the afternoon.

Most vocational programs are worth 3 credits, but credit can be deducted for extensive absences. Students in vocational programs must be on time and in attendance every day.

## MARKING SYSTEM

Lincoln Academy and Bath Tech

A	90 – 100%
B	80 – 89%
C	70 - 79%
D	60 - 69%
F	Below 60%
F = no credit/failure	

Bath Regional Career & Technical Center (Bath Tech) offers students from Boothbay Region High School, Lincoln Academy, Morse High School, and Wiscasset Middle High School the opportunity to participate in career and technical programming. The Bath Tech programs provide an opportunity for 11th and 12th grade students to increase academic achievement while learning industry technical skills. Each program at our school is aligned to a national program certification or is using state licensing standards to prepare students for college or entry level careers. Students obtain academic credit through their high school upon successful completion of the Bath Tech programs, with additional opportunities to obtain college credit with aligned institutions.

Students attend Bath Tech half day programs as part of their school day, while taking academic courses at their high school. Bus transportation to and from Bath Tech is provided by each school district. Students interested in enrolling in a Bath Tech program must complete an application, available from the high school counselor office and/or the Bath Tech website. Due to the limited number of openings at Bath Tech, students are encouraged to list a second choice program when completing the application. For more detailed information about our programs, please check our website: <http://www.bathtech/rsu1.org>

# ARTICULATION AND CONCURRENT ENROLLMENTS

As a student at Bath Tech, you will have an opportunity to study and learn at a college level and obtain college credits while still in high school. Bath Tech’s relationship with Maine’s community college system provides opportunities to earn transferable college credits through Concurrent Enrollments. Please refer to course descriptions for specific information.

*Concurrent Enrollment: Concurrent Enrollment is for academically qualified students enrolled in a high school and also enrolled in a college level course at the community college. Upon successful course completion students exclusively earn college credit(s). Many of these credits may be transferable.*

## SUPPORT PROGRAM

Applied Academics: Applied Academics provides Bath Tech students with academic support for their academic classes and their CTE programs as necessary. Students can visit during office hours or set up an appointment to meet with the instructor. In addition, Bath Tech students may be eligible to earn academic credits with the recommendation of his or her guidance counselor and the permission of his or her sending school principal. Finally, the Applied Academics program supports all Bath Tech programs through various initiatives, such as resume writing workshops, and portfolio development.

## HALF DAY PROGRAMS

### AUTOMOTIVE TECHNOLOGY I & II

*VOC301VCY/VOC401VCY 3 credits*

The Automotive Technology department offers foundational knowledge that is essential to a rewarding automotive career. The automotive world is changing at a rapid rate and is becoming very complex. The first year of Auto Technology will introduce students to the basic mechanical workings of the automobile. The program starts with safety and tools and fasteners. The remainder of the first year focuses on basic vehicle maintenance on engines and brakes. Auto Technology II concentrates on electricity from Ohms law to the latest in computer controls. Students will be taught how to diagnose problems with the same complex computer equipment used in the industry today. Please note that there is a good deal of reading and classroom instruction at various times in this program.

*Concurrent Enrollment credits available through CMCC*

### CARPENTRY I & II

*VOC302VCY/VOC402VCY 3 Credits*

Carpentry introduces students to basic residential construction techniques through hands-on application of theories taught

in the classroom and applied in the construction of a modular home. Students will apply geometry and physics as well as learn to present themselves in a positive, professional manner. Functional math and reading skills are required for this course. Second year students will be introduced to cabinet making and fine working skills. At the conclusion of the two-year carpentry program, students will have the skills to enter the field of residential construction and/or continue their education at the Community College level.

*Concurrent enrollment credits available through CMCC*

### COSMETOLOGY I & II

*VOC311VCY/VOC411VCY 3 Credits*

This two-year program allows students interested in the field of Cosmetology to begin their training by earning approximately 700 hours of the 1500 hours required for a Maine Cosmetology license over the two years. These hours will transfer to post-secondary Cosmetology schools and enable students to begin their studies with a substantial portion of the program completed. Beginning with basic theory and advancing to practical skills, students will explore hair sculpting, design, and cutting. Professional ethics are a vital expectation of the program.

### CRIMINAL JUSTICE I & II

*VOC312VCY/VOC412VCY 3 Credits*

This program covers a wide range of standards from the Maine Criminal Justice Academy including Maine criminal law, traffic law, criminal investigations, report writing, defensive tactics, use of force options, ethics, legal subjects and human relations. Students will experience practical scenarios that law enforcement officers face with an additional component of crime scene investigations and introduction to forensics. All students will be expected to take part in physical fitness exercises with a goal to meet the entrance standards of the Maine Criminal Justice Academy.

Students in this program are expected to display high standards of ethical and moral behavior, in and out of the classroom, that reflect professionalism, respect, commitment, dedication, pride, self-discipline and teamwork. Completion of this two-year program will guide students through career options available in the field and to prepare them for further training or education in the criminal justice/law enforcement field.

*Articulation and Concurrent Enrollment available through SMCC*

### GRAPHIC DESIGN I & II

*VOC307VCY/VOC407VCY3 Credits*

This two-year college prep program prepares students to design and produce a variety of print and digital publications such as logo designs, advertising, t-shirt design, animation, and web design.



Graphic Design offers an introduction to digital imaging, photography, photo manipulation, and computer based art using Adobe Photoshop, Illustrator, and InDesign as student’s explore different avenues of visual communication, self expression, and creative problem solving. Students will learn the fundamentals of design, typography, color theory, and critical skills as they experience career opportunities available to them through live work. While enrolled in the two year program, students will work toward earning two Adobe certifications. These certifications are industry-recognized credentials that effectively validate one’s skills in Adobe digital-media software.

*Articulation and Concurrent Enrollment available through SMCC*

### CULINARY ARTS I & II

*VOC303VCY/VOC403VCY 3 Credits*

This is a fast paced, academically challenging, college and career prep program designed to develop student success in the industry or matriculate into a culinary school after high school. The American Culinary Federation standards will be taught along with ServSafe, a nationally recognized certification. Students learn technical and employability skills for a meaningful career and successful life management.

Culinary II provides students the opportunity to improve and deepen their knowledge and skills as they receive advanced instruction in Culinary Arts. Culinary II will incorporate reading and writing culinary related assignments as part of the coursework.

*Articulation agreement through Culinary Institutes of America and Johnson & Wales University, and New England Culinary Institute. Concurrent Enrollment available through SMCC*





## EARLY CHILDHOOD EDUCATION I & II

*VOC304VCY/VOC404VCY 3 Credits*

The program is an exploration of early childhood careers from infant care through early elementary education and allows students to prepare for entry level positions upon graduation and/or prepare for further education as a classroom teacher or in a related field. The program provides a hands-on lab experience through the on-site preschool and other community placements that vary from schools to daycare programs. The program covers the full spectrum of early childhood education while students study educational theory, brain development, and how the role of teacher and environment influence learning. All students construct a professional portfolio based on the preparation standards of the National Association for the Education of Young Children (NAEYC). Students who successfully complete two-years in the program will have the opportunity to apply to be a Certified Early Childhood Assistant (CECA) in the State of Maine and receive instruction for infant/child CPR certification.

*Articulation and Concurrent Enrollment available through SMCC*

## ELECTRICITY I & II

*VOC305VCY/VOC405VCY 3 Credits*

This two-year program provides the student with a foundation in both residential and commercial wiring. Students will learn basic electrical theory, how to install wiring systems in residential and commercial applications using blueprints and the National Electrical Code. Safety is a major focus of instruction and students will learn basic wiring techniques and how to use the tools necessary to install the different systems. Real life application of electrical theory will be a daily component of

the electrical program with hands-on projects available for students to gain valuable experience. The class will wire the modular home constructed by the Carpentry program as well as participate in projects in the classroom and around the school. Students will also participate in live work in the community, experiencing real-life electrical work on the job. Upon completion of two years in the program each student will receive a certificate stating that they have completed 576 hours of classroom time in Electrical Technology.

*Enhanced articulation with Maine Community College System*

## ENGINEERING & ARCHITECTURAL DESIGN

*VOC306VCY 3 Credits*

The objective of this course is to provide students with the background needed to excel in a 2 or 4 year engineering or architecture program. This college concurrent enrollment course is an introductory class exploring structural engineering and architecture through the use of physical modeling, 3D solid modeling/3D printing, and digital building information modeling. Students will learn design programs such as Autocad, Sketchup, Revit, and Rhino and utilize equipment to support modeling such as 3D printers, laser cutter, and various power/hand tools to support prototype construction.

*Concurrent Enrollment available through SMCC*

## HEALTH SCIENCE CAREERS

### CERTIFIED NURSES ASSISTANT (CNA) (1 year program)

*VOC308VCY*

*3 Credits*

Students must be 16 years old at the start of the school year. The CNA course is a one-year program available to juniors and seniors interested in a career in health sciences. Students receive 350 hours of academic preparation including classroom material and supporting lab practice. Instruction in all human body systems is designed for understanding each system and its relationship to the healthy or diseased body. Students will participate in a supervised clinical experience in local health care and extended living facilities. Students are required to apply classroom lessons in completing actual patient assignments. Students are co-assigned with professional staff providing valuable assistance while they learn. The program also provides training and/or observation in hospital departments specific to each student's interest. Students will earn CPR and First Aid Certification. All students will complete a concurrent enrollment with the Maine Community College system in Health Science. Successful students will be well prepared to take the State of Maine Certified Nursing Assistant exam in June. Graduates are readily employable at various healthcare facilities and are well prepared for further health sciences career training.

*Students must be 16 years of age at the start of the school year. Concurrent Enrollment available through SMCC*

### MEDICAL SCIENCE (1 year program)

*VOC309VCY 3 Credits*

The Medical Science course is designed for students who are interested in pursuing a career in the medical field--doctor, nurse, physical therapist, occupational therapist, radiology/imaging, veterinarian, dietician, and others. The course integrates basic medical information, anatomy and physiology, medical terminology, integrated research projects, field trips to medical facilities, and skills labs. All students will complete a concurrent enrollment with the Maine Community College system for Medical Terminology and Anatomy & Physiology

*Articulation and Concurrent Enrollment available through SMCC*

### WELDING I & II

*VOC310VCY/VOC410VCY 3 Credits*

Welding I introduces students to basic welding fabrication skills through hands on application in the shop. First year students will learn to correctly and safely set up and operate various power tools as well as cutting and welding equipment. The students will develop skills in the following topic areas.

- Welding Shop Safety
- Metallurgy
- Layout & Measurement Tools and Techniques
- Welding Symbols and Blueprint reading
- Welding Joints and Positions
- (SMAW) Shielded Metal Arc Welding (Stick)
- (GMAW) Gas Metal Arc Welding (Mig)
- Fabricate Various Projects

Students will apply basic math and science skills during this course and learn to demonstrate positive and productive workplace behavior.

Second year welding students will continue to develop and apply the skills they have learned. Live work projects will be designed and built for customers using various welding and fabrication procedures. Advanced welding techniques will be taught and applied during this program including.

- (FCAW) Flux Core Arc Welding
- (GTAW) Gas Tungsten Arc Welding (TIG)
- (OFC) Oxygen Fuel Cutting
- (PAC) Plasma Arc Cutting

By completing this two-year program, all students will be given the opportunity to develop the skills required to pass the American Welding Society (AWS) Limited Thickness, Structural Plate Test. This certification test will be provided at no cost to the students participating. As a Certified Welder, many career and PostSecondary Education opportunities are available. These opportunities are discussed and encouraged through participation in this class.

*Concurrent Enrollment available through EMCC*

## LIBRARY & INFORMATION SERVICES

The library is an essential part of the learning community at LA. It provides students, faculty, staff, administration, and the surrounding educational community access to an information-rich world and works with them to develop strategies to use information effectively. 9th graders take part in a library orientation and students in all grades visit the library both formally with classes and informally on their own. The library program supports students throughout their four years at LA in developing research skills to become independent, self-directed users of information.

The library offers more than 14,000 print books and materials, as well as audio and ebook resources and an extensive collection of databases virtually via our website. The library also loans out laptops and hotspots to students and faculty who need access to those devices. The library makes extensive use of technology and works closely with Technology Services to provide the school community with access to the most current information via the library website.

Currently, the library is open from 7:30 to 3:00 Monday through Friday. Students may come to the library before school, after school and during study hall with a pass from the study hall teacher. Students come to the library to browse for books, read, do research, work on homework, and to use the library computers, printers or photocopier.

The library also offers an array of programs to help promote a culture of reading at LA; the student-led Library Team is an integral part of the planning and implementation of programming and collection development. The Library Team meets weekly during FLB and occasionally at other times to assist with special projects and programs such as Books & Breakfast (a book discussion group that meets several times during the school year to discuss books in a casual and supportive environment), movie, game and trivia events and the Lincoln Academy Little Free Library project.



ACTIVITIES & CLUBS

*Available to all students during Focused Learning Block and after school.*

Alpha Sigma Gamma, Sigma Sigma Chi, Interact Club (Service Clubs)  
Band and Jazz Ensembles  
Big Brothers/Big Sisters  
Chess and Board Games Club  
Civil Rights Team  
Climate Action Club  
Coding Club  
Debate Team  
First Responders Club  
Freshmen Mentors  
Gay Straight Transgender Alliance (GSTA)  
International Club  
LA Ambassadors Club  
Library Team  
Math Team  
Model United Nations  
National Art Honor Society  
National Honor Society  
Newspaper; The Talon  
Olympia Snowe Women’s Leadership  
Outing Club  
Peer Tutors  
Photography Club  
eSports  
Robotics  
Theater Productions, One-Act Play Festival  
Science Club  
Sources of Strength  
Student Council  
Ultimate Frisbee  
Volleyball Club  
Y Teen Leaders  
Special Olympics/Team UNIFY

*Plus other rotating Focused Learnig Block options every trimester.*



SPORTS OFFERINGS

Lincoln Academy offers an extensive athletic program. We are a member of the Kennebec Valley Athletic Conference (KVAC) which offers good competition with area schools. We encourage all students to take part in the programs, and are proud of the fact that we offer a “non-cut” sport during each season so that anyone interested in joining an athletic team will be able to participate all year long.

*\*Starred sports are the ones in which there are no cuts.*

FALL  
Golf: Boys and Girls  
Soccer: Boys J.V. and Varsity  
Soccer: Girls J.V. and Varsity  
Field Hockey: Girls Varsity  
Cross Country\*: Girls and Boys

*Practices for many teams start in the summer, two weeks before school begins. Practices for all teams follow the regular school day with games, matches, and meets held generally on school days with starting times of 3:30. The fall season runs from the middle of August through October.*

WINTER  
Basketball Girls J.V. and Varsity  
Basketball: Boys Freshmen, J.V., and Varsity  
Wrestling\*: Girls and Boys  
Cheering: Girls Varsity  
Swimming: Girls and Boys Varsity  
Indoor Track\*: Girls and Boys Varsity  
Unified Basketball

*Practice for all teams begin in November, with the season running through February vacation. Practice times in the gymnasium vary day to day, rotating with other sports. Games are on school days, vacations, with some Saturday games. Wrestling meets are usually held on Wednesdays and Saturdays.*

SPRING  
Baseball: Boys J.V. and Varsity  
Softball: Girls J.V. and Varsity  
Track & Field\*: Girls and Boys  
Tennis: Boys and Girls  
Lacrosse: Boys J.V. and Varsity  
Lacrosse: Girls Varsity  
Special Olympics: Bowling, Girls and Boys  
Special Olympics: Bocce, Girls and Boys

*Practice for all sports begin in March and end by the first part of June. Games are mostly on weekdays, some vacations, with some Saturday games.*





