Lincoln Academy

Course Guide

2026-27

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2026-27 Course Guide photographs by Jenny Mayher

BRCTC photos by Clover Dixon ‘25 & Leah Gemeinhart ‘25

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 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
Head of School
burroughs@lincolnacademy.org

Kelley Duffy
Director of Curriculum & Instruction
duffy@lincolnacademy.org

Maya Crosby
Director of Applied Learning
crosby@lincolnacademy.org

Jacob Abbott
Dean of Students & Residential Life
jabbott@lincolnacademy.org

Katy Nicketakis
Director of Admissions
nicketakis@lincolnacademy.org

Hilary Petersen
Associate Director of Admissions
petersen@lincolnacademy.org

CAREER & ACADEMIC COUNSELING

207-563-3596 ext. 1111 or 2128

Annie Edwards
Director of Career & Academic Counseling
edwards@lincolnacademy.org
ext. 2127

Kristie Houghton
School Counselor
houghton@lincolnacademy.org
ext. 2126

Jen Anastasio
School Counselor
janastasio@lincolnacademy.org
ext. 2129

Alexa Abbott
Registrar
abbotta@lincolnacademy.org
ext. 2128

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 boarding 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.

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 for each school year 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 2026-2027 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.

Each student is assigned a specific counselor. These assignments are noted in PowerSchool and can be checked by contacting the Career and Academic Counseling office.

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:

MINIMUM TOTAL CREDITS: TWENTY-THREE (23)

SUBJECT SPECIFIC REQUIREMENTS:

- English: Four (4) credits.
- Social Studies: three (3) credits 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.
- Design, Engineering and Technology: One-third (⅓) credit.
- Wellness: One (1) credit.
- -2 trimesters of Wellness
- -1 trimester of Fitness & Weight Training
- LEAP Senior Capstone: Two-thirds (⅔) credit (12th)

GRAD REQUIREMENTS FOR INTERNATIONAL STUDENTS

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

To graduate from Lincoln Academy, all international students must have academic proficiency in English and take English IV or AP English IV. See 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 meets with students to plan for and investigate educational and career opportunities. LA offers students significant preparation for the future, and School Counselors encourage students to leave every possible door open by consistently taking the most challenging program in which they can be successful. Balance is key to academic and personal success. The CAC Office is here to help in this time for reflection, self-discovery, and decision making.

COURSE LEVELS

Courses at Lincoln Academy offer 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 looking for a competitive college experience are encouraged to take Honors and AP classes, especially if they are interested in highly selective colleges. Students who need more structure or a smaller classroom setting may take "practical or functional" courses. Each student will build their own path through Lincoln Academy and may select courses from all levels simultaneously based on academic strengths and interests.

HONORS COURSES

Incoming freshmen complete an application to participate in honors classes. Students may apply for as many honors courses as they wish, although each course may have different application requirements. Applications are accessed through the Career and Academic Counseling Office. Currently enrolled students should consult with the department head and their CAC counselor 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 2027 AP Exams is $99 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, the first two weeks of the school year are an Add/Drop period where students may make changes to their schedule. After that time, changes will only be made if the student is academically misplaced 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 scheduling conflicts 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 other technology policies. Students will need to provide their own laptop or Chromebook for their academic work at Lincoln Academy.

Academic Planning

REQUIRED COURSES FOR COLLEGE ADMISSION

COURSE	4-YEAR SELECTIVE SCHOOLS	4-YEAR LESS SELECTIVE COLLEGES/UNIVERSITIES	1-2 YEAR COMMUNITY/ TECHNICAL COLLEGES
English	4	4	4
Mathematics	3-4 Pre-Cal or higher	3-4 Algebra II or higher	1-1 Algebra I, Geometry
Laboratory Science	3 – 4 Biology, Chemistry, Physics	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 their 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: Juniors and seniors taking an AP course are required to take the AP 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 figurative 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. Students are expected to read novels of their choosing in class each day.

Representative reading list for English I students: Creative non-fiction ranging from Tan to Alexie to Sedaris; Short stories, ranging from Walker to Cisneros to O'Flaherty. Of Mice and Men, Romeo and Juliet, 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 analytical, informative, comparative, argumentative, 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 Madeline Miller's Circe. Contemporary non-fiction texts, such as Phuc Tran's Sigh, Gone, Amy Bass' One Goal, and A. Nor Iftin's Call Me American.

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 explicit instruction, and continues the study of Shakespeare, his life, time, and works.

Representative reading list for English II students: Oedipus, Othello, Persepolis, The House on Mango Street.

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: appropriate and effective use of databases and internet resources, content analysis, thesis formation, citation, peer editing and collaboration, all of which are synthesized into a formal paper. Time is spent furthering comprehensive reading skills and further development of literary and rhetorical analysis skills. The course blends in grammar, usage, and mechanics into the teaching of writing across the curriculum. Summer reading is required and students will receive their assignment and text list in early June.

Representative reading list for Honors English II: The Awakening, Fahrenheit 451, a Shakespearean play, a variety of poetry and short stories.

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 writers's and readers'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 involve 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 are non-fiction 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, Adventures in English Literature, Canterbury Tales, Beowulf, The Things They Carried, Braiding Sweetgrass, and 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, Things Fall Apart, Tess of the D'Urbervilles, King Lear, Metamorphosis, Antigone, Their Eyes Were Watching God, A Doll's House, Sound and Sense, contemporary short fiction from the Atlantic Monthly.

CREATIVE WRITING I: CREATIVE NONFICTION (TRI 1)

ENG505ELT 1/3 Credit (seniors: for English with department approval; underclassmen for elective credit only)

In this trimester course, students will hone their storytelling abilities through their choice of varied nonfiction forms, including memoir, personal essay, and narrative nonfiction, which can be expressed through cookbooks, how-to articles, journalism, and many more. They will be encouraged to refine at least two different nonfiction forms as pathways to creatively documenting true stories from their lives for summative credit. Class time will involve collaborative brainstorming, group and pairs discussions, and reading, as well as focused individual writing and reflection time, with the goal of supporting a long-term writing practice. Students will be encouraged to submit their work to literary journals and contests, as well as print them and share with friends, family, and teachers.

CREATIVE WRITING II: SHORT STORY (TRI 2)

ENG502ELT 1/3 Credit (seniors: for English with department approval; underclassmen for elective credit only)

In this trimester course, we will explore the short story, studying examples that experiment with genre and length and include authors such as N.K. Jemison and Rick Bass, as well as authors of flash and micro fiction such as George Saunders. Students will draft, revise, and refine two stories, the second of which will serve as their final. Class time will involve collaborative brainstorming, group and pairs discussions, and reading, as well as focused individual writing and reflection time, with the goal of supporting a long-term writing practice. Students will be encouraged to submit their work to literary journals and contests, as well as print them and share with friends, family, and teachers.

CREATIVE WRITING III: POETRY & PLAYWRITING (TRI 3)

ENG504ELT 1/3 Credit (seniors: for English with department approval; underclassmen for elective credit only)

In this trimester course, students will explore the intersection of poetry and theater while developing skills in writing both genres. We will first study the poetic forms of haiku, sonnet, prose, and dramatic. From dramatic poetry (monologues), we will transition into playwriting, studying plays in verse by Edna St. Vincent Millay, as well as works by Annie Baker, Anton Chekov, Caryl Churchill, and Sarah Ruhl. Students will refine a collection of five poems and a single one-act play for summative credit. Class time will involve collaborative brainstorming, group and pairs discussions, and reading, as well as focused individual writing and reflection time, with the goal of supporting a long-term writing practice. Students will be encouraged to submit their work to literary journals, play festivals, and contests, as well as print them and share with friends, family, and teachers.

YA CONTEMPORARY LIT (TRI 3)

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

WRITING CENTER (TRI 3)

ENG508ELT 1/3 credit Prerequisite: English I, teacher recommendation

Writing Center is a training course to help students become confident writing coaches for their peers. Students will reflect on the purpose and process of writing, practice conferencing with peers, and help develop the culture of writing at Lincoln Academy. Students will be expected to work as volunteer writing coaches for their peers during the school day at least one day a week and help establish a schedule to keep the Writing Center staffed. Much of this work will take place in class, but things students do not finish in the time allotted will become homework. Students will reflect on argumentative, persuasive, informative, and narrative texts; develop writing skills through planning, revising, editing, rewriting, and conferencing; develop a philosophy of coaching, and establish and apply best practices of writing conferences.

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 for a failed course.

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.

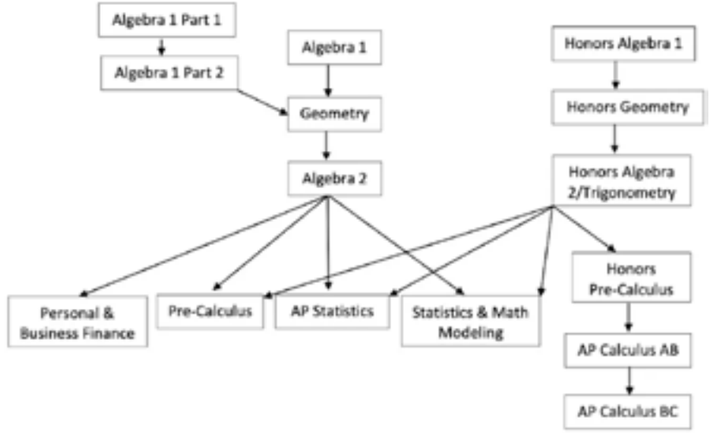
Three credits in mathematics are required for graduation. College-bound students should complete 4 credits in math including Algebra I, Geometry, Algebra II, and Precalculus or Statistics. Since math plays an integral role in modern life, the Math Department encourages every student to study mathematics each year. The diagram to the right shows the progressions through math courses at Lincoln Academy.

Honors & 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 and commitment, and offer a greater 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 should maintain a grade of B or better to be prepared for the next honors course.

Math Course Progression:



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 simplifying radicals.

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. A TI-30X IIS is recommended.

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 covers the essential topics of Euclidean Geometry. Students will explore the foundational concepts of points, lines, and angles and discover the properties of triangles, quadrilaterals, and polygons. In solving problems, students will be presented with diagrams and figures, and must apply the necessary algebraic skills and use appropriate notation. Students must apply the correct theorems and formulas to solve for any unknown measurements. The course includes an introduction to right triangle trigonometry, similar figures, circles, volume and surface area.

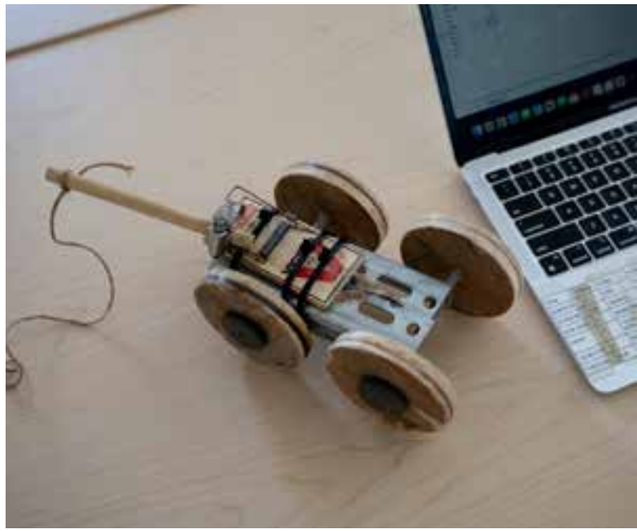
A ruler, protractor, and scientific calculator are required for this course. A TI-30X IIS is recommended.

HONORS GEOMETRY

MAT201HNY 1 Credit (prerequisite: Honors Algebra I or its equivalent, or permission from the department head)

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.

A scientific calculator is required for this course.



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, and complex numbers.

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

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.

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 (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 eventually 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. This course does not provide the necessary prerequisites for success in AP Calculus AB at Lincoln Academy.

A TI 84 PLUS calculator is strongly recommended 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. This course prepares students for success in AP Calculus AB at Lincoln Academy. The topics covered include advanced trigonometry, complex numbers, 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, and probability. 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 are interested in data science. Statistics is used widely in areas that include psychology, branches of science, economics, and much of the research that is done in graduate school. Topics include representing data visually, experimental design, random sampling, probability, confidence intervals and hypothesis testing. 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, derivatives, 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 build on and review the Calculus AB curriculum, but is primarily focused on 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. Please Note: Competitive colleges generally look for three to four years of a lab science.

EARTH AND SPACE SCIENCE

PSC102CPY 1 Credit

The Earth & Space Science course is designed to give students a solid foundation for more advanced coursework at Lincoln Academy. Students will build their scientific thought processes while focusing on topics including geology, astronomy, weather, and climate. Students will learn the safe and proper use of basic laboratory equipment. The course provides students with practice in data collection, analysis, and presentation.

Year	Honors/AP Courses	General/College Prep Courses
9th	Honors Bio (LS)	Earth & Space 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) Project-based courses (PS) Anatomy & Physiology (LS) Geology/Astronomy/ Climate (PS) Oceanography (LS)

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.

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 include ecology, biochemistry, cell biology, genetics, evolution, and microbiology. Students work with microscopes, perform experiments, analyze data, and do research projects. This course also involves an independent, long-term science project.

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

PSC201HNY 1 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.

PROJECT BASED MECHANICS (TRIMESTER 1)

PSC303CPT 1/3 Credit (Prerequisites: Sophomores/Junior/Senior, Algebra 1, Intro to DET)

In this trimester course students will explore mechanics through building and testing their own designs. Students will discover how the concepts of forces, energy and momentum impact how everything from football helmets to skyscrapers are designed. Projects will include model bridge building and mouse trap car design and build.

PROJECT BASED ELECTRICITY & MAGNETISM (TRIMESTER 2)

PSC305CPT 1/3 Credit (Prerequisites: Sophomores/Junior/Senior, Algebra 1, Intro to DET)

In this trimester course students will explore simple circuits and conservation of energy and matter. Students will investigate how electricity and magnets work and design and build electric circuits to accomplish different tasks. Students will build electrical circuits for a model house and build a speaker.

PROJECT BASED ENERGY (TRIMESTER 3)

PSC304CPT 1/3 Credit (Prerequisites: Sophomores/Junior/Senior, Algebra 1, Intro to DET)

In this trimester course students will explore how light and lenses shape our understanding of the world. Students will investigate sound and light waves using hands-on projects to test and refine ideas of how energy works in the real world. Students will also explore how to design and build musical instruments and simple cameras.

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 and conservation laws 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 1

PSC403APY Credit (prerequisite: Geometry AND Algebra II)

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion.

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.

ASTRONOMY (TRIMESTER 1)

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 (TRIMESTER 2)

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 (TRIMESTER 3)

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.

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: Chem/Honors Chem, 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.

AQUACULTURE AND AQUAPONICS

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

In Agriculture and Aquaponics, students will explore the many ways to grow plants for food and function in water and soil. Agriculture/Aquaponics and the production of food products is a unique and growing industry in our backyard. Students will explore different types of aquaculture like kelp and oyster production and work on projects such as a small-scale aquaponic system and microgreen production in the greenhouse. Students will also learn more about local 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: Bio/Honors Bio,Chem/Honors Chem)

AP Biology is a fast-paced science course that includes an in-depth exploration of core biology topics: chemistry of life, cell

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

LSC404APY 1 Credit (prerequisite: Juniors & Seniors with credit in bio and chem)

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.

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 & Politics
- Seniors: Choice of electives: AP European History, Psychology, World Studies, Intro. to Economics & Government, AP Macroeconomics 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.

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

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 II trimesters will be offered in the 2026-2027 school year and World Studies I trimesters will be offered in 2027-2028.

WORLD STUDIES I: THE MIDDLE EAST (TRIMESTER 1)

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.

WORLD STUDIES I: AFRICA (TRIMESTER 2)

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

This 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 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.

WORLD STUDIES I: ASIA (TRIMESTER 3)

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 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.

WORLD STUDIES II: LATIN AMERICA (TRIMESTER 1)

SOS204ELT 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.

WORLD STUDIES II: NORTH AMERICA (TRIMESTER 2)

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 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.

WORLD STUDIES II: WORLD RELIGIONS (TRIMESTER 3)

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.

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.

ADVANCED PLACEMENT UNITED STATES HISTORY

USH301APY 1 Credit (Juniors) (prerequisite: 85 or above in most recent Social Studies Course 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.

Texts: 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.

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

PSYCHOLOGY

SOS401CPY 1 Credit (Seniors Only)

Ever wonder why people are the way they are? Psychology provides a broad overview of the scientific study of the human mind and behavior. In this interactive class we will cover key theories, research methods, and major topics like the biological basis of human behavior, human development, social behavior, and psychological disorders. Course work includes hands-on activities, films, experimental research, projects, discussion, and collaboration. Students 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.

WORLD LANGUAGES DEPARTMENT

World languages are open to all students and offer a four year pathway in either French or Spanish. Some years the department is able to offer an enrichment course in a one year study of Japanese or another language. Students are encouraged to speak and write in the target language as much as possible and work on honing their reading and listening skills. Teachers increase the use of the target language to communicate in the classroom throughout the four year progression.

World languages offer honors and regular level courses. No prior knowledge of either language is assumed for Honors 1 courses. Honors courses are designed for motivated students who are eager to begin their World Language studies in an engaging and high-achieving environment. While the curriculum assumes no previous experience with the language, it provides an enriched pace for those who are excited to develop their communication skills. This placement serves as the ideal foundation for students looking to excel in their studies and eventually pursue upper-level language honors or AP courses.

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. There are no prerequisites and the course is open to students in all grade levels.

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. In the Honors level, National ACTFL proficiency exams are administered in Trimester 3. There are no prerequisites and the course is open to students in all grade levels.

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. This course is in preparation for the French III course.

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. In the Honors level, National ACTFL proficiency exams are administered in Trimester 3. This course is in preparation for the Honors French III course.

HONORS FRENCH III

FRN301HNY 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 and composition writing help to build these language skills. In the Honors level, National ACTFL proficiency exams are administered in Trimester 3. This course is in preparation for the AP French IV course.

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 ACTFL proficiency exams are administered in Trimester 3.

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 art, film, and music. The Spanish I syllabus introduces the learner to topics such as school and home life in the present tense. There are no prerequisites and the course is open to students in all grade levels.

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 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 using authentic resources such as art, film, and music. The Honors Spanish I syllabus introduces the learner to topics such as school and home life in the present tense. There are no prerequisites and the course is open to students in all grade levels. In the Honors level, National ACTFL proficiency exams for listening and reading are administered in Trimester 3.

SPANISH II

SPN201CPY 1 Credit (prerequisite: Spanish I)

This course continues to develop the basic 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 present progressive, future, and the preterite tenses. The students will produce written projects and spoken presentations around their activities, travel, fashion, 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. 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 present progressive, future, and the preterite tenses. Pronouns, including direct, indirect and reflexive are learned and practiced extensively. The students will produce written projects and spoken presentations around activities, travel, fashion, 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. In the Honors level, National ACTFL proficiency exams are administered in Trimester 3. This course is preparation for Honors Spanish III.

SPANISH III

SPN301CPY 1 Credit (prerequisite: Spanish II)

This course continues to review verb structures in the present and past tenses and introduces the subjunctive mood. 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 topics such as food, health and wellness, technology, transportation and housing. 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 grammatical structures, with introduction to the subjunctive mood. Students will write and converse on practical everyday topics such as food, health and wellness, technology, transportation and housing. Students will interact as much as possible in the target language. In the Honors level, National ACTFL proficiency exams are administered in Trimester 3. This course is preparation for Honors Spanish IV or Spanish IV AP Language and Culture (with teacher permission).

SPANISH IV

SPN401CPY 1 Credit (prerequisite: Spanish III)

This course will continue the study of advanced grammar, including the present, past and subjunctive tenses. The students will continue focusing on advancing their speaking, listening, reading and writing skills. They will produce written projects and spoken presentations around nature, city life, and health and wellbeing. This course uses a variety of resources such as cultural readings, movies, art, music and listening exercises in the target language to increase language proficiency.

World Languages Department

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 build on their previous knowledge to interpret and converse on authentic print, video, and music materials. Students will be expected to communicate as much as possible in Spanish with classmates and the teacher. In the Honors level, National ACTFL proficiency exams are administered in Trimester 3.

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. Spanish will be expected as the main form of communication between the teacher and the students. The essentials of Spanish grammar are reviewed and expanded upon. Students are required to take the Advanced Placement Language exam.

JAPANESE I

JPN101CPY (prerequisite: 2 or more years of either French or Spanish)

This is a year-long, introductory course in Japanese focusing on the foundations of Japanese language and culture. Students will be introduced to the writing systems of hiragana, katakana and kanji. Students will develop their speaking, reading, writing and listening skills using the "Genki" textbook materials and other authentic sources. Grammar concepts/ themes include greetings, numbers, giving the time/ date, common verbs in the present/ past/ future tenses, common nouns, "i" vs. "na" adjectives, and prepositions. Cultural topics such as history, modern & popular culture, folklore, politeness, and geography & regional culture will also be explored. This is considered an enrichment course as Japanese II will not be offered the following year.

DESIGN, ENGINEERING & TECHNOLOGY DEPARTMENT

Students taking courses in Lincoln Academy's Design, Engineering, and Technology department engage in applied learning - learning how to apply concepts to real-world problems and projects.

Learning takes place in the Cable-Burns Applied Technology and Engineering Center, a modular and flexible space that features wood, metal and mechanical shops, a computer science and graphic design classroom, a digital fabrication lab, and a multi-use classroom used for robotics and other classes. The areas of focus in DET are: design and the design process, computer science and data literacy, and industry and fabrication. Our classes challenge students to develop design thinking, problem solving, collaboration, communication, and innovation skills.

Skills developed in DET classes can be applied to opportunities in the trades, arts and crafts, computer science certificate programs, two and four year colleges, engineering programs and beyond. Students will start with introductory classes and then move into further areas of exploration and higher levels of independence. Some students elect to focus on a specific skill set after taking courses in DET and attend BRCTC, and others opt to try a Community-Based Learning Experience (CBLE) and learn more about a profession, complete an independent study or become a student assistant. There are many pathways for students to follow!

One-third (1/3) of a credit in Design, Engineering and Technology (DET) is required for graduation. Any course in DET may be used to fulfill this requirement, but some courses do have prerequisites. Please see the diagram below for more guidance on possible courses.

Trimester

INTRODUCTION TO DESIGN, ENGINEERING AND TECHNOLOGY (DET)

DET101GET 1/3 Credit

This course provides a foundation in design and technology and prepares students for further exploration in the DET department. Grounded in design thinking, students engage in hands-on group design challenges, learn the design process, technical drawing, measurement, shop safety, and how to use basic hand tools and technology. Students then apply these skills to design and build an independent project in the wood shop.

Students may further develop these core skills in more specialized project based courses such as Jewelry and Metalsmithing, and in the Level 1 and Advanced Wood/Metal/Mechanical Technology courses.

WOOD TECHNOLOGY I

DET512GET 1/3 Credit (prerequisite: Intro to DET & permission of instructor).

This course introduces students to the principles of using wood as a medium. Students will be trained on and use a variety of hand tools and specialized machinery in the wood shop including the compound miter saw, table saw, band saws, planer and jointer. The focus in this course is on learning the foundational skills and principles of working with wood. Understanding the material, designing, proper planning and finishing techniques, and shop safety are part of the curriculum. Students will practice their problem solving and work towards independently designed projects.

ADVANCED WOOD TECHNOLOGY

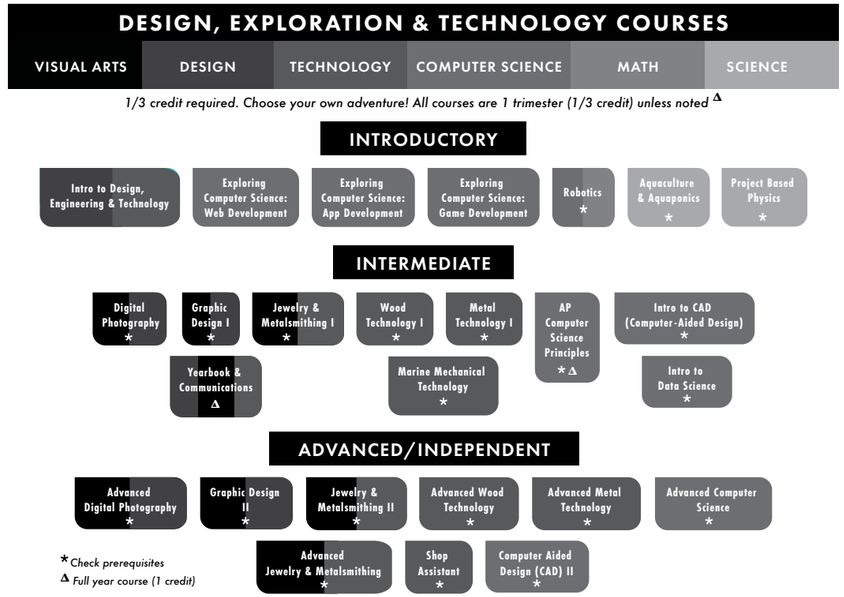
DET516GET 1/3 Credit (prerequisite: Intro to DET, Wood Technology I & permission of instructor).

Students will continue exploring wood technology at a more advanced level. Areas of focus will build off the foundational skills learned in Wood Technology I, and expand their tool box to more advanced woodworking technology such as the CNC machine and laser cutter. Students will have increased independence in project design, and will be able to participate in the annual student exhibition. With more experience students will be able to help maintain and improve the wood shop space and equipment as well as have opportunities to work with community partners to design and build to projects to client specifications.The advanced course may have a theme such as furniture design, woodturning or boatbuilding, and may involve visiting instructors.

METAL TECHNOLOGY I

DET513GET 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 arc welding. Techniques include cold cutting, grinding, forging, plasma cutting and arc welding. The focus in this course is on learning the skills and principles of working with metal, as well as design skills that are important to all crafts. Students will work towards independently designed projects and can lean either on the practical or artistic sides of form.



ADVANCED METAL TECHNOLOGY

DET514GET 1/3 Credit (prerequisite: Intro to DET, Metal Technology I & permission of instructor).

In this course students will continue exploring metal technology at an advanced level. Areas of focus will build on the techniques introduced in Metal Technology 1, with more independence in project design and participation in the annual student exhibition. Students will help maintain the metal shop equipment and space and have opportunities to fabricate projects to improve the shop and facilities. These students can provide leadership on community based projects and gain experience building projects to specification for local clients. The advanced course may have a theme such as blacksmithing/forging, casting, TIG and Aluminum welding and may involve visiting instructors.

MARINE MECHANICAL TECHNOLOGY

DET515GET 1/3 Credit (prerequisite: Intro to DET & permission of instructor).

Students will learn the basics of Marine Mechanical Technology in this class, using the American Boat and Yacht Council curriculum on the fundamentals of marine service technology. Topics include internal combustion engine theory, marine electrical systems, outboard engine maintenance and working with marine materials such as wood, metal, and composites. Advanced topics may include inboard and outboard engine systems, diesel engine maintenance, and marine plumbing systems.

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 the VA or DET departments.

GRAPHIC DESIGN I

VSA502GET 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 the VA or DET departments.

GRAPHIC DESIGN II

VSA503GET 1/3 Credit (prerequisite: Graphic Design I and permission of the instructor)

Students will continue developing graphic design skills such as layouts using Adobe InDesign, advanced image editing lessons in Adobe Photoshop, and advanced 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 the VA or DET departments.

ADVANCED GRAPHIC DESIGN

VSA401GET 1/3 Credit (prerequisite: Graphic Design II and permission of the instructor)

Students will continue exploring graphic design at an advanced level. Areas of focus may be similar to GD II, with more independence in project design and focus. Students will help newer graphic design students and have more opportunities for leadership in the class.

Students may take all Graphic Design classes in one year or spread throughout their time at Lincoln Academy. After GD I & II, students who wish to continue may take Advanced Graphic Design more than once for credit with permission of the instructor.

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

JEWELRY & METALSMITHING I

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

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

Students may take all Jewelry & Metalsmithing classes in one year or spread throughout their time at Lincoln Academy. After J&M I & II, students who wish to continue may take Advanced Jewelry & Metalsmithing more than once for credit with permission of the instructor.

This course may count for the graduation requirement in the VA (as long as a student has taken Art Fundamentals) or DET departments.

JEWELRY & METALSMITHING II

DET513ELT 1/3 Credit (prerequisite - Jewelry & Metalsmithing I and permission of the instructor)

Students will continue exploring jewelry and metalsmithing, learning more techniques and working toward independently motivated projects. Areas of focus may include advanced soldering, advanced construction and fabrication, bezel setting, enameling, etching, stone-setting, cold connections, chain making, wax carving, simple casting, forging, die-forming, production techniques, chasing & repoussé, and more. Students will learn how to help maintain the jewelry studio and have opportunities for leadership in the class.

Students may take all Jewelry & Metalsmithing classes in one year or spread throughout their time at Lincoln Academy. After J&M I & II, students who wish to continue may take Advanced Jewelry & Metalsmithing more than once for credit with permission of the instructor.

This course may count for the graduation requirement in the VA (as long as a student has taken Art Fundamentals) or DET departments.

ADVANCED JEWELRY & METALSMITHING

DET519ELT 1/3 Credit (prerequisite - Jewelry & Metalsmithing II and permission of the instructor)

Students will continue exploring jewelry and metalsmithing at an advanced level. Areas of focus may be similar to JAM II, with more independence in project design and participation in the annual student art exhibition. Students will help maintain the jewelry studio and have more opportunities for leadership in the class.

Students may take all Jewelry & Metalsmithing classes in one year or spread throughout their time at Lincoln Academy. After JAM I & II, students who wish to continue may take Advanced Jewelry & Metalsmithing more than once for credit with permission of the instructor.

This course may count for the graduation requirement in the VA (as long as a student has taken Art Fundamentals) or DET departments.

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 DATA SCIENCE

DET520ELT ⅓ Credit (prerequisite - understanding of introductory computer science as gained by courses like Exploring Computer Science, AP Computer Science Principles, AP Computer Science A or equivalent, or permission of the instructor.)

In this course, students will learn skills necessary to communicate with data - how to build data sets, how to ask questions of the data, and how to visualize the results. These skills are

important for almost any profession, and are especially useful to supplement the study of computer science and technology, social sciences and mathematics. We will use visual analytics software and AI models to transcend the spreadsheet and tell data stories, while also discussing the ethics of data and how it's used.

EXPLORING COMPUTER SCIENCE: WEB DEVELOPMENT (TRIMESTER 1)

DET515ELT ⅓ credit

Exploring Computer Science - Web Development is an introductory level course where students learn basic html and css to build a website. Students use creative, problem-solving, and collaboration skills. No experience needed, but those more experienced with html and css are welcome to join and work at their level.

This course is an excellent preparation for AP Computer Science. This course is offered in Trimester 1.

EXPLORING COMPUTER SCIENCE: APP DEVELOPMENT (TRIMESTER 2)

DET516ELT ⅓ credit

Exploring Computer Science - App Development is an introductory level course that teaches the app development process. Students create app concepts, code their app, and have the additional opportunity to submit their app to 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 (TRIMESTER 3)

DET517ELT ⅓ credit

Exploring Computer Science - Game Development is an introductory level course where students build a single-player web-based game using javascript. Students learn the basics of game design and development and basic coding principles including variables and functions. 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 mod-

el projects in a Computer Aided Design (CAD) program like Rhino. Students will be able to design and model a variety of projects from flat bottomed skiffs, everyday objects like hammers and screen monitors, to advanced structures like a house. Students will demonstrate proficiency with the basic skills and principles of CAD.

COMPUTER AIDED DESIGN II

DET517GET 1/3 Credit (prerequisite Intro to CAD)

This course allows students to build on the foundational skills they developed in Intro to CAD. The focus of this trimester will be on analyzing and prototyping. Using digital fabrication tools such as laser cutters, 3D printers, or CNC machines, students will bring their designs into the real world. This will further students competency in Computer Aided Design (CAD) programs like Rhino. Students will be able to design and model a variety of projects from simple wooden furniture to advanced structures and timber framed houses and build small scale models to test their designs.

AQUACULTURE AND AQUAPONICS

PSC505GET 1/3 Credit (prerequisite: Biology or Honors Biology)

In Aquaculture and Aquaponics, students will explore the many ways to grow plants for food and function in water and soil. Aquaculture, aquaponics and the production of other food products is a unique and growing industry in our backyard. Students will explore different types of aquaculture like kelp and oyster production and work on projects such as a small-scale aquaponic system and microgreen production in the greenhouse. Students will also learn more about local 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.

Full Year

AP COMPUTER SCIENCE PRINCIPLES

DET301APY 1 credit (prerequisite: junior/senior and/or 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.

ADVANCED COMPUTER SCIENCE - DATA STRUCTURES AND ALGORITHMS

DET202GEY 1 Credit (prerequisite: AP Computer Science Principles or permission of the instructor)

Data structures and algorithms form the core of the skillset necessary to understand computer science. This course builds on introductory programming skills to explore core concepts of organizing and manipulating data efficiently. Students will learn to design, implement, and analyze fundamental data structures and algorithms, which are crucial for solving complex computational problems. Key topics include: arrays, stacks, queues, hash tables, trees, graphs, etc. Core algorithms explored will include: searching, sorting, recursion, and graph traversal.

This course runs every other year and will run in the 2026-2027 school year.

YEARBOOK & COMMUNICATIONS

DET507GEY 1 Credit

Students will produce the annual 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, and Digital Photography.

VISUAL & PERFORMING ARTS

All art, music and theater courses fulfill the visual and performing arts 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 and some can be selected as a DET requirement fulfillment after approval by the CAC office.

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, printmaking, 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 Visual Arts (VA) (if Art Fundamentals has been passed) 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

VSA502GET 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 VA (if Art Fundamentals has been passed) 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.

JEWELRY & METALSMITHING I

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

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

Students may take all Jewelry & Metalsmithing classes in one year or spread throughout their time at Lincoln Academy. After JAM I & II, students who wish to continue may take Advanced Jewelry & Metalsmithing more than once for credit with permission of the instructor.

This course may count for the graduation requirement in the VA (if Art Fundamentals has been passed) 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. This is the prerequisite course for yearlong Ceramics I.

Intermediate Courses:

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: Trimester Ceramics and permission of the instructor. Open to juniors and seniors)

This yearlong 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 sculpting, and wheel throwing. We will explore a variety of surface treatments (glaze, under-glaze 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, and culminates in the annual student art show and raku firing field trip.

GRAPHIC DESIGN II

VSA503GET 1/3 Credit (prerequisite: Graphic Design I and permission of the instructor)

Students will continue developing graphic design skills, such as layouts using Adobe InDesign, advanced image editing lessons in Adobe Photoshop, and advanced 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 the VA (if Art Fundamentals has been passed) or DET departments.

JEWELRY & METALSMITHING II

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

Students will continue exploring jewelry and metalsmithing, learning more techniques and working toward independently motivated projects. Areas of focus may include advanced soldering, advanced construction and fabrication, bezel setting, enameling, etching, stone-setting, cold connections, chain making, wax carving, simple casting, forging, die-forming, production techniques, chasing & repoussé, and more. Students will learn how to help maintain the jewelry studio and have opportunities for leadership in the class. Students may take all Jewelry & Metalsmithing classes in one year or spread throughout their time at Lincoln Academy. After J&M I & II, students who wish to continue may take Advanced Jewelry & Metalsmithing more than once for credit with permission of the instructor.

Students may take all Jewelry & Metalsmithing classes in one year or spread throughout their time at Lincoln Academy. After JAM I & II, students who wish to continue may take Advanced Jewelry & Metalsmithing more than once for credit with permission of the instructor.

This course may count for the graduation requirement in the VA (if Art Fundamentals has been passed) or DET departments.

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 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, 3D, or 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 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

(prerequisite: Ceramics I and permission of the instructor. Open to seniors)

Ceramics II is an extension of the experience in Ceramics I, working toward independently motivated projects. 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, maintain the studio, and opportunities for leadership in the class. Students will participate again in the annual student art show and raku firing field trip.

ADVANCED GRAPHIC DESIGN

VSA401GET 1/3 Credit (prerequisite: Graphic Design II and permission of the instructor)

Students will continue exploring graphic design at an advanced level. Areas of focus may be similar to GD II, with more independence in project design and focus. Students will help newer graphic design students and have more opportunities for leadership in the class. Students may take all Graphic Design

classes in one year or spread throughout their time at Lincoln Academy. After GD I & II, students who wish to continue may take Advanced Graphic Design more than once for credit with permission of the instructor.

This course may count for the graduation requirement in the VA (if Art Fundamentals has been passed) or DET departments.

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."

ADVANCED JEWELRY & METALSMITHING

DET519ELT 1/3 Credit (prerequisite - Jewelry & Metalsmithing II)

Students will continue exploring jewelry and metalsmithing at an advanced level. Areas of focus may be similar to JAM II, with more independence in project design and participation in the annual student art exhibition. Students will help maintain the jewelry studio and have more opportunities for leadership in the class.

Students may take all Jewelry & Metalsmithing classes in one year or spread throughout their time at Lincoln Academy. After JAM I & II, students who wish to continue may take Advanced Jewelry & Metalsmithing more than once for credit with permission of the instructor.

This course may count for the graduation requirement in the VA (if Art Fundamentals has been passed) or DET departments.

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" 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.

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, Concert Choir, Fundamentals of Instrumental 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/or 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.

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 are expected to be actively involved in 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.

Not offered in 2026-2027

Rock Band

PFA506MUT 1/3 Credit

Rock band is exactly what it sounds like. We will be playing rock music for a trimester at a time. Songs will be chosen by students with the help of the teacher and based on the number of students who sign up. Course material and instruments will be provided by the school. You do not need any experience to join this band. It is for all ability levels. We will go over technique and playing of rock band instruments (guitar, bass, drums, keyboards and vocals). There will be a unit on sound equipment setup and proper care. We will use non-traditional music notation to learn our songs, in other words if you do not read music do not worry. Students will be required to play in one live performance at the end of trimester.

Advanced Placement Music Theory

PFA302APY 1 Credit (prerequisite: permission of instructor)

The AP Music Theory course corresponds to one-to-two semesters of typical, introductory college music theory and aural skills coursework. Students learn to recognize, understand, describe, and produce the basic elements and processes of performed and notated music. Course content extends from the fundamentals of pitch, rhythm, timbre, and expression to concepts of harmonic function, phrase relationships, and tonicization. Students study these concepts in heard and notated music, with emphasis on identification and analysis of musical features, relationships, and procedures in full musical contexts. Repertoire for analysis on the AP Music Theory Exam ranges from European Baroque pieces to folk and popular music from across the globe. Students develop musicianship skills through melodic and harmonic dictation, sight singing, and error detection exercises. Writing exercises further emphasize the foundational harmonic and voice leading procedures of Western art music. Students who take this class must have previously studied an instrument or voice and have basic music reading skills. Students are required to take the AP Exam in May as part of the course curriculum.

Performing Ensembles

Concert Choir

PFA101MUY 1 Credit

The Concert Choir is the place for you! All experience and skill levels are welcome and no audition is required. You can expect to succeed in putting your voice out there in public, but in the safety of the group performance. You can also expect to learn to read music. All you need is to be a strong team player and we'll teach you the rest! We choose our own music, work hard, and have fun. Students will get the training they need to audition for Lincolnaires or they may sign up for Concert Choir multiple years.

Lincolnaires Honors Choir

PFA203HNY 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 Mr.Paquette at paquette@lincolnacademy.org.

String Orchestra

PFA205MUT 1/3 Credit (meets after school)

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 the 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.

FUNDAMENTALS OF INSTRUMENTAL MUSIC

PFA105MUY 1 credit

For those who have not had the opportunity to play a wind or percussion instrument before, this year-long course prepares students for participation in Lincoln Academy's Concert Band and Wind Ensemble. Students will develop technical proficiency on a wind or percussion instrument of their choice while also learning to read music. Instruction will also be given about basic instrument care and maintenance. Instruments offered include flute, clarinet, saxophone, trumpet, trombone, and percussion; Lesson books will be provided. Students will need to provide their own instrument, rent one, or borrow one from LA to meet the requirements of the course.

CONCERT BAND

PFA102MUY 1 Credit

This is a non-auditioned band open to students interested in playing wind or percussion instruments. Students study beginner and intermediate level techniques and materials in addition to band repertoire. Students quickly progress to more advanced levels with the goal of being ready to join Wind Ensemble in the following year. Students are expected to master skills in music theory and methods appropriate to their level of study. Students perform in concerts and parades and will have the opportunity to audition for the District III Honor Band. Students are required to schedule and attend two private lessons with the instructor each trimester. Purchase of uniform t-shirts (one Fall, one Spring, is required. There will be at least four required performances during the school year.

This is a non-auditioned band open to students interested in playing wind or percussion instruments. Students study beginner and intermediate level techniques and materials in addition to band repertoire. Students quickly progress to more advanced levels with the goal of being ready to join Wind Ensemble in the following year. Students are expected to master skills in music theory and methods appropriate to their level of study. Students perform in concerts and parades and will have the opportunity to audition for the District III Honor Band. Students are required to schedule and attend two private lessons with the instructor each trimester. Purchase of uniform t-shirts (one Fall, one Spring, is required. There will be at least four required performances during the school year.

HONORS WIND ENSEMBLE

PFA202HNY 1 Credit (prerequisite: Concert Band and audition and/ or permission of instructor)

This is an auditioned band geared toward more advanced players. Students study advanced level Band repertoire 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. Attendance at lessons, as outlined below, is required. Purchase of t-shirts (one in fall, one in spring) is required. There will be at least four required performances during the school year including concerts and parades.

This is an auditioned band geared toward more advanced players. Students study advanced level Band repertoire 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. Attendance at lessons, as outlined below, is required. Purchase of t-shirts (one in fall, one in spring) is required. There will be at least four required performances during the school year including concerts and parades.

JAZZ BIG BAND

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

Students will 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 primary or secondary instruments. There will be at least two required performances during the school year. The Jazz Big Band may participate in large group festivals in February and March.

JAZZ ENSEMBLE

PFA202MUT (Meets 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. There will be at least two required performances during the school 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 their 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 Wellness credit. These credits must include Introduction to Wellness (⅓ Wellness credit), Wellness for Life (⅓ Wellness Credit) and Fitness & Weight Training (⅓ Wellness credit). Additional Wellness courses count towards a student's elective credits.

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.

Course Fee $ 75

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 participation and other written assignments/reflections, 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.

RECREATIONAL GAMES FOR LIFE

WEL506ELT 1/3 credit

This class examines individual, partner and small group games/activities as part of lifelong wellness and activity. Emphasis is placed on social interactions during games, enjoyment of recreation, specific biomechanical skills for distance and accuracy, and participation in lifelong activities. Students are exposed to the application of specific game rules, respectful engagement of peers and opponents, conflict resolution, and safety guidelines. Activities may include archery, cornhole, bocce, map & compass, badminton, disc golf, mini golf, croquet as well as other backyard and recreational games.

This course is only offered during trimesters 1 and 3.

FAMILY & CONSUMER SCIENCE

COOKING

UND501GET 1/3 Credit

Topics covered include kitchen safety, basic cooking techniques, following recipes, cooking without recipes, nutrition, table manners, preparing international 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

LEAP SENIOR CAPSTONE

The LEAP (Learn, Explore, Apply, Present) Senior Capstone is a culmination of the student experience at Lincoln Academy. In this two trimester program, students challenge themselves to combine knowledge they have cultivated at LA with guided research and exploration on an independently chosen topic with focused application of skills and a presentation of their product and portfolio to the community. In the first trimester, students will develop an individualized project plan, curate resources to support their research, connect with community-based resources, and define their goals and timeline. In the second trimester, students will document the project exploration process, apply their skills to the proposed topic, reflect on successes and challenges, and prepare their portfolio to share with a wider community. The LEAP demonstration of learning symposium will take place in the winter or spring of senior year.

LEAP CAPSTONE I

UND501GET 1/3 credit

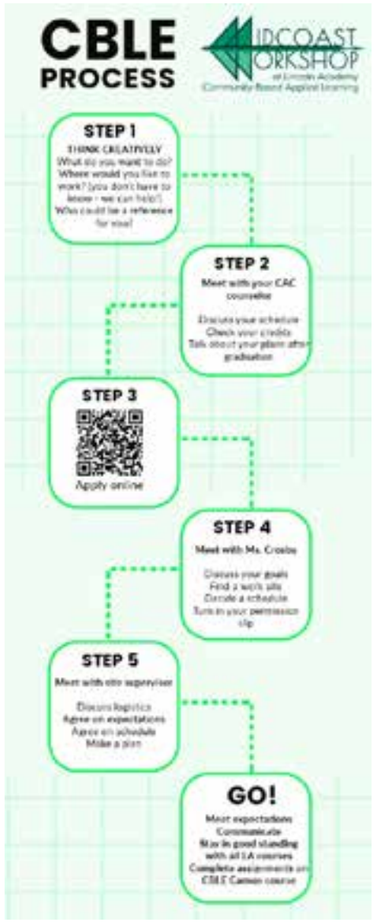
This class invites seniors to brainstorm, develop an individualized project plan, curate resources to support their research, connect with community-based resources, and define their capstone project goals and timeline.This trimester, each student identifies their individual research purpose and then creates a research framework tailored to their needs, which may incorporate online resources, print materials, primary sources, and human sources such as interviews or surveys. This trimester's work guides students in the LEAP Capstone II course and culminates in a proposal presentation.

LEAP CAPSTONE II

UND509GET 1/3 credit

In this trimester, seniors continue the work started in LEAP Capstone I by applying the knowledge gained during exploration and research. Students create goals, meet with their community expert, decide what they will contribute to the community they researched, and design a timeline. While working through each task, seniors reflect on their progress and practice their communication skills with narrative and presentation milestones. They also seek feedback from LEAP teachers, other faculty and their community experts. The final culmination of their LEAP Capstone work will be a presentation to a junior audience at an all-school learning symposium day.

COMMUNITY-BASED LEARNING EXPERIENCES



The Community-Based Learning Experience (CBLE) program helps juniors and seniors explore their post-secondary opportunities after Lincoln Academy. Whether students are entering the workforce immediately after school, or after two, four or more years of college or university - they will learn by experience about the professions that interest them. Students can apply to explore a career or profession, volunteer, or continue working in a field that they have already identified as being a part of their post-secondary plans. Through this experience, students can gain more in-depth knowledge about a career of interest, explore various opportunities available in the field and obtain hands-on experience.

Through the CBLE program, students are able to combine invaluable professional experience in the workplace with personal reflection. Students must have a high level of motivation and responsibility in order to get the most from their experience. The program consists of two major parts: learning on the job and reflecting on the experience by completing tasks in the online course. Students will work with the Director of Learning Initiatives to find a potential community learning site that meets expectations. The Director of Learning Initiatives will also make site visits and will require supervisor evaluations on a regular basis. Supervisors cannot be part of the student's immediate family or household. Students, parents/guardians and supervisors will agree to a contract that outlines expectations on the part of the work site and Lincoln Academy. Students will be asked to reflect on their CBLE by completing modules in the CBLE Canvas course.

To apply, students must complete an application with their post-secondary goals, their desired credit level and if possible, a proposed site or supervisor. The levels of CBLE available are either trimester or year length and can earn up to 2 credits per year. The student must maintain a 6 credit load for the year.

Note: CBLEs and Pre-Apprenticeships are graded on a pass/fail basis. Successful completion of the program and credits earned are dependent on students' CBLE course grade and satisfactory supervisor evaluations.

CBLE TRIMESTER

UND511GET ⅓ Credit (prerequisite - juniors and seniors, approval of proposal by Director of Learning Initiatives)

Students will earn ⅓ credit for a trimester experience. The trimester length CBLE can be repeated throughout the year. Examples would be assisting in a veterinary office, working on an investing project with a mentor from a bank, or trying more than one healthcare career through job shadows.

CBLE YEAR - 1 Credit

UND521GEY 1 Credit (prerequisite - juniors and seniors, approval of proposal by Director of Learning Initiatives)

Students will earn 1 credit for a year-long CBLE equivalent to one or two course blocks for the year. This type of CBLE could be volunteering as a library assistant, being a research assistant with a marine biologist, or getting some experience in an aesthetician's office.

CBLE YEAR - 2 Credits

UND531GEY 2 Credits (prerequisite - juniors and seniors, approval of proposal by Director of Learning Initiatives)

This is the highest level of CBLE and can be set up for three or four course blocks for the year, or for a full day. Examples include: an employee in a heavy equipment operation or animal supply store, an EMT in training at the local ambulance or an internship at a botanical garden.

PRE-APPRENTICESHIP - THREE CREDITS

(prerequisite: approval of the Director of Learning Initiatives, open to juniors and seniors)

If students are prepared for a significant level of investment in a particular field, they may apply for a Maine State Pre-Apprenticeship approved by the Maine Department of Labor.Pre-apprenticeships are occupational training programs that typically earn hours towards a formal apprenticeship after high school. From the ME DOL: "Because sponsors invest considerable time and money in apprentice training they are interested in students with genuine interests, aptitudes and abilities for the particular occupation. Most importantly, sponsors are looking for reliable, responsible, self-directed learners who are eager to learn hands-on and can successfully apply academic knowledge, such as math for blueprint-drawing, science for veterinary lab work, and computer skills for tracking production orders. A Registered Apprenticeship is a long-term commitment to the employer/sponsor."

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 the 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.

STUDENT ASSISTANT

(prerequisite: approval of the Independent Learning Committee)

Students who have completed substantial coursework in DET, Art, or Science may apply to the Independent Learning Committee to be a student assistant. This could be a shop steward helping with courses in DET, or a lab assistant helping with work in the Science department. Approval of the Independent Learning Committee and the recommendation of a faculty mentor are required. The approval process for independent studies takes place in the spring and the fall. Applications to be a student assistant should provide a project outline and work agreement. For further information and/or an application, see your Career and Academic Counselor.

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 & TECHNICAL CENTER

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 uses 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. Each school district provides bus transportation to and from Bath Tech. Students interested in enrolling in a Bath Tech program must complete an application, available from the high school counselor's 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 out our website: https://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 Enrollment. 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 PROGRAMS

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 their guidance counselor and the permission of their sending school principal. Finally, the Applied Academics program supports all Bath Tech programs through various initiatives, such as resume writing workshops and portfolio development. Applied Academics also provides Bath Tech students in need with Response To Intervention services (RTI)

JMG: JMG at Bath Tech provides students with the tools and opportunities to enhance their workplace skills while preparing to enter the workforce. All students will receive six career readiness workshops throughout the year, focusing on essential skills for professional success. Students can further their learning through experiences ranging from a one-time job shadow to a year-long internship. The program connects students with local businesses for in-depth training experiences while supporting them in exploring meaningful career paths.

Juniors can enroll in a class that builds career readiness skills, financial literacy, and leadership. Seniors have the opportunity to participate in internships, allowing them to work at a local business twice a week during their regular CTE class time. Through these experiences, students gain valuable insights and practical skills to help them transition smoothly into the workforce.

HALF DAY PROGRAMS

AUTOMOTIVE TECHNOLOGY I & II

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, tools and fasteners. The remainder of the first year focuses on basic vehicle maintenance on engines and brakes. Automotive Technology II focuses on electricity, from learning to diagnose driveability concerns and electrical faults, to understanding the three C's of automobile repair: complaint, cause, and correction. 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

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. Students will be exposed to the process of operating a CNC machine using the Aspire Vectric program. 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

Cosmetology is a two-year program that 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, hair coloring, nail technology, chemical textures, and facial treatments. Professional ethics are a vital expectation of the program.

CRIMINAL JUSTICE I & II

The Criminal Justice program provides a comprehensive overview of the criminal justice system, which includes law enforcement, the courts, and corrections. It covers a wide array of essential topics aligned with the standards set by the Maine Criminal Justice Academy, including Maine criminal law, traffic law, criminal investigations, report writing, defensive tactics, use of force protocols, ethics, legal principles, and human relations. Students will engage in hands-on scenarios that simulate the challenges faced by law enforcement officers, attorneys, and correctional officers in their daily careers. Additional components of the program include crime scene investigations, an introduction to forensics, and mock trials.

An element of the program is physical fitness, where students are expected to participate in exercises designed to help them meet the entrance standards of the Maine Criminal Justice Academy and create healthy life habits.

Students are also expected to maintain high ethical and moral standards both in and outside the classroom. These standards emphasize professionalism, respect, commitment, dedication, pride, self-discipline, and teamwork.

Upon completion of this two-year program, students will be well-equipped to explore career opportunities in criminal justice, including law enforcement, courts, and corrections, and will be prepared for further training or education in the field. Students also have the opportunity to obtain an industry-recognized National Law Enforcement Certification for secondary and post-secondary students.

Concurrent Enrollment available through SMCC

GRAPHIC DESIGN I & II

Graphic Design is a two-year college prep program that 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, After Effects, Lightroom Classic, and InDesign as students 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 have the opportunity to earn college credit through Concurrent Enrollment classes at Southern Maine Community College and Bath Tech. These classes are Digital Foundations, 2D Design, and Digital Art I. Concurrent Enrollment available through SMCC

CULINARY ARTS I & II

Culinary Arts 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 and OSHA 10. 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 the Culinary Institutes of America and Johnson & Wales University. Concurrent Enrollment available through SMCC

EARLY CHILDHOOD EDUCATION I & II

The Early Childhood Education program is an exploration of early childhood careers from infant care through early elementary education. This program allows students to prepare for entry-level positions upon graduation or to further their 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 local 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 the 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. Students may also choose to enroll in the BHP (Behavioral Health Professional) program through Woodfords.

Concurrent Enrollment available through SMCC Concurrent Enrollment available through UMF

ELECTRICITY I & II

The Electrical program is a two-year course that provides students with a strong foundation in residential and commercial wiring. Students learn basic electrical theory and gain hands-on experience installing electrical systems in both residential and commercial settings using blueprints and the National Electrical Code (NEC). Instruction emphasizes safety, fundamental wiring techniques, and the proper use of industry-standard tools required for installing a variety of electrical systems. Real-world application of electrical theory will be an integral part of the electrical program, with daily hands-on projects that provide students with valuable practical experience. Students will wire the modular home built by the Carpentry program and take part in a wide range of projects both in the classroom and throughout the school. In addition, students will engage in supervised community-based work, gaining firsthand experience with real-life electrical jobs. Upon completion of the two-year program, students will receive a certificate stating they have completed 576 hours of classroom time in Electrical Technology.

45 Hour Codes Course through Novel Engineering

PRE-ENGINEERING I & II

The Pre-Engineering (Applied Engineering) program introduces students to the methods and skills used in the industry while exploring engineering disciplines such as mechanical, architecture, civil, and manufacturing. In this course, students will use the engineering design process, applying math, science, and engineering standards to hands-on projects that solve real-world problems. Students will identify problems and generate solutions, communicate solutions, and test and implement them. CAD software will be used frequently for 2D and 3D design. Projects will be fabricated using rapid prototyping methods with 3D printing, Laser Cutting, and CNC Machining.

**Prerequisite: 10th Grade Geometry or Director permission*

HEALTH SCIENCE CAREERS

CERTIFIED NURSES ASSISTANT (CNA) (1 year program)

The CNA course is a one-year program available to juniors and seniors interested in a career in the health sciences field. Students receive 350 hours of academic preparation, including classroom material and supporting lab practice. Instruction in all human body systems is designed for an understanding of each system and its relationship to the healthy or diseased body. Students will participate in a supervised clinical experience in local health care sites and extended living facilities. Students are required to apply their 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.
All students will complete a Concurrent Enrollment course in Intro to Health Sciences. 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 earn CPR and First Aid Certifications.

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

MEDICAL SCIENCE (1 year program)

The Medical Science course is designed for students 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 Concurrent Enrollment courses in Medical Terminology and Anatomy & Physiology.

Concurrent Enrollment available through SMCC

WELDING I & II

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
- Welding Joints and Positions
- (FCAW) Flux Core Arc Welding
- (SMAW) Shielded Metal Arc Welding (Stick)

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
- (GMAW) Gas Metal Arc Welding (Mig)
- (GTAW) Gas Tungsten Arc Welding (TIG)
- (OFC) Oxygen Fuel Cutting
- (PAC) Plasma Arc Cutting
- Fabricate Various Projects
- Metallurgy
- Layout & Measurement Tools and Techniques
- Welding Symbols and Blueprint Reading

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 post-secondary education opportunities are available. These opportunities are discussed and encouraged through participation in this class.

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. Ninth 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 at: https://www.lincolnacademy.org/library/.

Currently, the library is open from 7:30 to 4:00 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, which takes place on Monday, Tuesday, and Thursday at the end of the school day. In addition to club meetings, FLB is also a time when students can seek academic support or attend meetings about college or career exploration.

Regular Club Offerings include:

- Band and Jazz Ensembles
- Chess and Board Games
- Civil Rights Team*
- Climate Action Club
- Coding Club
- Debate Team*
- FFA*
- Gay Straight Transgender Alliance (GSTA)
- Interact Club
- LA Ambassadors
- Library Team
- Math Team*
- Model United Nations*
- National Honor Society*
- Newspaper: The Talon
- Outing Club
- Peer Tutors
- Photography Club
- eSports
- VEX Robotics*
- Theater Productions, One-Act Play Festival*
- Science Club
- Sigma Sigma Chi (Service Club)
- Student Council
- Ultimate Frisbee
- Volleyball Club
- Y Teen Leaders*
- Special Olympics/Team UNIFY*

**Affiliated with local, state, or national organizations*

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 begins 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.