ACADEMY OF OUR LADY OF MERCY

Lauralton Hall

2026-2027
COURSE OFFERINGS

V0l1-16-2026

LAURALTONHALL.ORG

200 HIGH ST. MILFORD, CT 06460

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ART DEPARTMENT

All students are required to take one credit of high school fine arts.
After a student completes her first required nonacademic credit in Fine Arts, she may elect to take future Fine Arts courses for either academic or nonacademic credit. If a student selects academic credit for an Art course, that course will be included in her weighted GPA as a College Prep course. A student may take this course to complete her required 6 academic courses per semester or she may include it as a 7th academic course since there will be minimal outside preparation (homework, projects, studying for tests) needed for the Fine Arts course.

(39112 – na /303 – a) Studio Art 1 **Semester** **.5 Credit**
An introduction to art concepts through a variety of media and projects offered to those students who have an interest in pursuing the Visual Arts.

(39122 – na /31122 – a) Studio Art 2 **Semester** **.5 Credit**
(Prerequisite: Studio Art 1)
A complete exploration of drawing. Students use pencil and pen in creating projects with a focus on realism, such as still life, portraiture, figure drawing and landscape.

(3100 – na /310 – a) Graphic Design **Semester** **.5 Credit**
(Prerequisite: Studio Art 1)
Open to sophomores, juniors, and seniors.
Adobe Photoshop is used in creating original and innovative artwork while challenging the student in visual problem solving with a focus on creating strong design.

(3942 – na /342 – a) Illustration **Semester** **.5 Credit**
(Prerequisite: Studio Art 1)
Open to juniors and seniors.
Examining the process of general illustration, students learn about character design, story development and imagery rendering. Concepts explored include manga and cartooning in a variety of media.

(39132 – na /31132 – a) Studio Art 3 **Semester** **.5 Credit**
(Prerequisite: Studio Art 1 and Studio Art 2)
Open to sophomores, juniors, and seniors.
An introduction to painting. Projects will include realistic work using materials such as watercolor, gouache and acrylic.

(39142 – na /31142 – a) Studio Art 4 **Semester** **.5 Credit**
Prerequisite: Studio Art 1, 2 and 3
Open to sophomores, juniors, and seniors.
Students have the opportunity to use developed drawing and painting skills to create expressive mixed media pieces focusing on creativity.

(3972 – na /372 – a) Portfolio Prep **Semester** **.5 Credit**

(Prerequisite: Studio Art 1, Studio Art 2 plus teacher recommendation)

Open to juniors and seniors.

Intended for students making a portfolio for college submission and/or students who have a strong interest in art. Projects focus on realistic renderings while considering individual needs of the student. Photographing work, art careers and applying to art school will be discussed.

(3908 – na /308 – a) Senior Art Workshop **Semester** **.5 Credit**

(Prerequisite: Studio Art 1, Studio Art 2 and one art course or teacher recommendation)

Open to seniors.

The concentrated instruction in this course is designed to assist the art student intending to pursue further art studies. Students learn to resolve advanced art problems in all related art divisions of study and to create varied, individualized, sophisticated works.

PERFORMING ARTS DEPARTMENT

All students are required to take one credit of high school fine arts.

After a student completes her first required nonacademic credit in Fine Arts, she may elect to take future Fine Arts courses for either academic or nonacademic credit. If a student selects academic credit for the Music course, that course will be included in her weighted GPA as an Honors course. A student may take this course to complete her required 6 academic courses per semester or she may include it as a 7th academic course since there will be minimal outside preparation (homework, projects, studying for tests) needed for the Fine Arts course.

(324 – na /3242 – a) Freshman Choir **Year** **1 Credit**

Open to freshmen.

In this class students work toward team building, sharing responsibility, and respecting others. They learn and improve proper vocal production, range, breath support, music reading skills, and listening skills. Appreciation for various styles of choral music is stressed. There are two major performances per year. The purchase of a choir dress is required.

(325 – na /32521 – a) Concert Choir Honors **Year** **1 Credit**

Open to sophomores, juniors, and seniors.

Students work toward team building, sharing responsibility, and respect for others. They improve vocal production, range, breath support, music reading skills, and listening skills. Expanded appreciation for various styles of choral music is stressed. There are two major performances per year. The purchase of a choir dress is required for those who were not members of freshman choir.

(3291 – na /3291 – a) Advanced Vocal Ensemble Honors **Year** **1 Credit**

Open to sophomores, juniors, and seniors by audition.

This is a chamber choir whose members serve as "musical ambassadors" to school and community. Emphasis is on proper vocal production, intonation, musicality, solo and choral repertoire, and music reading. Students work toward team building, sharing responsibility, and respecting others, with many opportunities for performances throughout the year. Purchase of a choir dress is required.

(3321) Popular Music and Diversity in American Society Honors **Year** **1 Credit**
UConn Course Number MUSI1003

(Prerequisite: A minimum final average of B+ (87) in current English CP1 course or B- (80) in current English Honors class.) Open to juniors and seniors.

This course is an introduction to popular music and diversity in America: jazz, blues, Top-40 pop, rock, hip-hop, and other genres. Musicians and their music is studied in the context of twentieth-century and contemporary American society, emphasizing issues of race, gender, class, and resistance. Students may elect to take this course for UConn credit. This course follows the UConn Course Curriculum that is offered on the college level and as such, the content requires a maturity of students who enroll.

(3532 – na /35321 – a) Symphonic Orchestra Honors **Year** **1 Credit**

Open to freshmen, sophomores, juniors, and seniors.

Symphonic Orchestra is a performance ensemble comprised of string instruments (Violin, Viola, Cello, and String Bass), Woodwind, Brass, and Percussion (including piano), guitar and electric bass. The group studies artistically, intellectually, and emotionally challenging band and orchestra literature ranging from traditional to contemporary styles. Improving individual musicianship and technique are emphasized as well as player collaboration to assure success as an ensemble. Members of the ensemble are required to practice a minimum of 80 minutes a week, documented by practice sheets. The ensembles will perform two major concerts a year and have the opportunity to perform at other events in the community. Attendance at the major concerts, which will be on the master calendar on the first day of school, is mandatory. All members will be expected to attend the smaller events, as well, but will be given ample notification when those are added. Purchase of the orchestra uniform is required.

(3432) Theater Studies College Prep 1 **Year** **1 Credit**

Open to juniors and seniors

Combining theater history with foundational acting techniques, students will work their way through the theatrical cannon - from classics to contemporary. Students will read plays and relevant texts from the appropriate periods, perform monologues and scenes, and engage in unique acting exercises each unit.

BUSINESS DEPARTMENT

(638) Introduction toBusiness College Prep 1 Year 1 Credit

Open to juniors and seniors.

In this course, students survey the operation of business in our free enterprise system. Topics covered include the economy, owning and operating a business, marketing, human resource management, financial and technological management, consumerism, and business ethics.

ENGLISH DEPARTMENT

All students are required to take four credits of English. The traditional sequence includes English 1, English 2, English 3, and English 4. Advanced Placement options may replace English 3 Honors and English 4 Honors for qualified students.

Students must have a minimum final average of A (93) to move from College Prep 1 to Honors. To remain in an Honors level course, students must maintain at least a B-(80) average

(111) English 1 Honors – The Elements of Literature and Literary Genres Year 1 Credit
English 1 Honors students explore a multitude of genres including the short story, the novel, drama, and poetry; they work both independently and collaboratively to recognize literary elements and techniques. Honors students examine a Victorian novel. Students engage with challenging texts through Socratic Seminars, debates, research-based presentations, dramatic readings, and more. Honors students interact with texts in a variety of ways including discussion, writing, and technology to hone their analytical skills. After carefully examining model paragraph writing, students craft full length research and analysis essays. Students also learn how to assert and develop their own thesis, locate/evaluate primary and secondary sources, incorporate, and correctly cite research into their essays. Students study grammar, mechanics, and usage to improve their oral and written skills. They practice varying diction and syntax to elevate their critical and creative writing. Throughout the year, students learn, practice, and utilize new vocabulary terms, which relate to course texts and literary devices/ poetry.
Major English 1 Honors works include: "The Cask of Amontillado," *Jane Eyre*, *The Tragedy of Romeo and Juliet*, and *The House on Mango Street*. Students also read a contemporary novel as part of their summer reading.

(112) English 1 College Prep 1– The Elements of Literature and Literary Genres Year 1 Credit
Freshman College Preparatory students explore a multitude of genres including the short story, the novel, drama, and poetry; they work both independently (e.g. composing quick writes, making text-to- self/text/work connections, etc.) and collaboratively (e.g. games, skits, etc.) to recognize literary techniques, the elements of fiction, authors utilize in each genre. Analysis through discussion, writing, and technology enhances critical thinking skills. Students study grammar, mechanics, and usage to improve their oral and written skills. After carefully examining different parts and qualities of an excellent paragraph, students craft full length research and analysis essays. Students also learn how to effectively locate/evaluate primary and secondary sources and incorporate research. Students practice choosing text to substantiate claims and correctly incorporate and cite evidence. Students learn, practice, and utilize new vocabulary terms, which relate to course texts and literary devices/ poetry. Major English 1 works include "The Cask of Amontillado," *The Tragedy of Romeo and Juliet*, and *The House on Mango Street*. Students also read a contemporary novel as part of their summer reading.

(121) English 2 Honors – The Hero's Journey Year 1 Credit
(Prerequisite: English 111-English 1 Honors)
English 2 Honors is the study of the hero and the heroic journey. The class begins with an overview of Greek mythology and examines the various characteristics of the heroic pattern from ancient Greece to the 21st century. Students at this level read Homer's *Odyssey* and write, along with other academic and creative writing projects, a comprehensive research paper examining various critical aspects of the epic poem and its connections to modern issues. Additionally, students will study ancient Greek drama with Sophocles' *Antigone*. In the spring, students will closely study the Shakespearean comedy *A Midsummer Night's Dream* and end the year with a look at 20th-century American tragic heroes in *The Great Gatsby* and *The Catcher in the Rye*. Overall, this course is designed to increase students' appreciation of literature and art from the Western canon while developing core reading, writing, and research skills. Finding connections between the literature and current events is encouraged through reading, writing, and research. Summer reading assignments include Suzanne Collins' *The Hunger Games* and the epistolary novel *The Guernsey Literary Potato Peel Pie Society*.

(122) English 2 College Prep 1– The Hero's Journey **Year** **1 Credit**

(Prerequisite: English 112—English 1 College Prep 1)

This course takes students on the hero's journey as we read Shakespeare's *A Midsummer Night's Dream*, classical mythology (Homer's *Odyssey*), Sophocles' *Antigone*, and contemporary novels (*The Secret Life of Bees*) for their literary significance and cultural insight. Students review their knowledge and understanding of literary elements starting with the summer reading (*The Hunger Games*). They build and demonstrate their skills through discussion, quizzes and tests, essays, presentations, and projects. Emphasis is on the craft of writing, including principles of grammar, usage, mechanics, sentence structure, vocabulary, and close reading literary analysis.

(1501) English Language and Composition Advanced Placement **Year** **1 Credit**

(Prerequisite: English 121-English 2 Honors with a minimum final average of a A-(90))

The AP English Language and Composition course provides students with the opportunity to read rigorous texts from various eras and in different genres, analyzing the big ideas of rhetorical situation including claims, evidence, reasoning, organization, and style. Students use given texts to reach the goal of effective writing and analysis: they will read and annotate texts from a critical perspective in order to craft well-reasoned essays and personal reflections in response.
The course is structured both thematically and chronologically (through specified skill sets), based on the College Board's recommendations. The over-arching theme for the course is that of power. The majority of our material is from our textbook *The Language of Composition.* Course work will encompass a strategic approach, including frequent practice and writing instruction through AP Central (an online supplement to classroom work) as students ready themselves for the national exam in May. Students will need to complete summer assignments. All students are required to take the College Board Advanced Placement Exam in the Spring. The AP Exam fee is not included in the Lauralton Hall tuition and is billed in the fall.

(131) English 3 Honors – The American Journey in Literature **Year** **1 Credit**

(Prerequisite: English 121—English 2 Honors)

English 3 Honors is a mostly chronological survey of American literature and literary movements from the 17th to the 20th century, covering the pre-Colonial and Puritan period, Rationalism, Romanticism, Realism, Modernism, and the Harlem Renaissance. The course includes representative works of poetry and both fiction and non-fiction prose. In addition to selected essays, short stories, and dramas, major texts specific to the honors level include *The Scarlet Letter, The House of Mirth, and The Sun Also Rises.* We continue the work done freshman and sophomore year to develop critical thinking, reading, and writing skills and to encourage appreciation for literature and language in its historical context. This course follows an honors level pace and workload; the emphasis is on close reading and interpretation of literary technique as it illuminates the work as a whole. The guiding belief and objective are that close engagement with literature reveals to the student both the world and herself.

(132) English 3 College Prep 1 – The American Journey in Literature **Year** **1 Credit**

(Prerequisite: English 122 – English 2 College Prep 1)

English 3 College Prep is a mostly chronological survey of American literature and literary movements from the 17th to the 20th century, covering the pre-Colonial and Puritan period, Rationalism, Romanticism, Realism, Modernism, and the Harlem Renaissance. The course includes representative works of poetry and both fiction and non-fiction prose. In addition to selected poems, essays, and short stories, major texts specific to the college prep level include *The Crucible, The Great Gatsby,* and *The Glass Menagerie*. We continue the work done freshman and sophomore year to reinforce understanding of literary elements and technique, terms of literary analysis, and the conventions of standard English usage in both spoken and written work. Students further develop critical thinking, reading, and writing skills through study, discussion, analysis essays, projects, and presentations. Our goal is to encourage understanding and appreciation for literature and language in its historical context with the belief that close engagement with literature reveals to the student both the world and herself.

(1601) English Literature and Composition Advanced Placement Year 1 Credit
(Prerequisite: English 1501—English Language AP with a minimum final average of B- (80) or English 131— English 3 Honors with a minimum final average of A- (90))
Designed for seniors who are motivated, disciplined, and willing to engage in complex and profound work, AP English Literature and Composition follows the curricular requirements suggested by the College Board and prepares students for work at the college level. Although the course includes works by non-British authors, for example, John Steinbeck's The Grapes of Wrath, and Toni Morrison's Beloved, the bulk of literature is British and the course mostly chronological from the Anglo- Saxon period to today. Students are engaged in close reading and critical analysis of poetry and prose fiction and are challenged to elevate critical thinking and writing on complex material, develop greater familiarity with literary styles and movements, enhance understanding of literature through scholarly interpretations, and refine speaking and listening skills. Notable texts include Beowulf, Grendel, Hamlet, and Frankenstein. Students will need to complete summer assignments. All students are required to take the College Board Advanced Placement Exam in the Spring. The AP Exam fee is not included in the Lauralton Hall tuition and is billed in the fall.

(141) English 4 Honors –British Literature from the Anglo-Saxons to Yeats and Joyce Year 1 Credit
(Prerequisite: English 131—English 3 Honors)
The English 4 Honors curriculum is taught at an accelerated pace and with intellectual depth as students read and analyze classics from the British literary canon. Works include excerpts from the epic *Beowulf;* selections from *The Canterbury Tales;* poetic translations of Arthurian legend; various Shakespearean sonnets and other selected poems from the Renaissance; a Shakespearean tragedy, *Macbeth*; the Romantic & Victorian poetry, and Mary Shelley's novel, *Frankenstein.* Prior to the start of their senior year, students read Daphne du Maurier's *Rebecca* and Robert Louis Stevenson's *The Strange Case of Dr. Jekyll and Mr. Hyde.* At the start of the year students discuss both novels in a Socratic seminar format and write benchmark analysis papers comparing the Gothic elements evident in both works. Throughout the academic year, particular attention is paid to close analysis skills, tracing motif, and exploring symbolic and thematic continuity among literary works. Honors students will write a comprehensive literary research paper on *Macbeth,* utilizing literary databases and identifying several sources to help support their analytical aims. The course culminates with a survey of twentieth century Irish writers, including William Butler Yeats and James Joyce.

(142) English 4 College Prep 1 – British Literature from the Anglo-Saxons to Yeats and Joyce Year 1 Credit
(Prerequisite English 132—English 3 College Prep 1)
The English 4 curriculum challenges students to examine their relationship with the world, with nature, and with themselves, as they read and study classics from the British literary canon. Works include excerpts from the epic *Beowulf;* selections from *The Canterbury Tales;* poetic translations of Arthurian legend; various Shakespearean sonnets and other selected poems from the Renaissance; a Shakespearean tragedy, *Macbeth*; Romantic & Victorian poetry, and Jane Austen's novel, *Pride and Prejudice*. Prior to the start of their senior year, students read Daphne du Maurier's *Rebecca* over the summer months; discussion of the novel and elements of Gothic literature will take place during the first two weeks of the semester. Throughout the academic year, particular attention is paid to close reading and comprehension of difficult texts as seniors prepare for college-level course work. Throughout the academic year, students will continue to develop and strengthen their writing skills as they write various pieces of literary analysis and develop and craft a literary research paper during the second semester on *The Tragedy of Macbeth.*

HISTORY DEPARTMENT

All students are required to take 3 credits on the high school level. It is highly recommended that students take 4 credits. Required courses include World History, Modern World History, U.S. Government and U.S. History.

Students must have a minimum final average of A (93) to move from College Prep 1 to Honors. To remain in an Honors level course, students must maintain at least a B- (80) average.

(211) World History Honors **Year** **1 Credit**

This survey course traces early modern world civilizations through World War I. Topics Include the cultural rebirth of the Renaissance, the revolutionary changes of the Reformation, global exploration and colonial expansion, the Scientific Revolution and Enlightenment, political revolutions including the French and Latin American revolutions, the rise of nationalism and imperialism, and the causes and consequences of World War I and the Russian Revolution. Skills in note taking, outlining, essay writing, and primary source analysis will be developed and reinforced. In addition to unit examinations, the course utilizes Infographics, student debate, oral and multimedia presentations, simulations, blogs, DBQ's, dramatic readings, and creative writing assignments. Emphasis is placed on understanding historical cause and effect, comparing different societies, and drawing connections between the past and present.

(212) World History College Prep 1 **Year** **1 Credit**

This survey course traces early modern world civilizations through World War I. Topics Include the cultural rebirth of the Renaissance, the revolutionary changes of the Reformation, global exploration and colonial expansion, the Scientific Revolution and Enlightenment, political revolutions including the French and Latin American revolutions, the rise of nationalism and imperialism, and the causes and consequences of World War I and the Russian Revolution. Skills in note taking, outlining, essay writing, and primary source analysis will be developed and reinforced. In addition to unit examinations, the course utilizes Infographics, student debate, oral and multimedia presentations, simulations, blogs, DBQ's, and creative writing assignments. Emphasis is placed on understanding historical cause and effect, comparing different societies, and drawing connections between the past and present.

(241) Modern World History Honors **Semester** **.5 Credit**

(Prerequisite: History 211- World History Honors)

This course is a survey of the period following World War I through the modern day. Students examine the international impact and influence of rising dictators, WWII, the Cold War, Communist Revolutions, decolonization, and conflict in the Middle East. The course culminates with an examination of global security issues, including human rights & genocide, international economic stability, modern terrorism, and environmental challenges. Students will make connections on how historic events have shaped our contemporary world and identify the links between the past and the continuous geopolitical & religious struggles experienced in Europe, Asia, Africa, and the Middle East today. Essay writing, collaborative note taking, internet research gathering skills with a focus on credible sources, solution-based projects, debating, geography skills and analysis of primary sources are emphasized.

(242) Modern World History College Prep 1 **Semester** **.5 Credit**

(Prerequisite: History 212-World History College Prep 1)

This course is a survey of the period following World War I through the modern day. Students examine the international impact and influence of rising dictators, WWII, the Cold War, Communist Revolutions, decolonization, and conflict in the Middle East. The course culminates with an examination of global security issues, including human rights & genocide, international economic stability, modern terrorism, and environmental challenges. Students will make connections on how historic events have shaped our contemporary world and identify the links between the past and the continuous geopolitical & religious struggles experienced in Europe, Asia, Africa, and the Middle East today. Essay writing, collaborative note taking, internet research gathering skills with a focus on credible sources, solution-based projects, debating, geography skills and analysis of primary sources are emphasized.

(2221) United States Government Honors **Semester** **.5 Credit**

(Prerequisite: History 211-World History Honors)

This course provides students with an introduction to the development of the American government focusing on the executive, legislative, and judicial branches and examines the United States' legal system and constitutional history with special emphasis on the application of the Bill of Rights in recent years. Historic and modern Supreme Court decisions will be used to develop an in-depth understanding of the historical background and present-day constitutional controversy over such topics as free speech, censorship, affirmative action, and the rights of the accused. Students continue to refine essay writing skills, internet research gathering with a focus on credible primary sources, debating, and collaborative note taking and project skills.

(2222) United States Government College Prep 1 **Semester** **.5 Credit**

(Prerequisite: History 212- World History College Prep 1)

This course is a survey of the executive, legislative, and judicial branches of government and a study of democracy in action. Students learn about the roles, the people, and the decision-making process for each branch of government. The students then apply their foundation of knowledge as they study each of these departments in action as current events unfold. Students also examine the creation of the United States government with special emphasis on the Declaration of Independence, The Constitution, and the Bill of Rights including the application of knowledge of the Constitution and the Bill of Rights as applied to landmark Supreme Court Cases and important Supreme Court decisions that have been made in recent years. Students continue to refine essay writing, note-taking, research for solution-based projects, U.S. political geography skills and analysis of primary sources. Special emphasis is placed on the development of Internet information gathering skills with a particular focus on the identification of credible sources.

(2301) United States History Advanced Placement - UConn ECE **Year** **1 Credit**
UConn Course Number 1501 and 1502

(Prerequisite: minimum final average of B- (80) in History 2211-European History AP or minimum average of A- (90) when averaging final grades in History 2221-US Governments Honors and History 241- Modern World History Honors or Grade 12–90 in previous honors History elective excluding Introduction to Psychology)

Open to juniors and seniors

This course allows students the opportunity to learn to think like historians. Beginning in the colonial period and concluding with modern day America, students will develop the ability to think conceptually about United States History. Designed to challenge disciplined students who demonstrate talent and interest in history, this course provides students the opportunity to analyze historical evidence, identify patterns and connect them to larger historical themes, and synthesize evidence from primary sources and secondary works. Through the use of rigorous college-level readings, students will be challenged to develop and apply a deep knowledge base upon which to write expository essays analyzing historical contexts. An annotated bibliography, based on independent research, is required. AP U.S. History is designed to be a two-semester introductory college or university history course. Students should be aware of the heightened expectations, effort, and commitment required to achieve success in an Advanced Placement course. There are weekly homework assignments including reading, writing, researching, and analyzing documents. The course also includes a summer assignment from the text and a summer reading book. Students may elect to take this course for UConn credit. Students are required to take the Advanced Placement examination in the spring. The AP Exam fee is not included in the Lauralton Hall tuition and is billed in the spring.

(231) United States History Honors - UConn ECE Year 1 Credit
UConn Course Number 1501 and 1502
(Prerequisite: History 2211-European History AP or a minimum average of B- (80) when averaging final grades in History 241-Modern World History Honors and History 2221-United States Government Honors, or minimum average of A (93) and when averaging final grades in History 242 – Modern World History College Prep 1 and History 2222- United States Government College Prep 1)
Open to juniors and seniors.
This survey course starts with the formation and challenges of the early republic and moves throughout the history of America into modern day. Emphasis will be placed on social, political, economic, and domestic and foreign policies, efforts, and impacts. The course integrates analytical reading and writing skills while exploring and examining the major topics covered in U.S. History. Students are required to evaluate primary sources, and varying points of view offered in texts as well as in current events. Students must also analyze political cartoons, movies, and literary works throughout the year to help them build a holistic understanding of history and the impact of these events. Multimedia projects, class discussions, debates, and an emphasis on technology skills in a variety of platforms will be utilized in this course. In addition, students complete a comprehensive research paper in which they will choose a topic of choice on an area of American study. Emphasis will be placed throughout the year on conducting research, evaluating the authenticity of sources, integrating research into the student's own commentary while practicing proper ethics for citations. Students may elect to take this course for UConn credit.

(232) United States History College Prep 1 Year 1 Credit
(Prerequisite: History 242-Modern World History College Prep 1 and History 2222-United States Government College Prep 1) Open to juniors and seniors.
This survey course integrates analytical reading and writing skills while exploring and examining the major topics covered in U.S. History. Students are required to evaluate primary sources, and varying points of view offered in texts as well as in current events. Multimedia projects, class discussions, debates, and an emphasis on technology skills in a variety of platforms will be utilized in this course. In addition, students complete a comprehensive research paper in which they will choose a topic of choice on an area of American study. Emphasis will be placed throughout the year on conducting research, evaluating the authenticity of sources, integrating research into the student's own commentary while practicing proper ethics for citations.

(2211) European History Advanced Placement Year 1 Credit
UConn Course Number HIST1400
(Prerequisite for seniors and or juniors: minimum final average of B-(80) in History 2301-Unites States History AP or minimum average of A-(90) when averaging final grades in History 2221- United States Government Honors and History 241-Modern World Honors or minimum of A-(90) in History 231-United States History Honors or for seniors a minimum average of A- (90) in previous honors History elective excluding Introduction to Psychology.)
This course provides a multifaceted, interdisciplinary approach to the study of European History and examines Europe's place in the world from 1450 to the present. Students will examine the politics, economics, religion, philosophy, literature, art, and social history of the continent and consider how those elements have helped shape the modern world. Emphasis is placed on the chronological progression of European history, the major events, trends, and developments over time, and the role Europe has played within the larger global context. This includes examination of how Europe has impacted and has been impacted by the rest of the world. Analytical and critical thinking skills are developed through the regular examination of primary & secondary sources, maps, works of art, and other visual materials. Class discussions, exercises, and assessments require students to consider varying perspectives on the past as well as individual points of view. A summer assignment on Medieval and Renaissance Europe serves as a launching point for the course and is due on the first day of class. As part of the Advanced Placement program, the course prepares students for the AP European History exam. All students are required to take the exam. The AP Exam fee is not included in the Lauralton Hall tuition and is billed in the spring.

(251) Economics Honors –UConn ECE **Semester** **.5 Credit**

UConn Course Number ECONN 1000

Open to juniors and seniors.

This is an elective designed to approximate a college level course in microeconomic, macroeconomic, and Global economic theory and issues. Students are introduced to the economic way of thinking. The course explores the ideas and concepts of opportunity cost, supply and demand, how markets work (or fail to work), how people and firms make economic decisions (thinking at the margin), government intervention and its effects, market structures (monopoly, perfect competition, monopolistic competition, oligopoly), monetary and fiscal policy, unemployment, the business cycle, GDP and its components, the US banking system, absolute advantage vs. comparative advantage, international trade, protectionism, and globalization. Students participate in a stock market simulation during the entire semester. Research, debate, presentation, writing, and analytical skills in economics are emphasized. Students may elect to take this course for UConn ECE credit.

(252) Economics College Prep 1 **Semester** **.5 Credit**

Open to juniors and seniors.

This is an introductory course to microeconomic, macroeconomic, and Global economic theory and issues. The course explores the ideas and concepts of opportunity cost, supply and demand, how markets work, how people and firms make economic decisions, government intervention and its effects, market structures, monetary and fiscal policy, unemployment, the business cycle, the explanation and calculation of GDP, history and structure or the US banking system, absolute advantage vs. comparative advantage, international trade, protectionism, and globalization. Students will participate in a stock market simulation during the entire semester. Research, debate, presentation and writing skills in economics are emphasized.

(291) Current Global Issues Honors **Semester** **.5 Credit**

Open to seniors. College Prep students may take this for honors credit if the final average in their most recent history course was 90 or higher.

The goal of this seminar is to have open discussions of political and social issues to raise awareness of current world events. Students will explore not only the events of the day but also their relationship to their government, their rights, and the world in which they live. Several global themes are prevalent throughout the course including pollution, human trafficking, children at risk, AIDS, terrorism, water, and political, economic, and religious instabilities. Students will explore these relationships in a skill-based environment, where they will develop mastery of the following skills to assist their exploration: reading comprehension, written communication, oral communication, critical analysis, research, and understanding viewpoints of others. As a skills-based class student assessment will be on the development of these skills as applied to the content of the course. Classroom discussion, presentation skills and critical thinking skills are stressed.

(292) Current Global Issues College Prep 1 **Semester** **.5 Credit**

Open to seniors.

The goal of this seminar is to have open discussions of political and social issues to raise awareness of current world events. Students will explore not only the events of the day but also their relationship to their government, their rights, and the world in which they live. Several global themes are prevalent throughout the course including pollution, human trafficking, children at risk, AIDS, terrorism, water, and political, economic, and religious instabilities. Students will explore these relationships in a skill-based environment, where they will develop mastery of the following skills to assist their exploration: reading comprehension, written communication, oral communication, critical analysis, research, and understanding viewpoints of others. As a skills-based class student assessment will be on the development of these skills as applied to the content of the course. Classroom discussion, presentation skills and critical thinking skills are stressed.

(2401) AP Psychology **Year** **1 Credit**

Open to juniors and seniors.
(Prerequisite for seniors and/or juniors: minimum final average of B- (80) in History 2301- Unites States History AP or minimum average of A- (90) when averaging final grades in History 2221- United States Government Honors and History 241- Modern World History Honors or minimum of A- (90) in History 231- United States History Honors or a minimum of A (95) in History 232 – United States History College Prep 1)
AP Psychology introduces students to the systematic and scientific study of human behavior and mental processes. Students learn the psychological facts, principles, and phenomena contained within the major branches of psychology. The first semester focuses on the fundamental sub-fields of behavior, sensation, perception, learning and cognition. This provides a solid footing from which to investigate the topics of developmental, social and abnormal psychology in the latter half of the year. Interwoven throughout their study are numerous opportunities to cultivate research and critical thinking skills. Presented with experiential psychological field work, the students are challenged to apply different research methods, collaborate with others, collect and analyze data, and arrive at conclusions. Students taking the AP class are expected to delve deeply into the topics, take AP- style assessments, and prepare for the AP exam in the spring. Students are required to take the Advanced Placement exam in the spring. Based on enrollment, this course may be offered online.

(2411) Introduction to Psychology Honors **Semester** **.5 Credit**

Open to seniors.
This semester-long course offers students the opportunity to explore the field of Psychology by looking at the history of the field of study as well as current theories and models. The course will focus on human development, tracing the development of psychology as a discipline, and its origins to current theories of application. Students will evaluate the brain and the nervous system and explore how humans perceive their world. Once the foundation is set, students will explore intelligence, cognition, consciousness, and emotional development as well as disorders and mental illness, the myths, truths and current therapies available. Emphasis will be placed on statistics and case studies to gain a greater understanding.

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(2412) Introduction to Psychology College Prep 1 **Semester** **.5 Credit**

Open to seniors.
This semester long course offers students the opportunity to explore the field of Psychology by looking at the history of the field of study as well as current theories and models. The course will focus on human development, tracing the development of psychology as a discipline, and its origins to current theories of application. Students will evaluate the brain and the nervous system and explore how humans perceive their world. Once the foundation is set, students will explore intelligence, cognition, consciousness, and emotional development as well as disorders and mental illness, the myths, truths and current therapies available. Emphasis will be placed on statistics and case studies to gain a greater understanding.

MATHEMATICS DEPARTMENT

All students are required to take three credits of high school math; most students take four credits, and some take five credits. Beginning with the class of 2028, all students will be required to take four credits.

Students must have a minimum final average of A (93) to move from College Prep 1 to Honors. To remain in an Honors level course, students must maintain at least a B- (80) average.

(411) Algebra 1 Honors **Year** **1 Credit**
(Prerequisite: Administration determines placement)
This course stresses the structure of Algebra and the development of computational and problem-solving skills. Topics include properties of real numbers, simplifying expressions, solving equations and inequalities, factoring, fractions, polynomials, and graphing. A graphing calculator is required for this course.

(412) Algebra 1 College Prep 1 **Year** **1 Credit**
(Prerequisite: Administration determines placement)
This course stresses the use of linear equations and inequalities to represent real-world data. The student's knowledge is further enhanced through an introduction to quadratic, polynomial, exponential, and rational functions. A graphing calculator is required for this course.

(413) Algebra 1 College Prep 2 **Year** **1 Credit**
(Prerequisite: Administration determines placement)
This course is similar to Mathematics 412; it is differentiated by presentation, book, and difficulty.

(421) Geometry Honors **Year** **1 Credit**
(Prerequisite for freshmen: Administration determines placement. Students should have successfully completed a full year of Algebra 1 at the honors level in Grade 8)
(Prerequisite for sophomores: Math 411—Algebra 1 Honors)
This course introduces students to deductive reasoning and logical problem solving. Topics include angles, perpendicular and parallel lines, congruent and right triangles, similar polygons, area and volume of polygons and solids. Other topics include coordinate geometry and transformations.

(422) Geometry College Prep 1 **Year** **1 Credit**
(Prerequisite for freshmen: Administration determines placement. Students should have successfully completed a full year of Algebra 1 in Grade 8)
(Prerequisite for sophomores: Math 412—Algebra 1 College Prep 1; or Math 413—Algebra 1 College Prep 2 with a recommended minimum final average of 90 and recommendation of the Algebra 1 College Prep 2 teacher)
This course is similar to Math 421; it is differentiated by presentation, book, and difficulty.

(423) Geometry College Prep 2 **Year** **1 Credit**
(Prerequisite: Math 413—Algebra 1 College Prep 2; or Math 412—Algebra 1 College Prep 1)
This course is similar to Math 422—Geometry College Prep 1; it is differentiated by presentation, book, and difficulty.

(431) Algebra 2 and Trigonometry Honors **Year** **1 Credit**
(*Prerequisite: Math 421 – Geometry Honors*)
This course focuses on the study of linear, quadratic, exponential, logarithmic, and trigonometric functions. Within this context, properties of polynomials, rational expressions, radicals, and complex numbers are explored. Additional topics include matrices, conic sections, sequences, series, and combinatorics. A graphing calculator is required for this course.

(432) Algebra 2 College Prep 1 **Year** **1 Credit**
(Prerequisite: Math 422—Geometry College Prep 1; or Math 423—Geometry College Prep 2 with a recommended minimum final average of 90 in both Geometry College Prep 2 and Algebra 1 College Prep 2 and recommendation of the Algebra 1 College Prep 2 teacher)
This course is a study of functions - linear, quadratic, exponential, and logarithmic functions with focus on graphing and applications. It also includes matrices, equations, systems of equations, the complex number system, and abstract exercises useful for SAT preparation. A graphing calculator is required for this course.

(433) Algebra 2 College Prep 2 **Year** **1 Credit**
(Prerequisite: Math 423—Geometry College Prep 2; or Math 422—Geometry College Prep 1)
This course is a review of Algebra I and introduces the student to quadratic equations, rational expressions, word problems, graphing, exponents, and radicals. The student is also given assignments to specifically prepare for SAT test taking. A graphing calculator is required for this course.

(441) Pre-Calculus Honors **Year** **1 Credit**
(Prerequisite: Math 431—Algebra 2 & Trigonometry H; or students with a minimum final average of A (93) in Algebra 2 College Prep 1 who elect Math 441 must complete significant independent summer work)
This course studies functions as models of change. It focuses on a thorough knowledge of functions – linear, exponential, logarithmic, trigonometric, polynomial, and rational – their graphs, and their uses as models for real world situations. It also includes additional pre-calculus topics, such as limits, as time permits. A graphing calculator is required for this course.

(4042) Pre-Calculus College Prep 1 **Year** **1 Credit**
(Prerequisite: Math 432—Algebra 2 College Prep 1 with a recommended final average of B (85) or a required final average of B- (80)) This course is similar to Pre-Calculus Honors; it is differentiated by presentation and difficulty. A graphing calculator is required for this course.

(4441) Statistics Honors **Year** **1 Credit**
(Prerequisite: Math 431—Algebra 2 & Trigonometry Honors)
This is an introductory course in statistics with an emphasis on statistical thinking that prepares a student for a college level statistics course. Applications to various fields are used to explore statistical ideas and reasoning. Students have opportunities to investigate, discuss and make use of statistical ideas and methods. A graphing calculator is required for this course.

(4442) Statistics College Prep 1 **Year** **1 Credit**
(Prerequisite: Math 432—Algebra 2 College Prep 1 with a minimum final average of B- (80))
This course follows the curriculum of the Statistics Honors course. Assessments are modified.

(4403) Applications of Mathematics College Prep 1 Semester .5 Credit

(Prerequisite: Math 432—Algebra 2 College Prep 1 or Math 433—Algebra 2 College Prep 2) Open to seniors.

Students use the technology of graphing calculators, computer application programs, the internet, and spreadsheets to investigate real life applications of mathematics. Students model applications using linear and exponential functions in Excel/Google Sheets and present their findings in portfolios requiring Word/Google Docs and Excel/Google Sheets documents. Probability and statistics are used to explore and analyze data. A unit on practical financial knowledge is also included. Portfolios are used in addition to traditional methods of assessment.

(442) Personal Financial Literacy College Prep 1 Semester .5 Credit

(Prerequisite: Math 432—Algebra 2 College Prep 1 or Math 433— Algebra 2 College Prep 2) Open to seniors.

This course introduces students to the study of personal finance. Topics include income, money management, spending and credit, and saving and investing. Students must be able to access the Internet outside of class to complete assignments and research topics.

(4531) Statistics Advanced Placement Year 1 Credit

(Prerequisite: Math 431 – Alg2/Trig Honors with a minimum final average of a (A-) 90 or Math 432 – Algebra 2 College Prep 1 with a minimum final average of a 95)

This course covers all topics outlined for Statistics in the AP College Board course description and is equivalent of a one semester, introductory college statistics course. In this course, students develop strategies for collecting, organizing, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in this course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. A graphing calculator is required for this course. Students will need to complete summer assignments. All students are required to take the College Board Advanced Placement Exam in the Spring. The AP Exam fee is not included in the Lauralton Hall tuition and is billed in the fall. Based on enrollment, this course may be offered online.

(4551) Calculus Advanced Placement AB Year 1 Credit

(*Prerequisite: Math 441- Pre-Calculus Honors taken at Lauralton Hall with a minimum final average of B (85) or an approved summer Pre-Calculus Class taken at a college or university*.

This course covers all topics outlined for Calculus AB in the AP College Board course description. Topics include concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections between them. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. Students will need to complete summer assignments. All students are required to take the College Board Advanced Placement Exam in the Spring. The AP Exam fee is not included in the Lauralton Hall tuition and is billed in the fall.

(4561) Calculus Advanced Placement BC Year 1 Credit

(Prerequisite: Math 441—Pre-Calculus Honors taken at Lauralton Hall with a minimum final average of A (93).)

This course covers all topics outlined for Calculus BC in the AP College Board course description. The material covered is similar to two semesters of college-level calculus, and includes differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, plus polar equations, differential equations, and infinite series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. Students will need to complete summer assignments. All students are required to take the College Board Advanced Placement Exam in the Spring. The AP Exam fee is not included in the Lauralton Hall tuition and is billed in the fall. Based on enrollment, this course may be offered online.

(4451) Advanced Placement Computer Science Principles Year 1 Credit

(Prerequisites: Math 431 – Alg2/Trig Honors or minimum final average of B (83) in Math 432 – Algebra 2 College Prep 1)

This course introduces students to computer science and the art of programming. While exploring how computing and technology can impact the world, the students will learn how to think algorithmically and solve problems efficiently. Problem sets will be inspired from various fields and use different languages (including C and Python). This is a rigorous course designed for students with or without prior programming experience. Students will need to complete summer assignments. All students are required to take the College Board Advanced Placement Exam in the Spring. The AP Exam fee is not included in the Lauralton Hall tuition and is billed in the fall.

Guidance Department Seminar Descriptions

All students are required to take all four seminars

(6889) First Year Experience **Year** **.25 Credit**

Required of freshmen

Lauralton Hall recognizes the importance of strengthening students' connections to their school community and laying the foundation for student success during their first year. Freshman year brings challenges that require students to learn and develop the skills needed to negotiate their new environment and discover a successful pathway to their future that fits their talents and needs. The First Year Experience (FYE) course will address academic and personal dimensions of student development. A comprehensive set of educational programs will include a focus on practical competencies (time management, study skills, leadership skills, access to school resources), emotional wellness (stress management, healthy relationships, mental health, social media), physical health (substance abuse, nutrition, exercise, team building), and academic planning (Four- Year Plan, college & career, Naviance, scheduling). This learning- centered experience encourages students to take ownership of their plans and develop solid goals for their education, while making an empowered transition to the LH community of learners and compassionate stewards of our Mercy tradition. This seminar is required of freshmen and meets once a cycle.

(6810) Financial Intelligence **Semester** **.25 Credit**

Required of sophomores

This class meets once during the eight-day cycle. The goal of this course is to help students gain financial acumen that will help them in their personal and professional life for decades to come. Students will understand the repercussions of financial decisions they make and improve their financial independence, eschewing debit while investing wisely. Topics presented will grant them the lifelong confidence to engage in financial discussions and pose questions.

(6882) Guidance 11 **Semester**

Required of juniors

Junior Guidance Seminars are scheduled during the second semester as part of the academic schedule. This seminar meets once during the eight-day cycle. All topics covered in seminar are also addressed with students in one-on-one meetings with their College Counselor. Seminar topics for Junior year include the following: Introduction to Junior Guidance Seminar/ Naviance: Building a College List, Application Deadlines, and the different components that go into a solid college application/ Standardized Testing and Timeline (College Planning Timeline)/ Grade 12 Course Selection Seminar/ Career Exploration, College Major Exploration/Resume Seminar/ College Essay Questions & Mock Interview Seminar/ Majors and Careers/Teacher Recommendation Letters & Summer To Do List Seminar.

(6891) Guidance 12 **Semester**

Required of seniors

Senior Guidance Seminars are scheduled throughout the first semester over the course of a two- day period. Attendance is mandatory. All topics covered in seminar are also addressed with students in one-on-one meetings with their College Counselor. Seminar topics for Senior year include: Introduction to Senior Seminar/ Updating College List/ Review the Importance of a Solid Application/ Review Deadlines and Student Responsibilities/ Common Application Bootcamp Seminar/ Transcript Request/ Early Decision Signing Seminar/ Financial Aid, CSS Profile & Scholarship Seminar/ Final Senior Seminar - Review of Next Steps, Request of First Quarter Grades for Early Action Institutions, and How to Make a Conscientious Decision in May.

RELIGIOUS STUDIES DEPARTMENT

All students are required to take four credits of high school Religion. All Religion classes are only offered on the College Prep 1 Level.

Service Requirement

Religion credit is dependent upon satisfactory completion of service hours.

Freshmen: Fifteen hours of community service.

Sophomores: Thirty hours of community service outside Lauralton Hall at one approved site.

Juniors/Seniors: Fifteen hours of community service each year, of which at least ten hours must be outside Lauralton Hall. Five hours may be served within the Lauralton Hall community.

(0102) Freshman Religion – The Bible & Jesus Christ **Year** **1 Credit**

Required of freshmen

Recognizing that incoming freshmen have varying degrees of familiarity with Catholicism, the year begins by orienting students to the basic beliefs and practices of Catholicism, especially as they pertain to Sacred Scripture. It does not assume any previous knowledge of the subject. This course begins with an exploration of both Divine and Natural Revelation, inspiration, and Biblical interpretation. The remainder of the first semester focuses on an introduction to Sacred Scripture and the unfolding of salvation history in the Old Testament. Students will come to know the people of salvation history as well as the role of the Scriptures in the life of faith for the individual and for the entire Church. The second half of the year focuses largely on Jesus Christ and the New Testament, providing an in-depth study of Jesus Christ, the Second Person of the Trinity, as well as Mary, Mother of Christ. Students will work towards a deeper understanding of Divine Revelation, the Trinity, and salvation through the life and teachings of Jesus.

(0202) Sophomore Religion – The Paschal Mystery & The Church **Year** **1 Credit**

Required of sophomores

The goodness of creation, original sin, and the promise of a Messiah are the starting points for this year, which explores our salvation through the life, suffering, death, Resurrection, and Ascension of Jesus Christ. The course also explores how the Paschal Mystery impacts our daily lives, our prayer, and our participation in the life of the Church. After an in-depth look at the Paschal Mystery, the second half of the year will provide students with an overview of the Catholic faith in an effort to deepen our awareness of what it means to be a people of God. The mission, identity, structure, and origin of the Church are explored. Special emphasis is placed on the different responses required of all members of the church, including the laity, the clergy, the hierarchy, and those in religious life. They will also engage in a discussion of the seven sacraments and the global presence of the Church as a light to all people.

(0302) Junior Religion **Year** **1 Credit**

Required of juniors

First semester Junior Religion focuses on morality: how a relationship with Christ and the Church can lead to choices that are in accord with God's plan. It emphasizes the way that choices (both large and small), habits, and patterns of behavior affect the student's relationships with God and others. Course topics include happiness, virtues, vices, love, sin, honesty, sexuality, and more. Activities in class help students come to a better understanding of how attentiveness to these areas of human development serves as a basis for sound moral decision making.

Second semester focuses on social justice, the Christian call to peace and justice that stems from the life and teachings of Jesus and the principles of Catholic Social Teaching. The goal of the course is to empower students to promote the Reign of God in the world today as compassionate disciples and thoughtful citizens capable of eliminating injustice. After a brief overview of the history of Catholic Social Teaching, the class explores local and global issues, including discrimination, poverty, and a consistent ethic of life, in relation to the principle of the life and dignity of the human person. Special attention is paid to the way that the individual's choices impact the common good.

(0402) Senior Religion **Year** **1 Credit**

Required of seniors

As the culminating course in the religion curriculum, Women of Religious Diversity examines the universal questions that underlie the world's major religious traditions while investigating the lives of the women within them. Students will study the unique contributions of females such as Hildegard (Christianity), Malala (Islam), and Saraswati (Hinduism). Students will discover the vast contributions these women brought about in their respective religions while being a model for the students in their own faith and life journeys. This course teaches an appreciation of diversity and respect for women as well as the values of their religious traditions.

SCIENCE DEPARTMENT

All students are required to take a minimum of three credits of high school science; most students take four credits, and some students take five credits.

Students must have a minimum final average of A (93) to move from College Prep 1 to Honors. To remain in an Honors level course, students must maintain at least a B- (80) average. As the concepts in Science and Math often coincide and reinforce each other, the department suggests that students parallel their level in Math.

Lauralton Hall follows the PCB sequence for Science (Physics, Chemistry, and Biology). The department views this as the most effective way to impart an understanding of science and naturally build upon the knowledge learned from the previous year. Basic Physics principles are easily understood when related to real world activities. It is the job of the Physics teacher to translate this innate understanding into mathematical concepts (which is reinforced by most students taking Algebra concurrently). As sophomores, students are now confident in the manipulation of algebraic formulas and are ready to use those skills in Chemistry. This mathematical assurance allows them to focus on understanding the more abstract concepts in Chemistry, such as atomic structure, electronegativity, and chemical reactivity. As juniors, they are well versed in chemical reactions and can understand the true basis of biology –that everything in life is a complex and tightly controlled series of chemical reactions. Students can genuinely understand modern biology and current research, which focuses on a combination of fields including molecular biology, biochemistry, and biostatistics. Science builds upon itself and every discipline interweaves with every other, with Physics, Chemistry, and Biology forming the foundation of all other iterations. Therefore, we feel strongly that students need to take all three of these courses to form a solid foundation before they begin to specialize by taking electives. **All required department courses must be taken before (or concurrently if a Junior enrolled in Honors Cellular and Molecular Biology choses to take a second science course) taking electives.**

(5111) Newtonian Physics Honors — Year — 1 Credit

(Prerequisite: Math 411—Algebra Honors or Math 421—Geometry Honors taken concurrently. Due to the math requirements in physics, students parallel their level in math for this course)
This course is an algebra-based introduction to the foundations of physics. Areas of study include classical physics: kinematics, dynamics, gravitational attraction, energy, momentum, collisions, rotational motion, static equilibrium, and harmonics. The laboratory requirement emphasizes real-life applications of these physics concepts through hands-on activities, virtual and actual demonstrations.

(5122) Newtonian Physics College Prep 1 — Year — 1 Credit

(Prerequisite: Math 412—Algebra1 College Prep 1 or Math 422—Geometry College Prep 1 taken concurrently. Due to the math requirements in physics, students parallel their level in math for this course)
This course is an algebra-based introduction to the foundations of physics. Areas of study include classical physics: kinematics, dynamics, gravitational attraction, energy, momentum, collisions, and static equilibrium. The laboratory requirement emphasizes real-life applications of these physics concepts through hands-on activities, virtual and actual demonstrations.

(5123) Newtonian Physics College Prep 2 — Year — 1 Credit

(Prerequisite: Math 413—Algebra 1 College Prep 2 taken concurrently. Due to the math requirements in physics, students parallel their level in math for this course)
This course is identical in content to the Newtonian Physics College Prep 1 course (5122) with a greater emphasis on vocabulary and individualized instruction. Inquiry and experimental activities reinforce key concepts and skills.

(5231) Chemistry Honors **Year** **1 Credit**

(Prerequisite: Science 5111—Physics Honors. Due to the math requirements in chemistry, the department highly recommends that students parallel their level in math for this course)

This accelerated chemistry course is designed to be the equivalent of the first semester general chemistry course for science majors taken during the first year of college. Students successfully completing this course will have an exceptional understanding of the fundamentals of chemistry and achieve proficiency in solving chemical problems. This course will contribute to the development of each student's ability to think critically and to express her ideas, in both oral and written fashion, with clarity and logic. Students must be disciplined, self-motivated and industrious. Students will be able to quantitatively and qualitatively describe matter and its changes by applying concepts of liquids, solids, gases, solutions, chemical reactions, atomic theory, chemical bonding, and stoichiometry.

(5232) Chemistry College Prep 1 **Year** **1 Credit**

(Prerequisite: Science 5122—Physics College Prep 1. Due to the math requirements in chemistry, the department highly recommends that students parallel their level in math for this course)

This course is a study of the structure and interaction of matter. Topics covered include formula writing, chemical bonding, chemical equations, nomenclature, atomic theory, gases and acids and bases. Emphasis is placed on reinforcement and understanding through multiple tools, such as critical thinking, problem solving, written and oral expression and collaboration. Labs provide for the observation and study or chemical processes.

(5233) Chemistry College Prep 2 **Year** **1 Credit**

(Prerequisite: Science 5123—Physics College Prep 2. Due to the math requirements in chemistry, the department highly recommends that students parallel their level in math for this course)

This course is identical in content to the Chemistry College Prep 1 course (5232) with a greater emphasis on vocabulary and individualized instruction. Inquiry and experimental activities reinforce key concepts and skills.

(5311) Cellular and Molecular Biology Honors **Year** **1 Credit**

(Prerequisite: Science 5231—Chemistry Honors)

This course is equivalent to the first semester of an introductory College course in General Biology for Biology majors with emphasis on Molecular Biology, Cellular Biology and Biochemistry and a brief introduction into Genetics and Evolution. The goal is to utilize mastery learning to assist young people to become avid, self-motivated learners. Students who have not shown mastery for a particular unit will receive feedback and support in reaching mastery through guided enrichment projects. Critical thinking and problem-solving skills are emphasized through the analysis of real-world problems. The utilization of mathematical and laboratory skills and concepts learned in Chemistry Honors is emphasized. Participation in discussion and proficiency in analytical scientific writing are expected. Concepts presented in lecture are reinforced in one lab per unit.

(5332) Cellular & Molecular Biology College Prep 1 **Year** **1 Credit**

(Prerequisite: Science 5232—Chemistry College Prep 1)

This course provides a comprehensive exploration of the structural details and molecular functions of the eukaryotic cell. Eukaryotic cells make up all animal, plant, and fungal organisms. Topics covered in this course include intermembrane transport, cellular respiration, protein synthesis, cell cycle and cancer, and Mendelian genetics. In addition, emphasis is placed on inquiry and experimental approaches to foster deeper thinking and problem-solving skills crucial to scientific endeavors.

(5333) Cellular & Molecular Biology College Prep 2 **Year** **1 Credit**

(Prerequisite: Science 5233—Chemistry College Prep 2)

This course is identical in content to the Cellular & Molecular Biology College Prep 1 (5332) with a greater emphasis on vocabulary and individualized instruction. Inquiry and experimental activities reinforce key concepts and skills.

(5511) Advanced Biology Honors – UConn Course # BIOL1107 Principles of Biology 1 **Year** **1 Credit**

(Prerequisite: Science 5311—Biology Honors or a minimum final average of A- (90) in Science 5332 Biology College Prep 1) Open to seniors.

This course is the equivalent of the UConn Biology course. Students may receive 4 UConn credits for course completion (with a C average or higher). The course is designed to provide a foundation for more advanced courses in Biology and related science. Topics covered include molecular and cell biology, animal anatomy, and physiology.

(5401) Physics Advanced Placement - AP PHYSICS 1 **Year** **1 Credit**

(Prerequisites for seniors: Math 431—Alg2/Trig Honors or Math 432—Alg2 College Prep 1 and a minimum final average of B- (80) in Science 5111—Physics Honors or B+ (87) in Science 5122—Physics College Prep 1)
(Prerequisites for juniors: currently enrolled in or have completed Math 431—Alg2/Trig Honors and a minimum final average of B-+ (80) in Science 5111—Physics Honors or B+ (87) in Science 5122— Physics College Prep 1)

As part of the advanced placement program, AP Physics 1 is equivalent to a first semester college course covering Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and simple harmonic motion. It also introduces electric circuits. Students will deepen their mastery of concepts learned in Physics Honors and College Prep 1. Concepts presented in lecture are reinforced in R&D projects, open-ended experiments, and demonstrations to cover lab work included on the advanced placement exam. Students will need to complete summer assignments. All students are required to take the College Board Advanced Placement Exam in the Spring. The AP Exam fee is not included in the Lauralton Hall tuition and is billed in the fall.

(5421) Anatomy and Physiology Honors **Year** **1 Credit**

(Prerequisite: Science 5311—Biology H)
Open to seniors.

This advanced biology course is designed for students planning to major in science or enter a premedical program. The course consists of a detailed study of the structure and function of the human systems and stresses biochemical mechanisms. Lab work is reinforced with lab practical exams. Dissection, virtual dissection, and data-collection technology by all students is required.

(5422) Anatomy and Physiology College Prep 1 **Year** **1 Credit**

(Prerequisite: Minimum final average of C+ (77) in Science 5332—Biology College Prep 1, or minimum final average of A- (90) in Science 5333—Biology College Prep 2)
Open to seniors.

This course is designed for students with an interest in continuing their study of biology, or students who plan to major in an allied health field. The course concentrates on the function of the human systems with an emphasis on homeostasis and regulation. Lab work reinforces concepts presented in class and is designed to relate body structure and function. Virtual dissection and data-collection technology is explored, and actual dissection is required by all students.

(5531) Introduction to Forensic Science (Honors) Year 1 Credit

(Prerequisite for seniors: Science 5311—Biology H. Prerequisite for juniors: must be currently enrolled in Science 5311- Biology Honors)

Open to seniors and juniors.

This flipped classroom, lab-driven, advanced forensic science course is the application of science to the examination of physical evidence obtained in the investigation of a crime scene. In this course, you will engage in forensic lab techniques to help interpret evidence left at a crime scene. This course covers many topics such as crime scene analysis, collection of physical evidence, DNA analysis, blood typing and spatter analysis, fingerprint analysis, hair and fiber analysis, and pathology. Classroom activities include learning and laboratory exercises that emphasize the role of forensic science within the criminal justice system, as well as individual check-ins monitoring student progress. When possible, guest lectures by forensic professionals supplement the class.

(5532) Introduction to Forensic Science College Prep 1 Year 1 Credit

(Prerequisite: Science 5332—Biology College Prep 1 or Science 5333- Biology College Prep 2) Open to seniors.

This flipped classroom, lab-driven, advanced forensic science course is the application of science to the examination of physical evidence obtained in the investigation of a crime scene. In this course, you will engage in forensic lab techniques to help interpret evidence left at a crime scene. This course covers many topics such as crime scene analysis, collection of physical evidence, DNA analysis, blood typing and spatter analysis, fingerprint analysis, hair and fiber analysis, and pathology. Classroom activities include learning and laboratory exercises that emphasize the role of forensic science within the criminal justice system, as well as individual check-ins monitoring student progress. When possible, guest lectures by forensic professionals supplement the class.

(5441) Environmental Science Advanced Placement Year 1 Credit

UConn Course Number NRE 1000 Environmental Science

(Prerequisite for seniors or juniors: Minimum final average of B+ (87) in most recent Honors level science course or minimum final average of A- (90) in most recent College Prep 1 level science course)

This course will prepare students for the AP environmental science exam. It is the equivalent of the UConn Introduction to Environmental Science course and carries the expected college course load. The course introduces various Earth systems and how humans influence and depend upon them. Sustainability is a central theme as students explore ecology, natural resource management, energy, pollution, human population dynamics, and climate change. An emphasis is placed on identifying and analyzing current environmental issues, evaluating the relative risks associated with these issues, and examining alternative solutions for resolving or preventing the issues. Students will need to complete summer assignments. All students are required to take the College Board Advanced Placement Exam in the Spring. The AP Exam fee is not included in the Lauralton Hall tuition and is billed in the fall.

(5481) Chemistry Advanced Placement **Year** **1 Credit**

(*Prerequisites for seniors and juniors: minimum final average of B+(87) in Science 5231—Chemistry Honors, or a minimum final average of 98 in Science 5232—Chemistry College Prep 1)*
(Prerequisite for sophomores: minimum final average of 97 in Science 5111 – Physics Honors and a minimum final average of 90 in Math 411-Algebra 1 Honors or 85 in Math 421- Geometry Honors)
The AP Chemistry course provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics and equilibrium. The course curriculum is compatible with many Chemistry courses in colleges and universities. This course requires that 25 percent of the instructional time provides students with opportunities to engage in laboratory investigations. The AP chemistry course differs qualitatively from sophomore chemistry with respect to chemical calculations and mathematical formulation of principles, and the kind of laboratory work done by students. Quantitative differences appear in the number of topics treated and the time spent on the course by students. Students will need to complete summer assignments. All students are required to take the College Board Advanced Placement Exam in the Spring. The AP Exam fee is not included in the Lauralton Hall tuition and is billed in the fall.

WORLD LANGUAGES DEPARTMENT

All students are required to take a minimum of two credits of high school world language; three or four credits are highly recommended.

After the second year of a language, students must have a minimum final average of A (93) to move from College Prep 1 to Honors. To remain in an Honors level course, students must maintain at least a B- (80) average.

LATIN

(712) Latin 1 College Prep 1 **Year 1 Credit**

This course introduces students to the Latin language. The objective of this course is to learn to comprehend, pronounce, read, and translate Latin. Other major objectives include a) increased knowledge of Roman history and culture, through discussion of authors and contexts of passages and stories. b) improved mastery of English grammar and vocabulary, through the study of Latin grammar, root words, prefixes, and suffixes, and c) general improvement of language and communication skills.

(721) Latin 2 Honors **Year 1 Credit**

(Prerequisite: A minimum final average of A- (90) in Latin 712—Latin 1 College Prep 1)

Latin II Honors is a continuation of the study of classical Latin using a reading approach to language acquisition. Students will learn more advanced grammar, vocabulary, and culture through reading about a Latin family and their experiences in 1st century A.D. Rome. Students will continue to build their English vocabulary by making connections between English words and their Latin roots. They will explore the influence of the ancient Romans on modern culture through history, art, and culture. This course prepares students to read authentic Latin texts in their third year of study.

(722) Latin 2 College Prep 1 **Year 1 Credit**

(Prerequisite: Latin 712—Latin 1 College Prep 1)

This course builds upon the knowledge and skills acquired in Latin 1, introducing students to more language, grammar, vocabulary, syntax and pronunciation of the Latin language, and the history and mythology of ancient Rome.

(731) Latin 3 Honors **Year 1 Credit**

(Prerequisite: Latin 721—Latin 2 Honors)

This course builds upon the knowledge and skills acquired in Latin 1 & 2, introducing students to more complex language, grammar, vocabulary, syntax and pronunciation of the Latin language, and the history and mythology of ancient Rome. Students apply language skills and cultural knowledge developed in Latin 1 & 2 to begin translating authentic Latin texts for the first time. Through careful translations of stories in Latin, students reinforce prior knowledge and gain exposure to the linguistic and thematic elements of Latin poetry that they will explore further in Levels 4 and AP. ancient world with our.

(732) Latin 3 College Prep 1 **Year 1 Credit**

(Prerequisite: Latin 722—Latin 2 College Prep 1)

This course follows the Latin 3 Honors curriculum with suitable modifications in assignments and assessments.

(741) Latin 4 Honors **Year 1 Credit**

(Prerequisite: Latin 731—Latin 3 Honors)

This course follows a simplified version of the AP Latin curriculum with suitable modifications in assignments and assessments.

(742) Latin 4 College Prep 1 **Year 1 Credit**

(Prerequisite Latin 732 - Latin 3 College Prep 1)

This course follows the Latin 4 Honors curriculum with suitable modifications in assignments and assessments.

(7501) Latin Advanced Placement **Year 1 Credit**

(Prerequisite: Latin 731—Latin 3 Honors with a minimum final average of A- (90)

Students in AP Latin study Latin literature, both poetry and prose, through their study of selections of Vergil's Aeneid and Pliny the Younger, as well as authors of different periods of Latin literature. Students continue to develop skills in reading comprehension, translation, contextualization, textual analysis and argumentation. Students expand their knowledge of Greco-Roman mythology, as well as the history and politics of the Late Roman Republic, while studying the vocabulary, grammar, syntax, meter, and literary devices within the texts. Students will read Latin aloud with attention to linguistic and metrical qualities. Assessments include quizzes and tests similar in format and scope to the AP Exam, as well as projects. This course follows the curriculum outlined by the College Board. AP Latin is approximately equivalent to an upper-intermediate (typically fourth- or fifth- semester) college or university Latin course. Students will need to complete summer assignments. All students are required to take the College Board Advanced Placement Exam in the Spring. The AP Exam fee is not included in the Lauralton Hall tuition and is billed in the fall.

FRENCH

(812) French 1 College Prep 1 **Year 1 Credit**

This course is designed to afford students practice in the vocabulary and grammatical structures needed to communicate in the situations they are most likely to encounter in everyday life. Interaction in the target language occurs among student as well as between student and teacher. All four language skills are introduced: reading, writing, listening and speaking. A multifaceted textbook series emphasizes vocabulary, sentence structure and culture in the Francophone world. By the end of the first-year students will be able to describe themselves, their likes and dislikes, their families, their classmates, food, pastimes, etc. Students will be able to use regular and irregular verbs and idioms in present tense.

(821) French 2 Honors **Year 1 Credit**

(Prerequisite: A minimum final average of A- (90) in French 812—French1 College Prep 1)

This course empowers the student to develop her previously acquired skills and to expand her aural and reading comprehension, as well as her proficiency in spoken and written French. The rich culture of many francophone countries is explored. More irregular verbs and complex grammar constructions are presented, and simple past tense is practiced; the imperfect tense is introduced.

(822) French 2 College Prep 1 **Year 1 Credit**

(Prerequisite: French 812—French 1 College Prep 1)

The curriculum of this course covers much of the same material as does French 821 but at a pace which reflects the learning styles and competencies of its students.

(831) French 3 H **Year 1 Credit**

(Prerequisite: French 821 – French 2 Honors)

This course is designed to advance the student's understanding of the French language and civilization. Exposure to a variety of oral and print contemporary French media, as well as fairytales, an intensive study of verb tenses and their usage, further development of reading comprehension skills and an understanding of complex grammatical structures will prepare the student to broaden and to perfect all four skills in French.

(832) French 3 College Prep 1 **Year 1 Credit**

(Prerequisite: French 822 – French 2 CP)

The curriculum of this course covers much of the same material as does French 831 but at a pace which reflects the learning styles and competencies of its students.

(88851) French Language and Culture Advanced Placement **Year 1 Credit**

(Prerequisite: French 831— French 3 H with a minimum final average of A (95) or French 841—French 4 H with a minimum final average of an A- (90))

AP French Language and Culture is designed to provide deeper understanding and broader application of the French language. By the end of this course, students are able to interpret and discuss historical and cultural topics, as well as current events pertaining to the various communities that exist in the Francophone world. Students explore six themes throughout the course: personal and public identities, families and communities, global challenges, science and technology, contemporary life, and beauty and aesthetics. Students use information from a wide range of sources to engage in learning, discussion, and analysis activities as they deepen their understanding and confidence in the grammatical structures of the language. Throughout the year, students engage in reading, writing, speaking, and listening activities and assessments. Students are expected to delve deeply into the topics, take AP-style assessments, and prepare for the AP® French Language and Culture Exam. The AP Exam fee is not included in the Lauralton Hall tuition and is billed in the fall.

SPANISH

(912) Spanish 1 College Prep 1 **Year 1 Credit**

This course will introduce the basic elements of the Spanish language, as well as the important aspects of the culture and history of Latin America countries and Spain. This course will prepare students to be ready to develop the four language skills: speaking, listening, reading, and writing for the upcoming levels of the Spanish language. At the end of the first year in Spanish, students will be able to communicate and express feelings, desires, and descriptions, etc. Students will also be able to form sentences and conjugate regular and irregular verbs in the present tense, as well as recognize the different parts of a sentence.

(913) Spanish 1 College Prep 2 **Year 1 Credit**

This course follows the curriculum of the Spanish 1 College Prep 1 with suitable modifications on assessments.

(921) Spanish 2 Honors **Year 1 Credit**

(Prerequisite: A minimum final average of A- (90) in Spanish 912—Spanish 1 College Prep 1)

This course briefly reviews the grammar and vocabulary presented in Spanish 1 and introduces the student to some of the more complex structures of the language. Primarily taught in the target language, particular focus is placed on augmenting listening and speaking skills, with emphasis on forming questions and responses in Spanish, as well as expressing oneself with more detail both orally and in writing. Students will continue to augment their reading comprehension skills in the form of reading short stories, plays, and advertisements, among others. An understanding and appreciation of Hispanic culture is explored through various topics such as travel, clothing and fashion, daily routines, food, and dining traditions.

(922) Spanish 2 College Prep 1 **Year 1 Credit**

(Prerequisite: Spanish 912—Spanish 1 College Prep 1)

This course briefly reviews the grammar and vocabulary presented in Spanish 1 and introduces the student to some of the more complex structures of the language. Primarily taught in the target language, particular focus is placed on augmenting listening and speaking skills, with emphasis on forming questions and responses in Spanish. Students will continue to augment their reading comprehension skills in the form of reading short stories, plays, and advertisements, among others. An understanding and appreciation of Hispanic culture is explored through various topics such as travel, clothing and fashion, daily routines, food, and dining traditions.

(923) Spanish 2 College Prep 2 **Year 1 Credit**

This course follows the curriculum of the Spanish 1 College Prep 1 with suitable modifications on assessments.

(931) Spanish 3 Honors **Year 1 Credit**

(Prerequisite: Spanish 921—Spanish 2 Honors)

The purpose of this course is to develop skills acquired by the students during the first two years with emphasis on increasing vocabulary and understanding of more complex grammar. Students will learn vocabulary relating to such topics as health, technology, the home and environment and nature. Conversational skills stress originality and fluency, and writing skills are developed to include essays. Included in this course are comprehension and appreciation of some authentic works of 20th century Hispanic authors and the culture of various Spanish-speaking countries, with some literary analysis.

(932) Spanish 3 College Prep 1 **Year 1 Credit**

(Prerequisite: Spanish 922—Spanish 2 College Prep 1)

In this course grammar of Spanish 1 and 2 is reviewed and new grammar is introduced. Short readings serve to develop skills and vocabulary, as well as familiarize students with people, places, events, and cultures of the Spanish-speaking world.

(941) Spanish 4 Honors **Year 1 Credit**

(Prerequisite: Spanish 931—Spanish 3 Honors)

This is an advanced course taught in the target language, with the exception of administrative communication as well as particularly difficult grammar structures. The goal of this course is to increase the level of proficiency of the four language skills (reading, writing, listening, and speaking) while reviewing advanced grammar. The course will introduce students to the six integrating themes: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics which are covered in the AP Spanish Language and Culture course, but on a more simplified level. Students in Spanish 4 Honors will understand the importance of becoming members of a diverse and increasingly global society.

(942) Spanish 4 College Prep 1 **Year 1 Credit**

(Prerequisite: Spanish 932—Spanish 3 College Prep 1)

This course, taught primarily in the target language, is designed for further development of advanced grammar structures, reading, writing, and conversational skills, as well as understanding and an appreciation of Hispanic culture. The course will include readings about Spanish and Spanish-American history, art and culture, 20th century short stories by famous Hispanic authors and a basic introduction to the six integrating themes. Grammar is reviewed as necessary.

(9501) Spanish Language Advanced Placement **Year 1 Credit**

(Prerequisite: Spanish 931—Spanish 3 Honors with a minimum final average of A (95) or Spanish 941— Spanish 4 Honors with a minimum final average of A- (90))

The AP Spanish Language and Culture course has been designed to provide advanced high school students with a rich and rigorous opportunity to study the language and culture of the Spanish-speaking world that is approximately equivalent to an intermediate college or university Spanish course. Students will hone their language and critical thinking skills to analyze and interpret authentic written and oral texts, create and defend their own viewpoint on various topics, and compare cultural aspects both within the Spanish-speaking world and with their own lives. The course will integrate the six themes of the AP Exam. Students are required to take the Advanced Placement examination in the spring. All students are required to take the College Board Advanced Placement Exam in the Spring. The AP Exam fee is not included in the Lauralton Hall tuition and is billed in the fall.

CHINESE

(7612) Chinese 1 College Prep 1 **Year 1 Credit**

This course is an introduction to Mandarin Chinese language and culture. Using the *Go Far with Chinese* textbook series, students will build essential skills in listening, speaking, reading, and writing. They will learn the basics of Chinese, including pronunciation, tones, pinyin, and simple Chinese characters. Students will learn how to greet others, introduce themselves, talk about family, sports, hobbies, and daily activities. They will also practice useful real-life tasks such as shopping, ordering food, and celebrating birthdays. Cultural topics—such as Chinese names, family traditions, sports, music, shopping habits, and holiday foods—are included to help students better understand life in the Chinese-speaking world. By the end of the course, students will be able to hold simple conversations, read basic texts, and show an understanding of important cultural practices. Following ACTFL standards, most students will reach the Novice Mid to Novice High proficiency level.

(7621) Chinese 2 Honors **Year 1 Credit**

(Prerequisite: A minimum final average of A- (90) in Chinese 7612—Chinese 1 College Prep 1)

Chinese 2 builds on the skills learned in the first year and introduces students to daily life, culture, and traditions in China through themes such as food, travel, school life, health, and student activities. Students will learn to recognize and use more vocabulary and sentence patterns to talk about meals, describe tourist attractions, make comparisons, share opinions, and discuss everyday routines. Cultural learning is included throughout the course. Students will compare Chinese and American schools, student clubs, and health habits to deepen their understanding of both cultures. The class continues to focus on communication, especially listening and speaking, while reading and writing grow through short texts and guided practice.

By the end of Chinese 2, students will be able to communicate more confidently about common topics and will have a stronger understanding of how people live, study, and travel in the Chinese-speaking world.

(7662) Chinese 2 College Prep 1 **Year 1 Credit**

(Prerequisite: Chinese 7612 – Chinese 1 College Prep 1)

This course follows the curriculum of the Chinese 2 Honors course with suitable modifications on assessments.

(7631) Chinese 3 Honors **Year 1 Credit**

(Prerequisite: Chinese 7621 Chinese 2 Honors)

In Chinese 3, students will expand their language skills through chapters that connect real-life communication with meaningful cultural topics. Students will learn to introduce themselves in culturally appropriate ways, describe past and current activities, make comparisons, talk about their experiences, and share opinions with more detail. They will also learn how to show polite behavior when visiting others, plan events, and discuss actions in relation to time and results. Throughout the course, students will explore themes such as school life, celebrations, traditional performances, communication, transportation, history, food culture, and shopping in Xi'an. By the end of the year, students will be able to express themselves with greater accuracy, understand more complex grammar structures, and gain a deeper understanding of Chinese traditions and daily life.

(7641) Chinese 4 Honors **Year 1 Credit**

(Prerequisite: Chinese 7621-Chinese 3 Honors)

In Chinese 4, students will continue to build higher-level language skills while exploring more in-depth cultural and social topics from the Chinese-speaking world. Students will read longer texts, express detailed opinions, and discuss abstract ideas with more clarity. They will learn to explain reasons, compare different viewpoints, and communicate about past, present, and future events with greater accuracy. Students will also explore topics such as modern life in Chinese cities, traditional and contemporary arts, cultural values, social relationships, and global issues. Through projects, discussions, and real-world tasks, students will strengthen their ability to understand authentic materials and use Mandarin confidently in more complex situations.

(7651) Chinese Literature: Poetry Honors **Year 1 Credit**

This course, designed for native speakers, will help students build a deep understanding of Chinese poetry and strengthen their analytical and creative skills. Through reading and studying classical and modern poems, students will explore key features of Chinese poetry, including imagery, rhythm, tone, and symbolic meaning. They will also learn about the historical development of Chinese poetry, major poetic forms, important literary periods, and representative poets. In addition to close reading and analysis, students will practice writing their own poems to develop personal expression and creativity. Through class discussions, group projects, and writing workshops, students will deepen their appreciation of Chinese poetic traditions and refine both their interpretive and writing abilities.

(7652) Chinese Literature: Poetry College Prep 1 **Year 1 Credit**

This course follows the curriculum of the Chinese Literature Honors course with suitable modifications on assessments.

Enrichment Programs

The following opportunities are available for students to earn additional nonacademic credit. Students are awarded credit in June if all responsibilities are met.

Jazz Orchestra **Year** **.5 credit**

Open to freshmen, sophomores junior and seniors.

The Lauralton Hall Jazz Orchestra is an advanced performance ensemble open to all Lauralton students. Students do not have to be members of the Symphonic Orchestra to participate. The ensemble incorporates many different styles of music including Jazz, Blues, Swing, Pop, and Rock. Students will perform pieces that allow them to further interpret rhythms, harmony, and theory while also being introduced to improvisation. There are also opportunities for members to audition for solos within the songs. The ensemble performs at the Christmas and spring concerts, as well as the Great East Music Festival in May. Attendance at performance s is mandatory. Rehearsals take place during regular school hours and occasionally during the Common Time period.

Lauralton Hall United Percussion **November to May** **.5 credit**

Open to freshmen, sophomores, juniors, and seniors.

Lauralton Hall United Percussion is a competitive percussion ensemble based out of Lauralton Hall. This unique group also incorporates students from other middle and high schools from Fairfield and New Haven counties. The ensemble competes against other groups in the Musial Arts Conference (MAC). The ensemble is comprised of percussionists, students who do not primarily play percussion instruments as well as students having little to no prior experience. The group also incorporates guitars, electric bass, strings, piano, color guard, theater actors and vocalists. The ensemble learns a 5–6-minute thematic show utilizing styles and music from Latin African, Pop, Jazz, Blues and Rock, Broadway, and movies. Students learn percussive techniques and musicianship in addition to collaborative and leadership skills. Mr. Allen has designed shows for and taught many of the top high school music programs and drum corps throughout the United States winning Regional, State, National, and World Championships. LH United begins in November with an Open House/Auditions and begins formal rehearsals in January. The ensemble competes at several MAC competitions in March and April (Saturdays), the Lauralton Hall Spring concert in April, and music festivals in May.

Youth & Government (YAG) **Year** **.25 credit**

Open to freshmen, sophomores, juniors, and seniors.

Youth & Government is a club at Lauralton Hall that immerses students in the Connecticut legislative process. Organized and run in conjunction with the YMCA of Hartford, students take on the role of state legislators and learn how to write a bill, practice parliamentary procedure, and simulate the committee process. In addition, students may also participate in the Press Corps or the Youth and Law competition at the state conference. Students travel to Hartford and the Capitol building in March for the State conference. Delegations from across CT assume the roles of Representatives, Senators, and state officers where they debate their final bills in the actual Capitol and Legislative Office Building. There is also an opportunity for the students to attend a national conference in North Carolina and a national law conference in Chicago, which are both in the summer. The club meets on the first, third and fourth Thursdays after school. There is a fee for the conference and bus transportation

Engineering Team **Year** **.25 credit**

Open to freshmen, sophomores, juniors, and seniors.

The Lauralton Hall Engineering Team collaborates with Sikorsky Aircraft Corporation in Stratford, CT, to participate in a year-long Science, Technology, Engineering, and Mathematics (STEM) Challenge. This competition pairs high school students with professional engineers, providing mentorship and real-world experience in solving engineering design problems. Students have the unique opportunity to consult with industry experts while developing their solutions, fostering 21st-century skills like creative thinking and problem-solving. Throughout the year, team members work in groups to prepare several interim progress reports for Sikorsky. The challenge culminates in a final presentation and prototype demonstration before an engineering committee. The team meets regularly on Monday and Thursday afternoons, as well as Wednesday mornings before school.