

Wilbur Cross High School

Home of the Governors



Course Catalog

2025-2026

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Course Offerings

At Wilbur Cross, our goal is to provide course schedules defined by a range of academic experiences that meet student interest, support students' path to graduation, and push them to higher levels of college and career readiness. As a comprehensive high school and the largest school in the city of New Haven, Cross enrolls students with incredibly diverse learner profiles, houses many unique programs and fosters vibrant partnerships that create opportunities for students both on and off campus. Our challenge is to match individual student interest within a program of course availability that is influenced by the critical factors of school budget resources, staffing capacity, and meeting the needs of all students regarding graduation requirements and support services mandates.

We have developed a process that we hope is transparent and helpful for parents and students to collaborate with their counselors and school administration in building the best schedule possible within these parameters. We encourage families to remain in conversation with their child, school counselor and case manager as the scheduling process remains dynamic throughout the spring and summer. During the time that the district finalizes our budget allocation and our staffing plan solidifies, we may have to make shifts. Our aim is to make those as minimal as possible and keep families informed throughout.

The course catalog outlines the courses that are on offer for requests. The course request process is not solidifying a schedule, but rather gathering the interests of students in order to build a schedule based on what we can build into the master schedule of classes for the following school year responsive to the needs of students and aligned with our personnel at Wilbur Cross and budget as outlined above.

All Wilbur Cross students are assigned a school counselor. Your child's school counselor plays an important role in gathering your child's course preferences and creating your child's schedule. During Marking Period 3, school counselors visit English classes to gather information from students regarding course preferences and to share information about courses required for Wilbur Cross High School Graduation.

English

English 1

Course Code: 107

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

This course focuses on developing analytical and critical reading, writing, speaking, listening, and viewing skills that are necessary for meeting Core Standards to become college and career ready. Students meet course objectives by studying texts from various literary genres and media that promote inquiry driven by the essential questions of each unit. Students will read at least three complete anchor texts of significant length along with

texts of literary worth. Performance tasks include writing memoirs, comparative analysis essays, definition argument essays, and speeches.

English 1 Honors

Course Code: 111

Prerequisites: Teacher recommendation

Quality Points: 4.5

Duration: Full Year

This course focuses on developing analytical and critical reading, writing, speaking, listening, and viewing skills that are necessary for meeting Core Standards to become college and career ready while exploring the patterns in literature. Students meet course objectives by studying texts from various literary genres and media that promote inquiry driven by the essential questions of each unit. Students will read at least four complete anchor texts of significant length along with texts of literary worth. Performance tasks include writing memoirs, comparative analysis essays, definition argument essays, and speeches.

English 1-SC

Course Code: 110

Prerequisites: Based on IA Programming

Quality Points: 4.0

Duration: Full Year

This course focuses on developing basic English language skills, such as: reading, writing, speaking, and listening for multilingual learners new to the United States. The course follows Connecticut Core Standards and CELF Standards and works on improving their English language level. Students will read 3-4 different novels, following 3-4 different unit plans throughout the 10 month school year. By the end of the school year, students will have had 3-4 final projects/essays based upon their reading. Performance tasks will evaluate students' English language level, and the goal is to improve the students' reading, writing, speaking, and listening levels by the time they reach June, the end of the school year.

English 2

Course Code: 115

Prerequisites: 10th Grade

Quality Points: 4.0

Duration: Full Year

English 2 encourages and challenges students to develop critical skills in thinking, speaking, reading and writing by engaging with complex ideas and texts. Students engage with a variety of fiction and non-fiction texts centered around clear thematic ideas each marking period. They learn how to engage with these texts in academic conversations by citing strong textual evidence to develop their own interpretations. Students will be assessed in their reading, writing and speaking skills through a variety of formal and informal assessments and will be required to produce several personal and argumentative essays. The course asks students to be active

participants in the learning community by using appropriate academic language and by reflecting on their growth as learners.

English 2 Honors

Course Code:

Prerequisites: 10th Grade

Quality Points: 4.5

Duration: Full Year

English 2 encourages and challenges students to develop critical skills in thinking, speaking, reading and writing by engaging with complex ideas and texts. Students engage with a variety of fiction and non-fiction texts centered around clear thematic ideas each marking period. They learn how to engage with these texts in academic conversations by citing strong textual evidence to develop their own interpretations. Students will be assessed in their reading, writing and speaking skills through a variety of formal and informal assessments and will be required to produce several personal and argumentative essays. The course asks students to be active participants in the learning community by using appropriate academic language and by reflecting on their growth as learners.

AP Seminar

Course Code: 1013

Prerequisites: Teacher recommendation, English 1, Grade 10

Quality Points: 5.0

Duration: Full Year

AP Seminar is an inquiry-based course that aims to engage students in cross-curricular conversations that explore real-world topics and issues from multiple perspectives. Students are empowered to collect and analyze information with accuracy and precision in order to craft and communicate evidence-based arguments. The AP Seminar course is centered around developing key research skills through diverse lenses (literature, philosophy, economics, politics, history). This inquiry will be explored through: reading (annotations, close text analysis); discussions (seminars, small group discussions, partner work); writing (entry and exit slips, timed in-class responses, formal and informal papers-argumentative, analytical, and synthesis). AP Seminar will aim to chisel the students' ability to critically look at the world around them by teaching them how to ask relevant questions, complete research using inquiry skills and relevant sources, and cite properly using MLA conventions. Students will propose and research their own themes as part of their two official AP Seminar Assessments. These assessments will be scored partially by the teacher, and partially by the College Board (details are listed further down in the syllabus) and will be uploaded in the Digital Portfolio on College Board. See further down for details. Overall, the AP Seminar is designed to turn students into introspective thinkers and independent learners through a rigorous course of study that combines research, inquiry, analysis, and writing with a purpose.

English 3

Course Code: 124

Prerequisites: 11th Grade

Quality Points: 4.0

Duration: Full Year

English 3 focuses on analysis and inquiry skills as well as argumentative and personal writing. Students are expected to engage in textual analysis of fiction and nonfiction text. Students also learn how to join academic conversations through peer-to-peer discourse and source-based argumentative writing. Course objectives are met by using various literary genres (novels, short stories, plays, poems, film, nonfiction articles, works of art and literary essays) that are selected to focus on American literature and American themes. Students are required to produce several argumentative essays, research-based projects, and a college admissions essay that demonstrate mastery of both higher level thinking and persuasive skills.

English 3 Honors

Course Code: 127

Prerequisites: 11th Grade, Teacher recommendation

Quality Points: 4.5

Duration: Full Year

English 3 focuses on analysis and inquiry skills as well as argumentative and personal writing. Students are expected to engage in textual analysis of fiction and nonfiction text. Students also learn how to join academic conversations through peer-to-peer discourse and source-based argumentative writing. Course objectives are met by using various literary genres (novels, short stories, plays, poems, film, nonfiction articles, works of art and literary essays) that are selected to focus on American literature and American themes. Students are required to produce several argumentative essays, research-based projects, and a college admissions essay that demonstrate mastery of both higher level thinking and persuasive skills.

AP Language & Composition

Course Code: 138

Prerequisites: English 1, English 2

Quality Points: 5.0

Duration: Full Year

AP English Language and Composition is a college-level course that “engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing.”

English 3 - SC

Course Code: 126

Prerequisites: Based on IA Programming

Quality Points: 4.0

Duration: Full Year

In English 3, students will be challenged to unpack identity, as individuals and global citizens, and think critically about the unique and complicated makeup of the United States of America. Students will walk away with a broader understanding of who they are, and will know that their voices, ideas, perspectives, and lives matter, and have the power to shape our shared future.

The content of the course is shaped by four essential questions:

How do our personal and social identities influence our perceptions and experience of the world?

How do we determine our values, ethics, belief systems?

In what ways can we become civically engaged to create a more just society and restore hope in our shared humanity?

What power can come from us speaking our truth?

English 4

Course Code: 130

Prerequisites: 12th Grade

Quality Points: 4.0

Duration: Full Year

English 4 focuses on developing analytical/critical reading, writing and viewing skills, increasing vocabulary levels, and improving study skills, which are necessary for students to be college & career ready. Course objectives are met by using various literary genres (novels, short stories, plays, poems, and essays) that are selected from British and World literature. Research skills, including the MLA Style of Documentation are reinforced. Emphasis is also placed on the preparation of the college essay, literary analysis, and creative writing.

English 4 Honors

Course Code: 132

Prerequisites: 12th Grade, Teacher recommendation

Quality Points: 4.5

Duration: Full Year

English 4 focuses on developing analytical/critical reading, writing and viewing skills, increasing vocabulary levels, and improving study skills, which are necessary for students to be college & career ready. Course objectives are met by using various literary genres (novels, short stories, plays, poems, and essays) that are selected from British and World literature. Research skills, including the MLA Style of Documentation are reinforced. Emphasis is also placed on the preparation of the college essay, literary analysis, and creative writing.

AP Lit & Composition

Course Code: 137

Prerequisites: English 1, English 2

Quality Points: 5.0

Duration: Full Year

AP English Literature and Composition is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works.

UConn ECE English 1004

Course Code: 3290

Prerequisites: 12th Grade, Teacher recommendation

Quality Points: 5.0

Duration: Full Year

This is an advanced high school English class meant to recreate the experience of a First Year Composition Course in college (but spread out across a whole school year instead of one semester). We focus on developing both Rhetorical and Critical Analysis skills, being able to compose written academic arguments that can succeed at the college level, along with student-directed research and discourse skills. Like many First Year Composition courses in college, ENG 1004 is themed. We will be learning about, and using, a critical understanding of class relationships in society to more deeply investigate and comprehend both complex and popular texts, and diving into the Labor Movement to develop our independent research skills. This is an ECE Course through the University of Connecticut. Students will earn college credit upon the successful completion of this course.

Creative Writing

Course Code: 154

Prerequisites: Elective, None

Quality Points: 4.0

Duration: Full Year

This is an elective course for students who enjoy reading and writing in a workshop setting. Students will read a wide variety of texts, from many genres. Focus will be on memoir and personal narrative, short story/fiction, poetry, and nonfiction and journal writing. Students will read and study the techniques and strategies used by successful writers in order to create a wide variety of written pieces, on a broad array of topics. Major writing will include personal narrative (here students will have the option to compose and revise college essays), short story, poetry, and journal writing. Much, though not all, of the work for the course will be done in the workshop; students will collaborate with each other and the teacher. Daily reading and writing, conferencing, peer editing of writing, informal talks about student work and relevant topics, and one-on-one meetings with the teacher will be integral parts of the class. Students are graded on the following: effort, participation, journals, writing workshop/working drafts, and final writing projects.

Read 180

Course Code: 100

Prerequisites: MAP testing score below 40

Quality Points: 4.0

Duration: Full Year

Read 180 is an intensive intervention course designed for students in grades 9-12 who require targeted support in reading comprehension, fluency, and vocabulary development. Through personalized software, small group instruction, and direct teacher interaction, students will engage with high-interest texts and strategies to improve their overall literacy skills. This course aims to bridge gaps in foundational reading abilities, empowering students to access grade-level content across all academic disciplines. Students will build confidence and develop the tools necessary for success in high school and beyond.

System 44

Course Code: 1171

Prerequisites: MAP testing score below 40, teacher recommendation

Quality Points: 4.0

Duration: Full Year

System 44 is a reading program proven to help students master the foundational reading skills required for success with the Common Core through explicit instruction in comprehension and writing, and a personalized learning progression driven by technology. System 44 has state-of-the-art adaptive software that delivers direct, systematic, research-based phonics instruction to students. Multiple points of entry allow students to work at the appropriate level based on their performance on the Code Placement Test allowing them to move through the four different zones. Students build on direct instruction and are guided to master letter-sound correspondence, word recognition, spelling, and reading of connected text.

Math

Algebra 1

Course Code: 210

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

The Algebra 1 course at Wilbur Cross High School is a comprehensive introduction to algebraic concepts, designed to build a strong foundation for advanced mathematics. This year-long program delves into key topics, including linear equations, functions, system of equations, and exponents, encouraging students to develop both conceptual understanding and procedural fluency. The curriculum adheres to Common Core State Standard, emphasizing problem-solving, abstract reasoning, and mathematical modeling. This course

aims to foster a deep understanding of algebraic principles and to prepare students for future studies in Geometry, Algebra 2 and Calculus.

Algebra 1 Honors

Course Code: 213

Prerequisites: Teacher recommendation

Quality Points: 4.5

Duration: Full Year

Honors Algebra 1 is a full-year honors course that introduces students to linear, exponential, and quadratic functions by interpreting, analyzing, comparing, and contrasting functions that are represented numerically, tabularly, graphically, and algebraically. Technology is utilized within some lessons to further support students in identifying key features as well as displaying images of the functions. The course builds upon the basic concepts of functions to include transformations of linear and nonlinear functions. Students deepen their understanding of quantitative reasoning, piecewise functions, and quadratic functions through performance tasks. The additional performance-based skills allow the honors student to apply more of the concepts taught in the course. The course concludes with students analyzing data through displays and statistical analysis. Prerequisite: B+ or better in 8th grade mathematics and a teacher recommendation.

Algebra 1 SC

Course Code: 211

Prerequisites: Based on IA Programming

Quality Points: 4.0

Duration: Full Year

Sheltered Content Algebra 1 course at Wilbur Cross High School for Multi Language Learners is a comprehensive introduction to algebraic concepts, designed to build a strong foundation for advanced mathematics. This year-long program delves into key topics, including linear equations, functions, system of equations, and exponents, encouraging students to develop both conceptual understanding and procedural fluency. The curriculum adheres to Common Core State Standard, emphasizing problem-solving, abstract reasoning, and mathematical modeling. This course aims to foster a deep understanding of algebraic principles and to prepare students for future studies in Geometry, Algebra 2 and Calculus.

Geometry

Course Code: 218

Prerequisites: Algebra 1

Quality Points: 4.0

Duration: Full Year

The Geometry course at Wilbur Cross High School is a year-long, comprehensive mathematics program. It explores a variety of geometric concepts and their applications in the real world. Key topics include foundations of geometry, properties of lines, triangles, quadrilaterals, polygons, circles, and 3-dimensional

shapes, along with an emphasis on similarity and congruence. The course aligns with Common Core State Standards, focusing on developing problem-solving skills, logic, and reasoning. This course aims to foster a deep understanding of geometric topics and to prepare students for further studies in Algebra II and beyond.

Geometry Honors

Course Code: 221

Prerequisites: Algebra 1 Honors, Teacher recommendation

Quality Points: 4.5

Duration: Full Year

Geometry Honors is for our accelerated Math students. It stresses the ability to reason logically and to think critically, using spatial sense. Students will engage in activities that allow them to create geometric understanding. These courses will formalize and extend students' geometric experiences from the middle grades. The courses are driven by the Common Core State Standards and apply the eight Mathematical Practices. Students will explore more complex geometric situations and deepen their explanations of geometric relationships moving toward formal mathematical arguments. The courses guide students to experience mathematics as a coherent, useful, and logical subject that makes use of their ability to exercise problem-solving skills in authentic situations. The curriculum includes the topics of transformations, congruence, similarity, trigonometry, two- and three-dimensional figures, circles, and probability.

Geometry SC

Course Code: 219

Prerequisites: Algebra 1 SC, Based on IA Programming

Quality Points: 4.0

Duration: Full Year

The Sheltered Content Geometry course at Wilbur Cross High School for Multi Language Learners is a year-long, comprehensive mathematics program. It explores a variety of geometric concepts and their applications in the real world. Key topics include foundations of geometry, properties of lines, triangles, quadrilaterals, polygons, circles, and 3-dimensional shapes, along with an emphasis on similarity and congruence. The course aligns with Common Core State Standards, focusing on developing problem-solving skills, logic, and reasoning. This course aims to foster a deep understanding of geometric topics and to prepare students for further studies in Algebra II and beyond.

Algebra 2

Course Code: 227

Prerequisites: Algebra 1, Geometry

Quality Points: 4.0

Duration: Full Year

The Algebra 2 course at Wilbur Cross High School is a comprehensive and challenging

year-long program designed for students progressing from Algebra I and Geometry. Key topics include a wide array of functions (linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric), equations and inequalities, and fundamental concepts in probability and statistics. The curriculum adheres to the Common Core State Standards, focusing on problem-solving, abstract reasoning, and mathematical modeling. This course aims to foster a deep understanding of advanced algebraic principles and to prepare students for advanced studies in Computer Science, Physics, Statistics, Pre-Calculus, and Calculus.
Prerequisite: Geometry

Algebra 2 Honors

Course Code: 229

Prerequisites: Algebra 1 Honors, Geometry Honors, Teacher recommendation

Quality Points: 4.5

Duration: Full Year

Algebra 2 Honors is designed for students who have demonstrated exceptional ability and motivation in mathematics and will meet the needs of students who anticipate entering college majors requiring an extensive mathematical background. The content of this course reflects the Common Core State Standards for Mathematics. The concept of a function is used as a unifying theme throughout the course. Graphing and the relationship between graphs and equations is emphasized. Algebra 2 is connected to other areas of mathematics such as geometry, data analysis, probability, and discrete mathematics. Problem solving and application to real world problems are integrated throughout the course.

Algebra 2 SC

Course Code: 228

Prerequisites: Based on IA Programming, Algebra 1 SC, Geometry SC

Quality Points: 4.0

Duration: Full Year

The Sheltered Content Algebra 2 course at Wilbur Cross High School for Multi Language Learners is a comprehensive and challenging year-long program designed for students progressing from Algebra I and Geometry. Key topics include a wide array of functions (linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric), equations and inequalities, and fundamental concepts in probability and statistics. The curriculum adheres to the Common Core State Standards, focusing on problem-solving, abstract reasoning, and mathematical modeling. This course aims to foster a deep understanding of advanced algebraic principles and to prepare students for advanced studies in Computer Science, Physics, Statistics, Pre-Calculus, and Calculus.
Prerequisite: Geometry

Statistics Honors

Course Code: 240

Prerequisites: Algebra 2, Algebra 2 Honors

Quality Points: 4.5

Duration: Full Year

The Honors Statistics course is designed to provide students with a robust understanding of statistical concepts while also incorporating practical applications and technology. A wide range of statistical concepts, including descriptive statistics, inferential statistics. The use of technology and the inclusion of interactive tools helps to further enhance the learning experience. Overall, the combination of a thorough curriculum, hands-on activities, and the integration of technology makes this Honors Statistics course a well-rounded and effective preparation for students interested in pursuing further studies in probability and statistics.

AP Statistics

Course Code: 241

Prerequisites: Algebra 2 Honors, Teacher recommendation

Quality Points: 5.0

Duration: Full Year

AP Statistics course is equivalent to an introductory college statistics course typically required for majors such as social science, health science and business. The course will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to these conceptual themes: Exploring data, sampling, experimentation, anticipating patterns, probability, simulation, and statistical inference. Students who successfully complete the course and exam may receive college credit for a one-semester introductory college statistics course. Graphing calculators are required

Calculus Honors

Course Code: 238

Prerequisites: Precalculus, Teacher recommendation

Quality Points: 4.5

Duration: Full Year

This course introduces the basics of calculus emphasizing techniques such as functions and models, limits, differentiation of algebraic, trigonometric, exponential, logarithmic functions, elementary integrations, Riemann sums, and their applications. The objective of the course is to provide the student with a firm foundation in the theory and applications of introductory calculus, thus preparing them for the rigors of college level calculus. This course will prove useful to students continuing study in Business and both Physical and Social Science.
(Prerequisite: PreCalculus)

Financial Algebra

Course Code: 262

Prerequisites: Algebra 1, Geometry, Algebra 2

Quality Points: 4.0

Duration: Full Year

Financial Algebra is structured as a comprehensive, year-long course. The course is designed to help students see the connections between algebra, geometry, and their real-world applications in the context of finance. Students are actively engaged in building a conceptual understanding of algebraic and geometric representations of financial mathematics, emphasizing a deeper comprehension beyond procedural knowledge. Students regularly explore financial problems using graphing calculators and online financial resources. This integration of technology enhances their learning experience and prepares them for practical applications.

In summary, Financial Algebra is designed to provide students with a well-rounded understanding of mathematical concepts related to finance. The course encourages active engagement, exploration of real-world financial problems, and the development of critical skills necessary for navigating the complexities of financial modeling and decision-making.

Statistics SC

Course Code: 70262

Prerequisites: Algebra 2 SC, Based on IA Programming

Quality Points: 4.0

Duration: Full Year

The Sheltered Content Statistics course is designed to provide Multilingual Learner students with an understanding of statistical concepts while also incorporating practical applications. A wide range of statistical concepts, including descriptive statistics, inferential statistics. Overall, the combination of a thorough curriculum, hands-on activities, and the supportive programming with International Academy makes this Statistics course a well-rounded and effective preparation for students interested in pursuing further studies.

Pre-Calculus

Course Code: 234

Prerequisites: Algebra 2 Honors, Teacher recommendation, Algebra 2

Quality Points: 4.0

Duration: Full Year

Precalculus aims to provide students with a strong mathematical foundation that will be essential for success in calculus and other advanced mathematical courses. By delving into trigonometry, coordinate geometry, conic sections, parametric and polar equations, sequences, and series, students build the necessary skills and knowledge to tackle more complex mathematical concepts. It also emphasizes the application of mathematical concepts to solve problems in various contexts. It lays the groundwork for students to confidently navigate the challenges of higher-level mathematics.

AP Precalculus

Course Code: 2114

Prerequisites: Algebra 2 Honors, Teacher recommendation

Quality Points: 5.0

Duration: Full Year

Advanced Placement Precalculus fosters the development of algebraic, graphical, numerical, and verbal analyses of functions. Students will engage in an in-depth study of polynomial and rational functions, logarithmic and exponential functions, conic sections, and trigonometric functions, both with and without the use of calculators. This course explores a broad spectrum of function types foundational for careers in mathematics, physics, biology, health science, business, social science, and data science. Students will explain topics involving functions, composition of functions, inverses and transformations using graphical, numerical, analytical, and verbal representations. Recognizing that these representations reveal different attributes of functions and are useful for problem-solving in mathematical and applied contexts is a core objective.

AP Calculus AB

Course Code: 239

Prerequisites: Precalculus, Teacher recommendation

Quality Points: 5.0

Duration: Full Year

AP Calculus (AB) course is equivalent to a one-semester college course in calculus. It includes the fundamentals and development of limits, differential calculus, and integral calculus of algebraic and transcendental functions. Strong emphasis is placed on applications and problem solving. This course culminates in the (College Board's Advanced Placement Test). Depending on the student's performance on this exam and on her/his college's policies, she/he may receive college credit.

Math Foundations 1

Course Code: 280

Prerequisites: Teacher recommendation, Based on IA Programming

Quality Points: 4.0

Duration: Full Year

Math Foundations course is a supportive program designed to address the needs of students who need significant exposure to basic math concepts. It is intended to provide foundational support for those students who may have gaps in their mathematical understanding. The primary goal is to build proficiency in knowledge and understanding of number fluency, rational numbers, problem-solving, and reasoning. Secondly, the course aims to ensure students have strong arithmetic skills needed to succeed in courses at or above the Algebra One level.

Social Studies

Modern World History

Course Code: 299

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

This course will examine a variety of peoples, events, and movements in modern world history with a focus on inquiry-based learning. We will explore cause and effect relationships within the context of modern world history as we look to answer compelling questions about the past that relate to the present. As we build and hone our skills as historians, we will focus on themes and topics across the globe that have shaped contemporary times. Starting around the dawn of the Industrial Age, we will analyze how changes across societies over the past three centuries can help us understand the twenty-first-century and make informed decisions about our future.

Modern World History Honors

Course Code: 297

Prerequisites: Teacher Recommendation

Quality Points: 4.5

Duration: Full Year

This course will examine a variety of peoples, events, and movements in modern world history with a focus on inquiry-based learning. We will explore cause and effect relationships within the context of modern world history as we look to answer compelling questions about the past that relate to the present. As we build and hone our skills as historians, we will focus on themes and topics across the globe that have shaped contemporary times. Starting around the dawn of the Industrial Age, we will analyze how changes across societies over the past three centuries can help us understand the twenty-first-century and make informed decisions about our future.

US History

Course Code: 355

Prerequisites: Modern World History

Quality Points: 4.0

Duration: Full Year

In high school, students will explore people, events, and movements in United States History from the 1870s to the present with a focus on inquiry into the changes in society, economic developments, and the emergence of the U.S. as a global power. An emphasis is placed on analyzing and evaluating a variety of documents, sources, and perspectives. Successful students will be able to understand the development of American society, write essays on controversial topics in American history, construct ideas and opinions on the impact that American social development had on modern society, discuss and write how political changes have influenced the United States, interpret primary reading sources and documentary videos, and write persuasive essays on important issues in American history.

US History Honors

Course Code: 356

Prerequisites: Modern World History, Teacher Recommendation

Quality Points: 4.5

Duration: Full Year

In high school, students will explore people, events, and movements in United States History from the 1870s to the present with a focus on inquiry into the changes in society, economic developments, and the emergence of the U.S. as a global power. An emphasis is placed on analyzing and evaluating a variety of documents, sources, and perspectives. Successful students will be able to understand the development of American society, write essays on controversial topics in American history, construct ideas and opinions on the impact that American social development had on modern society, discuss and write how political changes have influenced the United States, interpret primary reading sources and documentary videos, and write persuasive essays on important issues in American history.

Civics

Course Code: 321

Prerequisites: None

Quality Points: 4.0

Duration: Half Year

Social studies by definition has as the primary goal of preparing active citizens. In this Civics course, students engage in the study of civic processes, rules, and laws; examine civic and political institutions; and apply civic virtues and democratic principles. The study of civics in high school requires that students generate and research compelling questions such as:

- What does it mean to be a citizen?
- How could I take part in civic life?
- How do laws both shape and reflect the characteristics of a society?
- In what ways does the American political system provide choice and opportunities for participation?
- Are deliberation and compromise necessary for political decision-making?

Civics Honors

Course Code: 324

Prerequisites: Modern World History, US History, Teacher Recommendation

Quality Points: 4.5

Duration: Full Year

Social studies by definition has as the primary goal of preparing active citizens. According to Section 10-221a of the Connecticut General Statutes, "no local or regional board of education shall permit any student to graduate from high school or grant a diploma to any student who has not satisfactorily completed...at least a one-half credit course on civics and American government." Civics is a state-mandated graduation requirement!

In high school, students engage in the study of civic processes, rules, and laws; examine civic and political institutions; and apply civic virtues and democratic principles. The study of civics in high school requires that students generate and research compelling questions such as:

- What does it mean to be a citizen?
- How could I take part in civic life?
- How do laws both shape and reflect the characteristics of a society?
- In what ways does the American political system provide choice and opportunities for participation?
- Are deliberation and compromise necessary for political decision-making?

Civics | SCSU PSC 260

Course Code: 325/3473

Prerequisites: 11th Grade, 12th Grade, No more than 1 other SCSU concurrent Class

Quality Points: 4.0 | 5.0

Duration: Full Year

Much like traditional Civics classes, the U.S. government course is designed as a practical application of governmental studies. Students can earn 3 college credits on an SCSU transcript. The course provides for a college-level experience and is an intensive study of the formal and informal structures of government. Through this course, the students will understand the doctrines and historical background of the Constitution. Through research and dialogue, students will develop an increased knowledge and appreciation of the institutions of our constitutional democracy. Students will comprehend the fundamental principles and values in which our government was founded and develop the skills needed to become an effective responsible citizen today. Finally, students will gain an increased understanding and willingness to use democratic processes when making decisions and managing conflict and debate. Students will participate in the "We the People" competition in the first semester. Students need to work independently and in small groups and be able to speak in public. This is a concurrent class with Southern Connecticut State University.

Journalism | QU JRN 100

Course Code: 140/33407

Prerequisites: 11th Grade, 12th Grade, Teacher Recommendation

Quality Points: 4.0 | 5.0

Duration: Full Year

The Journalism class involves learning and practicing skills that are involved in the production of a school newspaper with emphasis on improving writing and computer skills. The school newspaper itself is separate, independent of the Journalism course, is an extracurricular activity and is a designated forum for student expression. Learning activities include conducting surveys, doing group projects, writing several types of stories, and conducting interviews. The class teaches students to use print and non-print technology for creative communication. This is a concurrent class with Quinnipiac University.

Psychology | SCSU PSY 100

Course Code: 344/3456

Prerequisites: 11th Grade, 12th Grade, Teacher Recommendation, No more than 1 other SCSU concurrent Class

Quality Points: 4.0 | 5.0

Duration: Full Year

This course is an introduction to psychology as a science. Core topics are: psychology as a profession, research methods, biological bases of behavior, and learning. Students will be introduced to the field of psychology through the study of research methods, biology, learning, development and the major theorists. This course involves understanding the foundational topics of psychology while applying to real life and personal experiences. The main strategy to understanding psychology will be learning and defining the terms and concepts then applying them to relevant scenarios. Overall themes of exploration will be viewing these topics through a biopsychosocial perspective, analyzing the influence of nature versus nurture and expanding personal awareness and empathy for human behavior and mental health disorders. This is a concurrent class with Southern Connecticut State University.

AP Government & Politics

Course Code: 343

Prerequisites: Teacher Recommendation

Quality Points: 5.0

Duration: Full Year

The course is evenly divided between lecture and seminar format. Students are responsible for keeping up with events in the news. Each class begins with a discussion of current events (public policy, international relations, etc.). The current events provide concrete connections for each lesson. (More on this later as we move to online learning). This course explores the political theory and everyday practice that direct the daily operation of our government and shape our public policies. The express purpose of this course is to prepare students to take the AP U.S. Government and Politics Exam. The course is for all intents and purposes taught on a college level, and it requires a substantial amount of reading and preparation for every class. The objectives of this course go beyond a basic analysis of how our government "works." Students will develop a critical understanding of the strengths and weaknesses of the American political system, as well as their rights and responsibilities as citizens. Fifty percent of the final course grade is based on the cumulative average of homework, seminar discussions, quizzes, current events, essays, group presentation, and unit tests. The remaining 50 percent is divided between a History Day project and a final exam (skit/CBD project). Students are responsible for keeping up with the daily events in the nation and the world. Students will need to skim the front page of New York Times; listen to NPR or another radio news program; watch TV news stations, such as CNN, Fox news, NBC Nightly news, ABC, or CBS; or access a reliable online source. Students are tested on their understanding of quantitative and visually presented information (maps and graphs) at regular intervals. They are also responsible for including data analysis and interpretation in the cumulative project assignment. Two projects are required for this course and will be collected sometime in March/June. One of the assignments is directly related to History Day and the second, is required by the College Board.

AP US History

Course Code: 336

Prerequisites: Modern World History, Teacher Recommendation

Quality Points: 5.0

Duration: Full Year

AP U.S. History is an introductory college-level U.S. history course. Students cultivate their understanding of U.S. history from c. 1491 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures.

African American/Black, Latino and Puerto Rican Studies

Course Code: 4901

Prerequisites: 11th Grade, 12th Grade, Modern World History

Quality Points: 4.0

Duration: Full Year

The African American, Black, Latino, and Puerto Rican Course of Studies is a one credit, year-long elective in which students will consider the scope of African American, Black, Latino, and Puerto Rican contributions to U.S. history, society, economy, and culture. It utilizes Connecticut's Social Studies Framework themes and inquiry-based approach already familiar to social studies teachers to deliver a content rich and personalized learning experience. The course is an opportunity for students to explore accomplishments, struggles, intersections, perspectives, and collaborations of African American, Black, Latino, and Puerto Rican people in the U.S. Students will examine how historical movements, legislation, and wars affected the citizenship rights of these groups and how they, both separately and together, worked to build U.S. cultural and economic wealth and create more just societies in local, national, and international contexts. Coursework will provide students with tools to identify historic and contemporary tensions around race and difference; map economic and racial disparities over time; strengthen their own identity development; and address bias in their communities. This course will contribute to the critical consciousness and civic-minded competencies of a twenty-first century graduate, and ultimately facilitate students' interest in pursuing further ethnic, anthropology, or human rights studies in the future. The course will take an approach to examining the history and present-day realities/struggles of Black, Indigenous, and Latinx people — and more importantly, the ongoing resistance to these forms of domination thru examining the minority viewpoint(s), reactions, and counter narrative(s) of their overall experiences to foster change and continued struggle for equality and civil rights. Students will engage in discussion-based intellectual exchange with your fellow classmates and rigorous, original analysis of the weekly readings. Our class sessions will help you to develop critical thinking capacities that will prove indispensable both in the classroom and beyond. The course is an opportunity for students to explore accomplishments, struggles, intersections, perspectives, and collaborations of African American, Black, Latino, and Puerto Rican people in the U.S. Students will examine how historical movements, legislation, and wars affected the citizenship rights of these groups and how they, both separately and together, worked to build U.S. cultural and economic wealth and create more just societies in local, national, and international contexts. Coursework will provide students with tools to identify historic and contemporary tensions around race and difference; map economic and racial disparities over time; strengthen their own identity development; and address bias in their communities. This course will contribute to the critical consciousness and civic-minded competencies of a twenty-first century graduate, and ultimately facilitate students' interest in pursuing further ethnic, anthropology, or human rights studies in the future.

American Law

Course Code: 367

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

American Law at Wilbur Cross is a Civics course. Students will be introduced to the foundations of American law, the Constitution, citizenship, and examine the daily relevance of law. Students will apply their knowledge to case studies, written and verbal arguments, civic duty, and group projects. American law will provide exposure to students who desire to learn more about the American legal system, their rights and obligations as citizens, and the Constitution.

Contemporary Law

Course Code: 364

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

Contemporary Law is an experiential course focused on developing in students the knowledge and skills necessary to live in our law-saturated society. This course will:

- provide a practical understanding of law and the legal system that will be useful to students in their everyday lives
- improve understanding of the fundamental principles and values underlying the U.S. Constitution, laws and legal system
- develop a willingness and an ability to resolve disputes through informal and, where necessary, formal mechanisms engage students in a practical understanding of the law and legal system with interactive methods that focus on the legal issues relevant to student's lives.

New Haven History

Course Code: 70892

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

New Haven History Course is intended to be a dynamic high school course that invites students to delve into the rich tapestry of their city's past. Through an interdisciplinary approach, students will explore key historical periods, events, and figures that have contributed to the development of New Haven, Connecticut. The course will cover the early history of the region, including the interplay between geography, Indigenous peoples, and colonial settlers, and will trace the city's growth and transformation over time.

Intro to FilmStudies

Course Code: 168

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

Introduction to Film Studies is a basic introduction to enjoying great films from the past, many of which you may have never even heard of and some that you have. The course studies the basic elements of these movies, focusing on the plot and messages contained within the story. The movie will also discuss movie making elements like editing and filming techniques, genres and acting.

Psychology

Course Code: 344

Prerequisites: 11th Grade, 12th Grade

Quality Points: 4.0

Duration: Full Year

Course Description: Psychology at Wilbur Cross High School is an elective course. Students will be introduced to the systematic and scientific study of the behavior and mental processes of human beings and animals. Students will also be exposed to the various subfields, concepts, theories, experiments, and methods utilized by the notable psychologist. Psychology will also serve as a preparatory course for juniors and seniors who lack rigorous exposure but would like to experience success in a college level psychology course in the future.

Global Leadership & Exploration

Course Code: 70903

Prerequisites: IA Programming

Quality Points: 4.0

Duration: Full Year

In this Sheltered Content course, we will look at justice in different ways and at different levels across global societies. It might be hard to agree on what justice means, especially social justice. Our goal is to understand how people have thought about justice over time. By exploring these ideas, we hope to understand justice better and grow both as individuals and as a group.

Modern World History SC

Course Code: 298

Prerequisites: IA Programming

Quality Points: 4.0

Duration: Full Year

This sheltered content course is designed using a holistic approach to history. Students will examine their rights as citizens and their place in the world as international students. Furthermore, students will explore a variety of peoples, events, and movements in world history with a focus on inquiry-based learning. Through the use of informational, historical, and literary texts students will evaluate historical events, processes, movements, and various people in history. Students will collaborate with their peers on oral presentation, assignments, debates, and classroom discussions.

US History SC

Course Code: 358

Prerequisites: IA Programming, Civics SC, Modern World History SC

Quality Points: 4.0

Duration: Full Year

In high school, students will explore people, events, and movements in United States History from the 1870s to the present with a focus on inquiry into the changes in society, economic developments, and the emergence of the U.S. as a global power. An emphasis is placed on analyzing and evaluating a variety of documents, sources, and perspectives. Successful students will be able to understand the development of American society, write essays on controversial topics in American history, construct ideas and opinions on the impact that American social development had on modern society, discuss and write how political changes have influenced the United States, interpret primary reading sources and documentary videos, and write persuasive essays on important issues in American history.

Science

Integrated Science

Course Code: 402

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

This High School Earth and Space Science course provides students with a comprehensive understanding of the Earth, its geological processes, and the broader universe. Through a combination of classroom instruction, laboratory work, and hands-on activities, students will explore topics such as Earth's formation, the rock cycle, plate tectonics, weather and climate, astronomy, and the solar system. This course aims to foster scientific inquiry, critical thinking, and an appreciation for the natural world.

Integrated Science Honors

Course Code: 406

Prerequisites: Teacher Recommendation

Quality Points: 4.5

Duration: Full Year

This High School Earth and Space Science course provides students with a comprehensive understanding of the Earth, its geological processes, and the broader universe. Through a combination of classroom instruction, laboratory work, and hands-on activities, students will explore topics such as Earth's formation, the rock cycle, plate tectonics, weather and climate, astronomy, and the solar system. This course aims to foster scientific inquiry, critical thinking, and an appreciation for the natural world.

Biology College

Course Code: 410

Prerequisites: 10th Grade

Quality Points: 4.0

Duration: Full Year

This course examines science as a process to understand basic biological concepts of cells, genetics, evolution, and ecology. High school Biology will equip students to address the following essential questions as identified within the Next Generation Science Standards: 1. How do organisms live and grow? 2. How are characteristics of one generation passed to the next? How can individuals of the same species and even siblings have different characteristics? 3. What evidence shows that different species are related? 4. How and why do organisms interact with their environment, and what are the effects of those interactions?

Biology Honors

Course Code: 414

Prerequisites: Teacher Recommendation, 10th Grade, Integrated Science Honors

Quality Points: 4.5

Duration: Full Year

This course examines science as a process to understand basic biological concepts of cells, genetics, evolution, and ecology. High school Biology will equip students to address the following essential questions as identified within the Next Generation Science Standards: 1. How do organisms live and grow? 2. How are characteristics of one generation passed to the next? How can individuals of the same species and even siblings have different characteristics? 3. What evidence shows that different species are related? 4. How and why do organisms interact with their environment, and what are the effects of those interactions?

AP Biology

Course Code: 433

Prerequisites: Biology Honors

Quality Points: 5.0

Duration: Full Year

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions.

Chemistry College

Course Code: 418

Prerequisites: 11th Grade, 12th Grade

Quality Points: 4.0

Duration: Full Year

Chemistry is the study of matter; what it consists of, its properties, how it changes. In this course we will be studying: Chemical Properties, Nuclear Chemistry, Atoms in the Universe, Atomic Structure, Properties of Matter, Elements and the Periodic Table, Compounds, Bonding, Reactions and Chemical Equations, Solutions, Acids and Bases, and the Behavior of Gases.

Chemistry Honors

Course Code: 422

Prerequisites: Biology Honors, Biology, Teacher Recommendation

Quality Points: 4.5

Duration: Full Year

Chemistry is the study of matter; what it consists of, its properties, how it changes. In this course we will be studying: Chemical Properties, Nuclear Chemistry, Atoms in the Universe, Atomic Structure, Properties of Matter, Elements and the Periodic Table, Compounds, Bonding, Reactions and Chemical Equations, Solutions, Acids and Bases, and the Behavior of Gases. Students will be expected to engage in quantitative problem solving and inquiry-based investigations.

AP Chemistry

Course Code: 437

Prerequisites: Chemistry, Chemistry Honors, Teacher Recommendation, Algebra 2

Quality Points: 5.0

Duration: Full Year

AP provides a freshman-level college experience to ensure that the student is prepared to succeed in college chemistry. This is accomplished by teaching the 9 Units detailed in the AP Chemistry Course and Exam description. The course is organized around the four big ideas and is aligned with the six science practices. Laboratory experiments are conducted to compliment the material being taught. Labs will account for 25% of the instructional time. Emphasis in this class is placed on application of chemical concepts with real-world applications. Each of the topics within the nine units are covered in depth, and students will be assessed after the completion of each unit topic. Students must also enroll in Pre-Calculus or equivalent while taking this course.

Physics College

Course Code: 438

Prerequisites: Integrated Science, Biology

Quality Points: 4.0

Duration: Full Year

Welcome to the wonderful world of physics! Physics is the study of how things work. It is also the study of matter and energy. Physicists possess a natural curiosity and wonder about how things work in our world. If you do not see a value in the specific topics covered, you should realize that practicing the scientific method, experimental techniques/analysis, and use of supporting technology builds critical thinking abilities and skills that are invaluable to any field you pursue. This course will take an algebraic and conceptual approach to explaining the fundamentals of classical physics. The concepts will then be extended and applied to numerous word problems of varying complexity. Students will be challenged to complete multiple application-based projects.

AP Physics

Course Code: 442

Prerequisites: Algebra 1, Geometry, 11th Grade, 12th Grade

Quality Points: 5.0

Duration: Full Year

Welcome to the wonderful world of physics! Physics is the study of how things work. It is also the study of matter and energy. Physicists possess a natural curiosity and wonder about how things work in our world. If you do not see a value in the specific topics covered, you should realize that practicing the scientific method, experimental techniques/analysis, and use of supporting technology builds critical thinking abilities and skills that are invaluable to any field you pursue. AP Physics 1 is an introductory algebra-based course designed to mirror a university-level first-semester physics course. Students will need to enroll in Algebra 2 or equivalent courses while taking this course.

AP Environmental Science

Course Code: 435

Prerequisites: Teacher Recommendation, 11th Grade, 12th Grade

Quality Points: 5.0

Duration: Full Year

Explore the intricate web of the natural world in our Advanced Placement Environmental Science course. This comprehensive program delves into the multifaceted realm of environmental science, equipping students with the knowledge and skills needed to address pressing global challenges. Throughout this rigorous course, students will investigate key topics, including ecology, sustainability, biodiversity, climate change, and human impact on the environment. They will engage in hands-on experiments, data analysis, and critical thinking exercises to gain a deep understanding of environmental systems. Students will examine real-world environmental issues and propose innovative solutions. By the end of the course, students will be well-prepared for the AP Environmental Science exam, with the ability to apply their knowledge to real-world scenarios, advocate for environmental sustainability, and contribute to a greener future. All AP courses may have additional requirements.

Intro to Engineering Design & Automation | SCSU EGR 151

Course Code: 1022/3536

Prerequisites: 11th Grade, 12th Grade

Quality Points: 5.0

Duration: Full Year

Introduction to Engineering and Design (IED) is a high school level course that is appropriate for students who are interested in design and engineering. The major focus of the IED course is to expose students to design processes, research, teamwork, and communication methods. Students will explore engineering tools and apply a common approach to the solution of engineering problems. IED gives students the opportunity to develop skills and understanding of course concepts through activity, project, and problem-based learning. This learning technique challenges students to continually hone their interpersonal skills, creative abilities, and understanding of the design process. It also allows students to develop strategies to enable and direct their own learning, which is the ultimate goal of education. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology. This course is a concurrent course with Southern Connecticut State University.

SCSU HLS 260: Introduction to Medical Terminology

Course Code: 33383

Department: SCIENCE

Prerequisites: Grade 11, Grade 12, Enrolled in Health Science Pathway

Quality Points: 5.0

Duration: Full Year

This course uses the organ systems of the human body to better understand the complex medical terminology language. We will look at the breakdown of medical words and connect their meanings and applications to anatomical systems, disease and treatment

Introduction to Pharmaceutical Studies

Course Code: 468

Prerequisites: Enrolled in Health Science Pathway

Quality Points: 4.0

Duration: Full Year

This course will teach students the basic skills used while working as a pharmacy technician. This course will familiarize students with major drug classes of medications including descriptions of the medications, what they do, how they are used and their dangers. Lastly, students will discuss the differences between over the counter medications and prescription medication in order to develop a deeper understanding and appreciation for how science is used to meet the growing demands of human health.

Environmental Science

Course Code: 475

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

Environmental Science is the study of the interrelationship between the physical/natural world and its biological environments as well as the effect of mankind on the environment. Environmental science embraces a wide variety of topics from different areas of study. Major topics studied in this course are: physical environments of the land, water, oceans and air and their related ecosystems; the interdependence of Earth's systems; climatology; the effect of natural and man-made impacts on the environment; pollution; renewable and nonrenewable energy resources; and human population dynamics.

Forensic Science

Course Code: 449

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

Forensic Science is an interdisciplinary, hands-on, inquiry-based full year course focusing on modern crime solving methods. Forensic Science is an applied science which utilizes the knowledge and skills of all the life and physical sciences in matters of law. Knowledge and skills acquired in Phy-Chem and Biology will be applied to the analysis of evidence and reconstruction of crime scenes, using the scientific method. Major categories of evidence will be covered, including pattern evidence, biological evidence and chemical evidence. We will study the history of the development of Forensic Science relative to major scientific discoveries.

Human Physiology

Course Code: 424

Prerequisites: 11th Grade, 12th Grade

Quality Points: 4.0

Duration: Full Year

This course studies the relationship between structure (anatomy) and function (physiology) of the human body . We look at how anatomy and physiology work together to keep the body in balance and apply this information to real life applications.

Culinary Chemistry: The Science of Cooking & Baking

Course Code:

Prerequisites: 11th Grade, 12th Grade

Quality Points: 4.0

Duration: Full Year

The Science of Cooking & Baking explores the science behind food preparation. Students will learn about chemical reactions, heat transfer, fermentation, and food preservation through hands-on experiments. This course integrates chemistry, biochemistry, food science, and nutrition to develop practical culinary skills and a deeper understanding of the science behind cooking.

Science & Research

Course Code: 451

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

The Science Research Program is designed to provide students with an understanding of research methodology in the natural sciences. Although emphasis is on both laboratory and literature investigations, most importantly, students will be given the opportunity to experience true scientific discovery.

Chemistry SC

Course Code: 420

Prerequisites: Integrated Science, Biology, IA Programming

Quality Points: 4.0

Duration: Full Year

Chemistry is the study of matter; what it consists of, its properties, how it changes. In this Sheltered Content course designed for newcomer Multilingual Learners we will be studying: Chemical Properties, Nuclear Chemistry, Atoms in the Universe, Atomic Structure, Properties of Matter, Elements and the Periodic Table, Compounds, Bonding, Reactions and Chemical Equations, Solutions, Acids and Bases, and the Behavior of Gases. Content is modified for multilingual learners.

Integrated Science SC

Course Code: 404

Prerequisites: IA Programming

Quality Points: 4.0

Duration: Full Year

This High School Earth and Space Science course provides students with a comprehensive understanding of the Earth, its geological processes, and the broader universe. Through a combination of classroom instruction, laboratory work, and hands-on activities, students will explore topics such as Earth's formation, the rock cycle, plate tectonics, weather and climate, astronomy, and the solar system. This course aims to foster scientific inquiry, critical thinking, and an appreciation for the natural world.

Physical Education

Physical Education

Course Code: 903
Prerequisites: None
Quality Points: 4.0
Duration: Full Year

Physical Education is a full year course designed to promote physical fitness, healthy habits, and an understanding of various sports and activities. This course also incorporates elements of teamwork, cooperation, and good sportsmanship. Students will also complete the required Connecticut Physical Fitness Test.

Physical Education

Course Code: 904
Prerequisites: Physical Education (903: PE) 1
Quality Points: 4.0
Duration: Full Year

Physical Education is a full year course designed to promote physical fitness, healthy habits, and an understanding of various sports and activities. This course also incorporates elements of teamwork, cooperation, and good sportsmanship.

Advanced Weight Training

Course Code: 915
Prerequisites: Physical Education (903: PE) 1
Quality Points: 4.0
Duration: Half Year

Advanced Weight Training is a class designed for students with prior knowledge and experience in weight training and exercise. This class aims to provide a deeper understanding of exercise physiology, injury prevention, and sports-specific training. Students will have the opportunity to design and implement their own training programs as well as learn about the principles of strength and conditioning.

PE Nutrition & Weights

Course Code: 914
Prerequisites: Physical Education (903: PE) 1
Quality Points: 4.0
Duration: Half Year

This class is designed to introduce students to Nutrition and Weight Training. Students can expect to learn about the fundamentals of nutrition, including dietary guidelines, meal planning, and overall health. The weight component of the class will focus on strength training, proper lifting techniques, exercise programming, and the

importance of living a physically active lifestyle. The combination of nutrition education and weight training can help students make informed choices about their overall health and fitness.

Health & Health Science

Certified Nursing Assistant (CNA)

Course Code: 1061

Prerequisites: Grade 11, Grade 12, Age Requirement

Quality Points: 4.0

Duration: Full Year

A Certified Nurse Aide (CNA) course provides fundamental training in basic patient care, preparing individuals for entry-level positions in healthcare. Students learn essential skills such as taking vital signs, assisting with daily living activities, and maintaining a clean and safe environment. The curriculum combines classroom instruction with hands-on clinical practice, ensuring students develop both theoretical knowledge and practical abilities. Successful completion of the course and a state-administered exam leads to certification, allowing CNAs to work in various settings like hospitals, nursing homes, and home healthcare. Students will have the opportunity to take the state exams to receive their CNA license as well as earn high school credit. This course does fulfill the health graduation requirement.

Emergency Medical Technician (EMT)

Course Code: 1060

Prerequisites: Grade 11, Grade 12, Age Requirement

Quality Points: 4.0

Duration: Full Year

The EMT course offered by Yale New Haven Hospital Center for EMS is approved by the State of Connecticut Office of Emergency Medical Services and prepares the student for taking the National Registry of EMT (NREMT) exam for certification. This comprehensive course is about 200 hours and is designed as an entry level program that trains the layperson to be a proficient EMT based on the National Educational Standards. Our programs offer different delivery options to fit different students' learning strengths and to develop a good foundation of knowledge and be able to provide practical application of that knowledge base. The course covers anatomy and physiology, primary and secondary patient assessments, triage, airway management, oxygen therapy, treatment of bleeding and shock, cardiac arrest management, fracture care, spinal injuries, and other medical and traumatic emergencies. Additional areas of study include the use of automated external defibrillators, general pharmacology, and American Heart Association CPR certification.

Health Science & Sports Medicine

Course Code: 988

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

There is a very evident connection between Health Education and Sports and Sports careers. Throughout this course students will be able to learn about this connection through the intersection of individual sports and health education topics. Students will make connections between historical games, activities, and sports and compare them to modern athletics. Students will also learn many of the components of health education and then make the connection between sports and health education. This course does fulfill the health graduation requirement.

High School Health | SCSU PCH 201

Course Code: 1998/3469

Prerequisites: Grade 12

Quality Points: 4.0 | 5.0

Duration: Full Year

During the Health Education course, students will learn to obtain, interpret, and apply Health information and services in ways that protect and promote personal, family, and community Health. By participating in Health Education, students will learn developmentally appropriate topics such as Drug/Alcohol Education, Mental Health Awareness, and Healthy Relationship including Sexual Education. This course is a concurrent/Early College Experience course through Southern Connecticut State University and students who complete the necessary requirement and complete the course successfully are eligible to receive college credit.

SCSU HLS 260 Introduction to Medical Terminology (ELE,HES)

Course Code: 33383

Prerequisites: Grade 11, Grade 12, Enrolled in Health Science Pathway

Quality Points: 5.0

Duration: Full Year

This course uses the organ systems of the human body to better understand the complex medical terminology language. We will look at the breakdown of medical words and connect their meanings and applications to anatomical systems, disease and treatment

Human Physiology

Course Code: 424

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

This course studies the relationship between structure (anatomy) and function (physiology) of the human body . We look at how anatomy and physiology work together to keep the body in balance and apply this information to real life applications.

Career and Technical Education (CTE)

Advanced Auto Tech

Course Code: 1013

Prerequisites: Auto Tech 1

Quality Points: 4.0

Duration: Full Year

This full-year Advanced Automotive Technology course builds upon introductory concepts to provide an in-depth study of modern vehicle systems. Students will delve into complex topics such as advanced engine performance, electronic control systems and chassis dynamics. Through extensive hands-on projects and diagnostic training, you will develop advanced troubleshooting and repair skills applicable to a wide range of vehicles. This course helps to prepare students for post-secondary automotive programs. Students may take this over multiple years.

Auto Tech 1 .5cr

Course Code: 1019

Prerequisites: None

Quality Points: 4.0

Duration: Half Year

This introductory Automotive course provides a hands-on exploration into the world of vehicle technology and maintenance. Over the semester, students will learn the fundamentals of automotive systems, from engines and brakes to electrical and fuel systems. Through practical exercises and real-world examples, you'll gain valuable skills in basic vehicle care, troubleshooting, and repair.

Construction 1/Carpentry .5cr

Course Code: 1002

Prerequisites: None

Quality Points: 4.0

Duration: Half Year

This semester-long course offers a foundational introduction to construction and carpentry. Students will learn essential skills in reading blueprints, safe tool usage, and basic carpentry techniques. Through hands-on projects, they'll gain practical experience in framing, finishing, and other fundamental construction practices. This course fosters an understanding of construction principles and prepares students for potential careers in the trades. Students will also emphasize safety, teamwork, and problem-solving within the construction industry.

Entrepreneurship

Course Code: 845

Prerequisites: Intro to Business

Quality Points: 4.0
Duration: Full Year

Entrepreneurship follows the curriculum of the National Foundation for Teaching Entrepreneurship (NFTE). This course will provide students with a step-by-step approach to starting and operating a business using marketing, merchandising, basic accounting, and management skills. In addition to classroom instruction, all students are required to complete a business plan by May and present their business plans to a panel of judges as a culminating project.

Intro to Business | SCSU MGT 100

Course Code: 835
Prerequisites: None
Quality Points: 4.0 | 5.0
Duration: Full Year

Students will be introduced to the business curriculum and world of business. Exploring the relationship between business, society, and individuals will assist students in learning business concepts and various career opportunities. This introductory level course will allow students to sample four major units of study including Finance, Marketing, Operations, and Management. This course is highly recommended for students who are planning to pursue additional education and careers in the field of business. This course is a concurrent Course with Southern Connecticut State University.

Marketing | SCSU MKT 200

Course Code: 844
Prerequisites: Intro to Business
Quality Points: 4.0 | 5.0
Duration: Full Year

The fundamental functions of marketing in a free enterprise system: development of product, price, place, and promotion policies in relation to buyer behavior, market segmentation, and marketing information systems. This course is a concurrent Course with Southern Connecticut State University.

Personal Finance

Course Code: 247
Prerequisites: IA Programming, Grade 11
Quality Points: 4.0
Duration: Full Year

Critically applying financial literacy competencies prepares students for success in college, career, and civic life. This Sheltered Content course provides students an opportunity to learn how to navigate the complex consumer economy of the 21st century, while exploring topics including credit, saving, investing, banking, and

budgeting. Good financial planning is a transferable skill that positions students for an evolving workplace and marketplace.

Personal Finance

Course Code: 808

Prerequisites: Grade 11

Quality Points: 4.0

Duration: Half Year

Critically applying financial literacy competencies prepares students for success in college, career, and civic life. This course provides students an opportunity to learn how to navigate the complex consumer economy of the 21st century, while exploring topics including credit, saving, investing, banking, and budgeting. Good financial planning is a transferable skill that positions students for an evolving workplace and marketplace. This course is paired in the schedule with the required half credit Civics course.

Personal Finance SC

Course Code: 881

Prerequisites: Grade 11, IA Programming

Quality Points: 4.0

Duration: Full Year

Critically applying financial literacy competencies prepares students for success in college, career, and civic life. This Sheltered Content course provides students an opportunity to learn how to navigate the complex consumer economy of the 21st century, while exploring topics including credit, saving, investing, banking, and budgeting. Good financial planning is a transferable skill that positions students for an evolving workplace and marketplace. This full year course is for any student taking an equivalent course to half year Civics course.

Advanced Carpentry/Woodworking

Course Code: 1016

Prerequisites: Carpentry 1

Quality Points: 4.0

Duration: Full Year

This year-long advanced carpentry course builds upon foundational skills, providing a comprehensive exploration of residential construction. Students will master advanced techniques in framing, roofing, and interior/exterior finishing, while also delving into project planning and material estimation. Through in-depth, hands-on projects, students will develop proficiency in using specialized tools and equipment, adhering to industry safety standards. This course prepares students for potential apprenticeships or further education in construction trades, emphasizing problem-solving and leadership within a real-world context. Students may take this over multiple years.

Baking and Pastry | CT State HOSP 1103 Principles Baking I

Course Code: 1044 | 33386

Prerequisites: Culinary 2

Quality Points: 4.0 | 5.0

Duration: Full Year

This course description is for CT State HOSP 1103 Principles of Baking I at Wilbur Cross Advanced Baking & Pastry. Students will learn the history and techniques of baking, pastry, and dessert making. Successful completion allows for Gateway Community College credits. The curriculum covers a range of topics including mixing, equipment, ingredients, various doughs, cookies, cakes, pies, and other desserts. Students will apply their knowledge through practical exams like the Cupcake Wars and Cookie Challenge, as well as operating a student-run bakeshop. The final project involves designing and presenting their own bakery concept. This is a concurrent course with the CT State University system.

Culinary Arts 1

Course Code: 1020

Prerequisites: Enrolled in Culinary Pathway, None

Quality Points: 4.0

Duration: Full Year

This course will inform students how to value quality customer service to the dining experience. Describe the role of foodservice management, standards, regulations and laws. Explain how safety and sanitation must be controlled at all times. How to use the equipment found in the kitchen, how to create successful menus and how to standardize recipes to control costs. The philosophy is to learn by doing.

Culinary Arts 2 | CT State HOSP 1101 Principles Food Prep

Course Code: 1021 | 33387

Prerequisites: Culinary 1

Quality Points: 4.0 | 5.0

Duration: Full Year

This course builds on Culinary 1 and aims to inform students about the importance of quality customer service in the dining experience, the role of foodservice management, and the applicable standards, regulations, and laws. Additionally, we will cover essential topics such as maintaining safety and sanitation, using kitchen equipment, creating successful menus, and standardizing recipes to manage costs. The course will include lectures, demonstrations, and hands-on experience in food production. In the food lab, students will learn proper techniques in broiling, grilling, sautéing, roasting, and baking various foods. They will also gain skills in meat and fish fabrication, knife skills, and the use of tools and equipment, including weights, measures, and recipe conversion. Our philosophy emphasizes learning by doing. This is a Concurrent Enrollment course with the CT State University system.

Culinary Arts 3

Course Code: 1042
Prerequisites: Culinary 2
Quality Points: 4.0
Duration: Full Year

Culinary Arts 3 expands on still acquired in culinary arts 1 and 2 curriculum. These skills can be reached by well rounded practice through good preparation, techniques and knowledge of basic food and nutrition. Students will experience in the following areas of study: marketing, menu management, career, commercial equipment, Cost control, Sustainability, cooking techniques, Plating/garnishing. Students have the opportunity to further explore the exciting and developing professions in the culinary industry using the National Restaurant Association ProStart curriculum. The ProStart program is designed for high school students to learn career-building skills and get a taste for success. Students will have the opportunity to compete on the ProStart Team for (National Restaurant Association).

Food Service Management

Course Code: 1040
Prerequisites: Culinary 2, Teacher Recommendation
Quality Points: 4.0
Duration: Full Year

Culinary Arts FSM expands on skills acquired in Culinary Arts 1, 2 and Baking and Pastry. Areas of study will include advanced culinary skill development and the development of management skills necessary to run a successful restaurant and building a restaurant from the ground up. Students will be able to demonstrate transferable skills, knowledge, and attributes for successful life management, employment, career development, post-secondary educational opportunities, and lifelong learning. Students will also have the opportunities to compete in ProStart CRA- NRA.

Intro to Coding for Video Games

Course Code: 33378
Prerequisites: IA Programming
Quality Points: 4.0
Duration: Full Year

This course introduces students to the fundamentals of game design and coding, exploring how interactive experiences are created. Students will learn basic programming concepts, game mechanics, and digital world-building through hands-on projects. Working individually and in teams, they will design, develop, and refine their own games while gaining problem-solving and creative thinking skills.

Digital Media and Movie Making (DM3)

Course Code: 892
Prerequisites: IA Programming
Quality Points: 4.0

Duration: Full Year

Students will learn about visual storytelling through digital media, beginning with Canva and e-portfolio creation before diving into the Video Production Process. They will develop skills in Pre-Production (planning) through storyboarding, Production (filming) by mastering camera angles and composition, and Post-Production (editing) using digital tools to refine their projects. Through hands-on projects and collaboration, students will create short films and digital content, building a strong foundation in media production.

Digital Media Movie Making Adv. Studio | QU FTM 100

Course Code: 1893 | 33406

Prerequisites: IA Programming, Digital Media & Movie Making

Quality Points: 4.0 | 5.0

Duration: Full Year

This project-based course for second- and third-year students builds on foundational skills in storyboarding, filming, and editing. Students will refine techniques in lighting, sound design, Foley sound production, and advanced video editing while collaborating as a production team. As a concurrent course with Quinnipiac University, students have the autonomy to create and produce their own films, preparing them for college-level media studies and industry careers.

Digital Skills 21

Course Code: 852

Prerequisites: IA Programming

Quality Points: 4.0

Duration: Full Year

This course is designed for newcomer Multilingual Learners to strengthen their understanding of using technology used in the Academic setting such as Macs and Google Suite apps through application.

Robotics

Course Code: 857

Prerequisites: IA Programming

Quality Points: 4.0

Duration: Full Year

This introductory course in robotics is specifically designed for multilingual learners who possess basic computer knowledge but have no prior exposure to electricity, robots, or mechanisms. The aim of the course is to provide students with a foundational understanding of robotics concepts, principles, and applications through hands-on projects.

Art Studio Mixed Media

Course Code: 689
Prerequisites: IA Programming
Quality Points: 4.0
Duration: Full Year

This class will give students the opportunity to explore different aspects of theatre while building their confidence as students and artists. Students will learn about different techniques that are used to create fascinating and visually engaging stage performances and be able to design and build their own creations! This class will rely heavily on collaboration in order to produce harmonious performances highlighting students' unique and original makeup, prop, and puppet designs. We will also use math skills to help in our designs and builds.

Comm 1 Graphic Tech

Course Code: 1014
Prerequisites: None
Quality Points: 4.0
Duration: Full Year

This hands-on course introduces students to the fundamentals of printing technology and graphic design in a commercial print shop setting. Students gain experience using Adobe Suite to create designs and operate both offset and digital presses. They also learn various finishing techniques to produce high-quality printed materials for real-world clients, including the City of New Haven and the school district. This course provides a strong foundation in the technical and creative aspects of the printing industry.

Comm 2 Advanced Graphic

Course Code: 1015
Prerequisites: Comm 1 Graphic Tech, Teacher Recommendation
Quality Points: 4.0
Duration: Full Year

A continuation of Comm 1, this advanced course allows students to refine and expand their skills in graphic design and printing technology. Working in a commercial print shop environment, students take on more complex projects using Adobe Suite, offset and digital presses, and advanced finishing techniques. Emphasis is placed on producing commercial-quality work for real-world clients while developing a professional portfolio. This course prepares students for further education or careers in the graphic communications industry.

Comm 3 Professional Graphics

Course Code:
Prerequisites: Comm 2 Advanced Graphic, Teacher Recommendation Only
Quality Points: 4.0
Duration: Full Year

This third-year course is designed for students who have mastered fundamental and advanced printing and design skills and are ready to take on real-world projects. Students will work on professional-level assignments for actual clients, focusing on high-quality production and customer service. This course also provides opportunities for hands-on work experience through the Youth@Work program, allowing students to gain valuable industry experience. With an emphasis on career readiness, students will build a professional portfolio, develop project management skills, and prepare for post-secondary education or entry-level careers in the graphic communications industry.

Foundations of Manufacturing Math

Course Code:

Prerequisites: Grade 9, Enrolled in Manufacturing Pathway

Quality Points: 5.0

Duration: Full Year

Introduction to Manufacturing

Course Code:

Prerequisites: Grade 9, Enrolled in Manufacturing Pathway

Quality Points: 5.0

Duration: Half Year, S1

CT STATE MFG 1424 Blueprint Reading

Course Code:

Prerequisites: Grade 9, Enrolled in Manufacturing Pathway

Quality Points: 5.0

Duration: Half Year, S2

CT STATE MFG 1409 Intro to Mastercam

Course Code:

Prerequisites: Grade 10, Enrolled in Manufacturing Pathway

Quality Points: 5.0

Duration: Full Year

CT STATE MFG 2200 Parametric Design with 3D Printing (Solidworks)

Course Code:

Prerequisites: Grade 10, Enrolled in Manufacturing Pathway

Quality Points: 5.0

Duration: Half Year, S1

Machine Engraving for Manufacturing

Course Code:

Prerequisites: Grade 10, Enrolled in Manufacturing Pathway

Quality Points: 5.0

Duration: Half Year, S2

CT STATE MFG 2444 CNC 1

Course Code:

Prerequisites: Grade 11, Enrolled in Manufacturing Pathway

Quality Points: 5.0

Duration: Full Year

Introduction to Welding

Course Code:

Prerequisites: Grade 11, Enrolled in Manufacturing Pathway

Quality Points: 5.0

Duration: Half Year, S1

CT STATE MFG 1420 Metrology

Course Code:

Prerequisites: Grade 11, Enrolled in Manufacturing Pathway

Quality Points: 5.0

Duration: Half Year, S2

CT STATE MFG CNC 2

Course Code:

Prerequisites: Grade 12, Enrolled in Manufacturing Pathway

Quality Points: 5.0

Duration: Full Year

CT STATE MFG 2405 Principles of CNC with Mastercam

Course Code:

Prerequisites: Grade 12, Enrolled in Manufacturing Pathway

Quality Points: 5.0

Duration: Full Year

World Language

Arabic 1

Course Code: 559

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

Arabic I is an introduction to the Modern Standard Arabic (MSA) language and the culture of the Arab world through the practice of real-world topics and tasks. Students will acquire basic knowledge and understanding of the writing system, sounds and pronunciations of the Arabic letters. Students will learn the basic rules of Arabic grammar and how to read and write basic sentences in Arabic. At the end of Level 1, students should be able to communicate in the topics they have studied using memorized words, phrases, and simple sentences. They will comprehend the main idea in short written and spoken texts and write short messages and notes on familiar topics. Students are expected to communicate in Arabic as much as possible.

Arabic 2

Course Code: 560

Prerequisites: Level 1 of Language

Quality Points: 4.0

Duration: Full Year

Arabic II continues to emphasize the development of listening, speaking, reading, and writing skills through real-world texts and experiences. Topics include vacations and travel, talking about growing up, schools around the world, and telling stories. Students are encouraged to compare cultures of the Arabic-speaking world to their own and use the language to learn more about themselves and others. At the end of Level II, students will be able to converse and write using simple sentences on familiar topics and understand the main idea and some supporting details in spoken or written texts. Students are expected to communicate in Arabic as much as possible.

Arabic 3 Honors

Course Code: 573

Prerequisites: Level 2 of Language, Teacher Recommendation

Quality Points: 4.5

Duration: Full Year

Arabic III is an intermediate-level course that expands the development of listening, speaking, reading and writing skills. Students will explore through unit themes of Iconic Figures, Doctor Visits & Health, Shopping & Fashion, and Fine Arts. At the end of Level III, students will be able to comprehend the main ideas and some

details in written and spoken texts on a variety of topics related to everyday life, write simple essays with connected sentences, and handle basic conversations on topics studied using sentences and strings of sentences. More advanced grammatical structures are included via real-world topics. Students are expected to communicate in Arabic the majority of the time.

Arabic 4 Honors

Course Code: 574

Prerequisites: Level 3 of Language, Teacher Recommendation

Quality Points: 4.5

Duration: Full Year

Arabic IV is an advanced level course that emphasizes classroom discourse, reading of authentic texts, and extended writing. Students develop a more complex vocabulary and learn advanced grammatical structures through topics related to the pre-AP themes of global challenges, contemporary life, science & technology, and beauty & aesthetics. At the end of Level IV, students will be able to comprehend the main ideas and some details in a variety of written and spoken texts, write essays with connected sentences, and handle a variety of conversations on topics studied using sentences and strings of sentences. Students are expected to communicate in Arabic.

NHS Arabic 1 Honors

Course Code: 6726

Prerequisites: Native/Heritage Speaker of Language, Teacher Recommendation

Quality Points: 4.5

Duration: Full Year

Native Speaker Arabic I is a beginning course intended for students who speak Arabic at home and are interested in improving their reading, writing, vocabulary and grammar skills. Students will practice language in cultural and literary contexts with an emphasis on enhancing reading and writing skills. Students will explore through unit themes of Iconic Figures, Doctor Visits & Health, Shopping & Fashion, and Fine Arts. Students are expected to communicate entirely in Arabic.

NHS Arabic 2 Honors

Course Code: 6722

Prerequisites: Native/Heritage Speaker of Language, Level 1 of Language

Quality Points: 4.5

Duration: Full Year

Native Heritage Speaker Arabic II is a continuation of Native Speaker Arabic I. It is intended for students who speak Arabic at home and are interested in improving their reading, writing, vocabulary and grammar skills. Students develop a more complex vocabulary and learn advanced grammatical structures through topics related to the pre-AP themes of global challenges, contemporary life, science & technology, and beauty &

aesthetics. A variety of grammatical structures will be reviewed and expanded upon. Students are expected to communicate in Arabic.

NHS Arabic 3 Honors

Course Code:

Prerequisites: Native/Heritage Speaker of Language, Level 2 of Language

Quality Points: 4.5

Duration: Full Year

Native Heritage Speaker Arabic III is recommended for students who have successfully completed Native Heritage Speaker Arabic II or new students with a formal educational background in Arabic, either in another country or in the Multilingual Learners program. Students will advance and refine their knowledge of the Arabic language and will be exposed to contemporary people and events to gain insight and achieve an understanding of global issues. Students are expected to communicate in Arabic.

NHS Arabic 4 Honors

Course Code:

Prerequisites: Native/Heritage Speaker of Language, Level 3 of Language

Quality Points: 4.5

Duration: Full Year

Native Heritage Speaker Arabic IV is recommended for students who have successfully completed Native Heritage Speaker Arabic III or new students with an advanced formal educational background in Arabic, either in another country or in the Multilingual Learners' program. Students will continue to advance and refine their proficiency in Arabic through extensive reading, writing and debate about current and historical events, contemporary Arabic social and environmental issues and literary works. Students are expected to communicate in Arabic.

Chinese 1

Course Code: 562

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

Chinese I is an introduction to the language and the culture through real-world topics and tasks in Mandarin Chinese. It stresses the development of initial listening, reading, writing and speaking skills. At the end of Level 1, students should be able to communicate in the topics they have studied using memorized words, phrases, and simple sentences. They will comprehend the main idea in short written and spoken texts and will write short messages and notes on familiar topics. Students are expected to communicate in Chinese as much as possible.

Chinese 2

Course Code: 563

Prerequisites: Level 1 of Language

Quality Points: 4.0

Duration: Full Year

Chinese II continues to emphasize the development of listening, speaking, reading, and writing skills through real-world texts and topics related to Chinese culture, vacations and travel, talking about growing up, schools around the world, and telling stories. At the end of Level II, students will be able to converse and write using simple sentences on familiar topics and understand the main idea and some supporting details in spoken or written texts. Students are expected to communicate in Chinese as much as possible.

Chinese 3 Honors

Course Code: 564

Prerequisites: Level 2 of Language, Teacher Recommendation

Quality Points: 4.5

Duration: Full Year

Chinese III is an intermediate-level course that expands the development of listening, speaking, reading and writing skills in Mandarin Chinese. Students will explore through unit themes of Iconic Figures, Doctor Visits & Health, Shopping & Fashion, and Fine Arts. At the end of Level III, students will be able to comprehend the main ideas and some details in written and spoken texts on a variety of topics related to everyday life, write simple essays with connected sentences, and handle basic conversations on topics studied using sentences and strings of sentences. Students are expected to communicate in Chinese the majority of the time.

Chinese 4 Honors

Course Code: 565

Prerequisites: Level 3 of Language, Teacher Recommendation

Quality Points: 4.5

Duration: Full Year

Chinese IV is an advanced level course that emphasizes classroom discourse, reading of authentic texts, and extended writing. Students develop a more complex vocabulary and learn advanced grammatical structures through topics related to the pre-AP themes of global challenges, contemporary life, science & technology, and beauty & aesthetics. At the end of Level IV, students will be able to comprehend the main ideas and some details in a variety of written and spoken texts, write essays with connected sentences, and handle a variety of conversations on topics studied using sentences and strings of sentences. Students are expected to communicate in Chinese.

French 1

Course Code: 511

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

French I is an introduction to the language and the culture of the French-speaking world and local community through real-world topics and tasks. It is designed for students with little or no previous background in the language and stresses the development of initial listening, reading, writing and speaking skills. At the end of Level 1, students should be able to communicate in the topics they have studied using memorized words, phrases, and simple sentences. They will comprehend the main idea in short written and spoken texts and will write short messages and notes on familiar topics. Students are expected to communicate in French as much as possible.

French 2

Course Code: 512

Prerequisites: Level 1 of Language

Quality Points: 4.0

Duration: Full Year

French II continues to emphasize the development of listening, speaking, reading, and writing skills through real-world texts and topics related to French culture, vacations and travel, talking about growing up, schools around the world, and telling stories. Students are encouraged to compare cultures of the French-speaking world to their own and use the language to learn more about themselves and others. At the end of Level II, students will be able to converse and write using simple sentences on familiar topics and understand the main idea and some supporting details in spoken or written texts. Students are expected to communicate in French as much as possible.

French 3 Honors

Course Code: 513

Prerequisites: Level 2 of Language, Teacher Recommendation

Quality Points: 4.5

Duration: Full Year

French III is an intermediate-level course that expands the development of listening, speaking, reading and writing skills. Students will explore through pre-AP unit themes of Iconic Figures, Doctor Visits & Health, Shopping & Fashion, and Fine Arts. At the end of Level III, students will be able to comprehend the main ideas and some details in written and spoken texts on a variety of topics related to everyday life, write simple essays with connected sentences, and handle basic conversations on topics studied using sentences and strings of sentences. Students are expected to communicate in French the majority of the time.

French 4 Honors

Course Code: 514

Prerequisites: Level 3 of Language, Teacher Recommendation

Quality Points: 4.5

Duration: Full Year

French IV is an advanced level course that emphasizes classroom discourse, reading of authentic texts, and extended writing. Students develop a more complex vocabulary and learn advanced grammatical structures through topics related to the pre-AP themes of Global Challenges, Contemporary Life, Science & Technology, and Beauty & Aesthetics. At the end of Level IV, students will be able to comprehend the main ideas and some details in a variety of written and spoken texts, write essays with connected sentences, and handle a variety of conversations on topics studied using sentences and strings of sentences. Students are expected to communicate in French.

Italian 1

Course Code: 521

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

Italian I is an introduction to the language and the culture of Italy through real-world topics and tasks. It is designed for students with little or no previous background in the language and stresses the development of initial listening, reading, writing and speaking skills. At the end of Level 1, students should be able to communicate in the topics they have studied using memorized words, phrases, and simple sentences. They will comprehend the main idea in short written and spoken texts and will write short messages and notes on familiar topics. Students are expected to communicate in Italian as much as possible.

Italian 2

Course Code: 522

Prerequisites: Level 1 of Language

Quality Points: 4.0

Duration: Full Year

Italian II continues to emphasize the development of listening, speaking, reading, and writing skills through real-world texts and experiences. Topics include vacations and travel, talking about growing up, schools around the world, and telling stories. Students are encouraged to compare Italian culture to their own and use the language to learn more about themselves and others. At the end of Level II, students will be able to converse and write using simple sentences on familiar topics and understand the main idea and some supporting details in spoken or written texts. Students are expected to communicate in Italian as much as possible.

Italian 3 Honors

Course Code: 523

Prerequisites: Level 2 of Language, Teacher Recommendation

Quality Points: 4.5

Duration: Full Year

Italian III is an intermediate level course that expands the development of listening, speaking, reading and writing skills. Students will explore through unit themes of Iconic Figures, Doctor Visits & Health, Shopping & Fashion, and Fine Arts. At the end of Level III, students will be able to comprehend the main ideas and some details in written and spoken texts on a variety of topics related to everyday life, write simple essays with connected sentences, and handle basic conversations on topics studied using sentences and strings of sentences. More advanced grammatical structures are included via real-world topics. Students are expected to communicate in Italian the majority of the time.

Italian 4 Honors

Course Code: 524

Prerequisites: Level 3 of Language, Teacher Recommendation

Quality Points: 4.5

Duration: Full Year

Italian IV is an advanced level course that emphasizes classroom discourse, reading of authentic texts, and extended writing. Students develop a more complex vocabulary and learn advanced grammatical structures through topics related to the pre-AP themes of global challenges, contemporary life, science & technology, and beauty & aesthetics. At the end of Level IV, students will be able to comprehend the main ideas and some details in a variety of written and spoken texts, write essays with connected sentences, and handle a variety of conversations on topics studied using sentences and strings of sentences. Students are expected to communicate in Italian.

AP Spanish Language & Culture

Course Code: 543

Prerequisites: Level 3 of Language, Teacher Recommendation

Quality Points: 5.0

Duration: Full Year

AP Spanish Language is a college level course for advanced Spanish language students. An emphasis will be placed on achieving an Advanced Level of Oral Proficiency according to the national foreign language (ACTFL) standards. Students are required to take the AP Spanish Language Exam. Those students who score a 3, 4, or 5 on the exam are eligible for advanced placement at participating colleges and universities.

AP Spanish Literature

Course Code: 544

Prerequisites: Level 3 of Language, Teacher Recommendation

Quality Points: 5.0

Duration: Full Year

The AP Spanish Literature course is designed to provide students who are fluent in Spanish language with a learning experience equivalent to that of a third year college course in Spanish Peninsular as well as Latin American literature. Students will read a diversity of literature and reflect on the many voices and cultures

included in this rich literature. Texts will be chosen from several periods including the Medieval and Golden Age, as well as the nineteenth and twentieth centuries. Students are required to take the AP Exam in each AP course for which they are enrolled. An AP contract must be signed by both an AP student and a parent for the student to complete enrollment. All AP courses may have additional requirements.

NHS Spanish 1 Honors

Course Code: 545

Prerequisites: Native/Heritage Speaker of Language

Quality Points: 4.5

Duration: Full Year

Native Speaker Spanish I is a beginning course intended for students who speak Spanish at home and are interested in improving their reading, writing, vocabulary and grammar skills. Students will practice language in cultural and literary contexts with an emphasis on enhancing reading and writing skills. Students will explore through unit themes of Iconic Figures, Doctor Visits & Health, Shopping & Fashion, and Fine Arts. . Students are expected to communicate in Spanish.

NHS Spanish 2 Honors

Course Code: 546

Prerequisites: Level 1 of Language, Native/Heritage Speaker of Language

Quality Points: 4.5

Duration: Full Year

Native Speaker Spanish II is a continuation of Native Speaker Spanish I. It is intended for students who speak Spanish at home and are interested in improving their reading, writing, vocabulary and grammar skills. Students will practice more complex reading, writing, listening, and speaking skills through cultural, historical, literary, and current events topics. A variety of grammatical structures will be reviewed and expanded upon. Students are expected to communicate fully in Spanish.

NHS Spanish 3 Honors

Course Code: 547

Prerequisites: Level 2 of Language, Native/Heritage Speaker of Language, Teacher Recommendation

Quality Points: 4.5

Duration: Full Year

Native Heritage Speaker Spanish III is recommended for students who have successfully completed Native Heritage Speaker Spanish II or new students with a formal educational background in Spanish, either in another country or in the Multilingual Learners program. Students will advance and refine their knowledge of the Spanish language and will be exposed to contemporary people and events to gain insight and achieve an understanding of global issues. Students are expected to communicate in Spanish.

NHS Spanish 4 Honors

Course Code:

Prerequisites: Level 3 of Language, Native/Heritage Speaker of Language, Teacher Recommendation

Quality Points: 4.5

Duration: Full Year

Native Heritage Speaker Spanish IV is recommended for students who have successfully completed Native Heritage Speaker Spanish III or new students with an advanced formal educational background in Spanish, either in another country or in the Multilingual Learners' program. Students will continue to advance and refine their proficiency in Spanish through extensive reading, writing and debate about current and historical events, contemporary social and environmental issues and literary works. Students are expected to communicate in Spanish.

Spanish 1

Course Code: 532

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

Spanish I is an introduction to the language and the culture of the Spanish-speaking world and local community through real-world topics and tasks. It is designed for students with little or no previous background in the language and stresses the development of initial listening, reading, writing and speaking skills. At the end of Level 1, students should be able to communicate in the topics they have studied using memorized words, phrases, and simple sentences. They will comprehend the main idea in short written and spoken texts and will write short messages and notes on familiar topics. Students are expected to communicate in Spanish as much as possible.

Spanish 2

Course Code: 535

Prerequisites: Level 1 of Language

Quality Points: 4.0

Duration: Full Year

Spanish II continues to emphasize the development of listening, speaking, reading, and writing skills through real-world texts and experiences. Topics include vacations and travel, talking about growing up, schools around the world, and telling stories. Students are encouraged to compare cultures of the Spanish-speaking world to their own and use the language to learn more about themselves and others. At the end of Level II, students will be able to converse and write using simple sentences on familiar topics and understand the main idea and some supporting details in spoken or written texts. Students are expected to communicate in Spanish as much as possible.

Spanish 3 Honors

Course Code: 538

Prerequisites: Level 2 of Language, Teacher Recommendation

Quality Points: 4.5

Duration: Full Year

Spanish III is an intermediate-level course that expands the development of listening, speaking, reading and writing skills. Students will explore through pre-AP unit themes of Iconic Figures, Doctor Visits & Health, Shopping & Fashion, and Fine Arts. At the end of Level III, students will be able to comprehend the main ideas and some details in written and spoken texts on a variety of topics related to everyday life, write simple essays with connected sentences, and handle basic conversations on topics studied using sentences and strings of sentences. Students are expected to communicate in Spanish the majority of the time.

Spanish 4 Honors

Course Code: 540

Prerequisites: Level 3 of Language, Teacher Recommendation

Quality Points: 4.5

Duration: Full Year

Spanish IV is an advanced level course that emphasizes classroom discourse, reading of authentic texts, and extended writing. Students develop a more complex vocabulary and learn advanced grammatical structures through topics related to the pre-AP themes of Global Challenges, Contemporary Life, Science & Technology, and Beauty & Aesthetics. At the end of Level IV, students will be able to comprehend the main ideas and some details in a variety of written and spoken texts, write essays with connected sentences, and handle a variety of conversations on topics studied using sentences and strings of sentences. Students are expected to communicate in Spanish.

Heritage Speaker Spanish Literacy

Course Code: 70894

Prerequisites: Native/Heritage Speaker of Language, IA Programming, Teacher Recommendation

Quality Points: 4.0

Duration: Full Year

This course is designed for heritage speakers of Spanish and are newcomer Multilingual Learners. The course is designed to support foundational literacy and academic skills in Spanish as well as further develop academic speaking, listening, reading & writing.

Fine Arts

Acting I

Course Code: 658

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

The objective of the course is to give students an overview of theatre in general. The super objective of this course is to introduce, familiarize, and ultimately adopt students into a consistent and challenging performance-based learning environment. Acting 1 covers a bold and broad spectrum of topics, ranging from EMPATHY and its importance in life (on and off the stage), to PLAYWRITING and ACTORS PROCESS, as well as units covering significant elements/moments in theater history spanning over thousands of years.

Advanced Acting | SCSU THR 121

Course Code: 798/3489

Prerequisites: Acting 1

Quality Points: 4.0

Duration: Full Year

Advanced Acting builds upon the bold and broad spectrum of topics covered in ACTING 1, preparing any student actor for the many different challenges they will face if they elect to continue their journey into the world of Theatre/Acting/Performance in both the collegiate and professional world. This almost exclusively performance-based course will not only continue to establish a strong foundation of Dramatic Arts knowledge, but will challenge students, through rigorous performance-based and student facilitated "acting workshops", as well as, among other tasks, group projects, and real-world audition experiences to solidify understanding of Acting as a craft. The goal of Advanced Acting is to assist students in their quest to gain a better understanding of themselves -- both as performers and empathetic human beings. Before any actor can truly embody any one character, he/she must first uncover their own TRUTH (goals, aspirations, limitations and ultimate possibilities), trusting the process along the way. This is a concurrent class with Southern Connecticut State University.

Rehearsal & Performance

Course Code: 644

Prerequisites: Acting 1

Quality Points: 4.0

Duration: Half Year

Building on the foundation of Technical Theatre, this advanced course focuses on the artistic and logistical aspects of producing a stage production from a behind-the-scenes perspective. Students will explore design, directing, and stage management while developing their own creative vision for a fully realized theatrical production. Through in-depth studies of scenic, lighting, sound, costume, and makeup design—as well as production planning and leadership—students will take on the role of theatre-makers, shaping the storytelling process from concept to execution.

The course culminates in a capstone project, where students will brainstorm, plan, and present a comprehensive production concept for an original stage performance. This final presentation will demonstrate

their ability to merge creativity with practical design and organizational skills, preparing them for real-world theatre production roles. This course is taken with Technical Theater Semester 1.

Technical Theater

Course Code: 792

Prerequisites: Acting 1

Quality Points: 4.0

Duration: Half Year

This hands-on course introduces students to the fundamental crafts of technical theatre, including scenic design, lighting, sound, costuming, makeup, and stage management. Students will explore the creative and logistical aspects of production through practical projects, working with industry-standard tools, materials, and techniques. Emphasis will be placed on collaboration, problem-solving, and safety in the theatre. Students will contribute to the technical elements of school productions, gaining real-world experience in bringing a theatrical vision to life. No prior experience is necessary, making this course ideal for those interested in the behind-the-scenes magic of theatre. This course is taken with Rehearsal & Performance Semester 2.

Band I

Course Code: 748

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

This is a full-year elective course, which focuses on the techniques, skills and musical experiences that are associated with a beginning-intermediate level course in instrumental music. Students may learn how to play a musical instrument for the first time or review previously learned musical skills by electing this course. A strong commitment to participating in public performances is expected of each class member; this class will play in at least two concerts during the year. Proper performance attire required. Daily practice is expected.

Band II

Course Code: 749

Prerequisites: Band I, Teacher Recommendation

Quality Points: 4.0

Duration: Full Year

This is a full-year elective course which focuses on the techniques, skills, and musical experiences that are associated with an intermediate to advanced level course in instrumental music. In addition, instruction in music of the wind band repertory and the history of music will be provided. Students who elect this course should have at least intermediate-advanced proficiency on their instrument. Students interested in playing the percussion for this class must see the instructor for an audition. Performances will include playing at athletic events and other school functions and concerts. Proper performance attire is required.

Advanced Band

Course Code: 750A

Prerequisites: Band 1, Band 2, Teacher Recommendation

Quality Points: 4.5

Duration: Full Year

This is a full-year elective course which focuses on the techniques, skills, and musical experiences that are associated with an intermediate to advanced level course in instrumental music. In addition, instruction in music of the wind band repertory and the history of music will be provided. Students who elect this course should have at least intermediate-advanced proficiency on their instrument. Students interested in playing the percussion for this class must see the instructor for an audition. Performances will include playing at athletic events and other school functions. The course is divided into two sections; Marching Band in the Fall and Concert Band in the Spring. Students who are enrolled in Honors Band are expected to audition for CMEA Regional Music Festival and encouraged to audition for CMEA All-State. A strong commitment to participating in public performances is expected of each class member. Proper performance attire required.

Instrumental Strings

Course Code: 757

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

At the end of the course, the student will be able to, perform with a level of craft and mastery on Violin, Viola, Cello or Double Bass, communicate with and lead other musicians in performance, practice and develop skills with mindfulness, efficiency, and purpose.

Jazz Ensemble

Course Code: 755

Prerequisites: Teacher Recommendation

Quality Points: 4.5

Duration: Full Year

This is a full-year elective course, which focuses on the techniques, skills and musical experiences that are associated with an intermediate level course in instrumental music. In addition, instruction in music of the jazz repertory and improvisation will be provided. Students who elect this course should have at least a beginning or advanced proficiency on their instrument. Students interested in playing drum set, piano, or bass guitar for this class must see the instructor for an audition. A strong commitment to participating in public performances is expected of each class member. Proper performance attire required.

Chorus I

Course Code: 730

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

Chorus 1 is a vocal group of mixed male and female voices for grades 9 & 10. The aim of Chorus 1 is to acquaint and train students in choral and general music. This course is open to students with the gift and talents for singing. This course will also develop proper vocal techniques, styles and music reading skills as well as solo and part singing in performing a variety of music in many different styles. All chorus participants will be required to perform in many school and community performances.

Advanced Chorus

Course Code: 731A

Prerequisites: Chorus

Quality Points: 4.0

Duration: Full Year

The Advanced Chorus is a vocal group of mixed male and female voices. The music performed by this group will be of a more challenging nature, singing a wide variety of music such as classical, show tunes, popular, spirituals, etc. The Advanced group is required to perform in scheduled school and community performances as well as participation in state competitions.

Recording Arts

Course Code: 793

Prerequisites: Grade 11, Grade 12

Quality Points: 4.0

Duration: Full Year

This course is designed to help students learn music through the use of music technology. Students will learn the fundamental elements of music, musical form, musical style and how to manipulate musical elements to influence style through electronic music composition. Students will also learn the fundamentals of analog and digital recording in the recording studio. Topics covered include music theory, basic keyboard skills, digital sequencing and sound processing, microphone techniques, acoustics, digital recording software as well as college and career connections.

Exploring Visual Design

Course Code: 602

Prerequisites: None

Quality Points: 4.0

Duration: Full Year

Introductory art offers an opportunity to focus on basic designs that deal with the elements and principles of art. The course focuses on the development of creativity and skills in projects that involve drawing, design,

painting, printmaking, crafts, sculpture, cartooning and art history, as well as involvement with school related activities.

Advanced Drawing

Course Code: 629

Prerequisites: Exploring Visual Design

Quality Points: 4.0

Duration: Half Year

Concentration on different techniques of drawing starting with beginning exercises (e.g.) Continuous contour); delve into Shading, Movement Drawings, Peephole, Scratch book Drawing, Nature and Animal Drawings. Students will also work with a variety of mediums; e.g. pen charcoal, pen and ink, markers.

Advanced Painting

Course Code: 630

Prerequisites: Exploring Visual Design

Quality Points: 4.0

Duration: Half Year

This course focuses on the student's individual creative expression through water color, tempera, acrylic and oil painting techniques.

Cartooning

Course Code: 613

Prerequisites: Exploring Visual Design

Quality Points: 4.0

Duration: Full Year

Students will explore the steps and techniques for creating characters and visual stories. Using the examples of Disney, Anime, Graphic Novels and classic comics, we will conduct artistic investigations into what makes an impactful character.

Ceramics

Course Code: 631

Department: FINE ARTS

Prerequisites: Exploring Visual Design

Quality Points: 4.0

Duration: Half Year

This introduces hand-building clay techniques. Students will learn coil, slab and pinch hand building methods along with glazing techniques. This course is taken with Printmaking.

Printmaking

Course Code: 628

Prerequisites: Exploring Visual Design

Quality Points: 4.0

Duration: Half Year

Printmaking is a second level art course that explores a variety of printmaking techniques, with mono prints, relief prints and more. Basic Elements of Art and Principles of Design will be stressed within printed compositions. Class activities are project based giving students an opportunity to practice art fundamentals while learning technical skills in Printmaking.

Digital Art

Course Code: 655

Prerequisites: Exploring Visual Design

Quality Points: 4.0

Duration: Full Year

This course is an introduction to creating art on the computer. Students will work with both vector and raster programs and create their own unique art works. Projects will be based on learning the elements & principles of art, as well as translating traditional art mediums in a digital space.

Photography 1

Course Code: 1001

Prerequisites: Exploring Visual Design

Quality Points: 4.0

Duration: Full Year

This course introduces the fundamentals of photography through both digital and darkroom modes. 35 mm camera mechanics and basic darkroom techniques will be examined and experimented with. Students will begin to develop their own photographic eye and style. Special emphasis will be given to photographic design and composition throughout the course. Students will study the techniques of master photographers as well as contemporary artists. Cell phone camera or another personal camera device is strongly recommended.

Advanced Photography | SCSU ART 264

Course Code: 640/3535

Department: FINE ARTS

Prerequisites: Exploring Visual Design, Photography

Quality Points: 4.0

Duration: Full Year

This course is offered to students who have completed one year of photography and are ready to move on to the next level. Advanced projects such as light box photography, alternative light source, double exposure,

and digital manipulation are among the techniques that will be explored as well as techniques of contemporary art photographers. Cell phone camera or another personal camera device is strongly recommended, although DSLRs will also be supplied and signed out. This class is a concurrent class with Southern Connecticut State University.

Yearbook

Course Code: 684

Prerequisites: Grade 11, Grade 12

Quality Points: 4.0

Duration: Full Year

This full-year course offers students an introduction to the basic elements of visual communication and the print world. Students will learn the fundamentals of photography as they document important events from the school year. Students will develop their pre-collegiate communication skills via reporting, writing, class discussions, presentations, and publications. Students will create the yearbook using an online design program, market and sell the book, and be a part of the delivery event. Course can be rigorous. Involves work outside of class, multi-tasking, deadlines and good attendance.

AP 2D Design Portfolio

Course Code: 637

Prerequisites: Teacher Recommendation, Advanced Art Class, Exploring Visual Design

Quality Points: 5.0

Duration: Full Year

Taught in addition to the arts block electives, this challenging portfolio course is modeled after an entry-level college course and is authorized by the College Board. The course focus is to build skills, stretch creative thinking and enhance student portfolios in the areas of depth in a single theme/medium and breadth in a range of media and techniques. Students will work in a variety of media, using numerous techniques, concentrating in one area for an extended period to develop depth in their portfolios. They will compile digital portfolios to be sent to the College Board to determine eligibility for college credit.

Modern Band

Course Code: 717

Prerequisites: IA Programming

Quality Points: 4.0

Duration: Full Year

Students will play guitar and learn skills on acoustic and electric. They will also have an opportunity to try playing ukulele, drums, piano, bass and singing. No previous experience is necessary, just the desire to make music. Public performance opportunities will be available.

ECA 1

Course Code: 711
Prerequisites: ECA Acceptance
Quality Points: 4.5
Duration: Full Year

We at ECA believe in the capacity of the human spirit to CREATE, CONNECT and TRANSFORM. Through the intensive study of music, dance, theatre, writing or the visual arts, ECA students learn alongside practicing artists and peers as they discover their creative potential. At ECA, we question and collaborate, play and perform, as we explore ourselves and our world. Applications will open for submission in October and are due February 8, 2025 for 1st priority. We accept applications on a rolling basis after the due date and applicants will be placed on a wait list if all district spots are filled. ECA:

<https://www.aces.org/schools-programs/magnet-schools/educational-center-for-the-arts/admissions/overview>

ECA 2

Course Code: 712
Prerequisites: ECA Acceptance
Quality Points: 4.5
Duration: Full Year

We at ECA believe in the capacity of the human spirit to CREATE, CONNECT and TRANSFORM. Through the intensive study of music, dance, theatre, writing or the visual arts, ECA students learn alongside practicing artists and peers as they discover their creative potential. At ECA, we question and collaborate, play and perform, as we explore ourselves and our world. Applications will open for submission in October and are due February 8, 2025 for 1st priority. We accept applications on a rolling basis after the due date and applicants will be placed on a wait list if all district spots are filled. ECA:

<https://www.aces.org/schools-programs/magnet-schools/educational-center-for-the-arts/admissions/overview>

ECA 3

Course Code: 713
Prerequisites: ECA Acceptance
Quality Points: 4.5
Duration: Full Year

We at ECA believe in the capacity of the human spirit to CREATE, CONNECT and TRANSFORM. Through the intensive study of music, dance, theatre, writing or the visual arts, ECA students learn alongside practicing artists and peers as they discover their creative potential. At ECA, we question and collaborate, play and perform, as we explore ourselves and our world. Applications will open for submission in October and are due February 8, 2025 for 1st priority. We accept applications on a rolling basis after the due date and applicants will be placed on a wait list if all district spots are filled. ECA:

<https://www.aces.org/schools-programs/magnet-schools/educational-center-for-the-arts/admissions/overview>

ECA 4

Course Code: 714
Prerequisites: ECA Acceptance
Quality Points: 4.5
Duration: Full Year

We at ECA believe in the capacity of the human spirit to CREATE, CONNECT and TRANSFORM. Through the intensive study of music, dance, theatre, writing or the visual arts, ECA students learn alongside practicing artists and peers as they discover their creative potential. At ECA, we question and collaborate, play and perform, as we explore ourselves and our world. Applications will open for submission in October and are due February 8, 2025 for 1st priority. We accept applications on a rolling basis after the due date and applicants will be placed on a wait list if all district spots are filled. ECA:

<https://www.aces.org/schools-programs/magnet-schools/educational-center-for-the-arts/admissions/overview>

Interdisciplinary Electives

Senior Seminar

Course Code: 7092
Prerequisites: Grade 12
Quality Points: 4.0
Duration: Half Year

Students Create a Capstone project is an exercise in self awareness and reflection on their high school years - acknowledging what they have accomplished, reflecting on how they have grown and recognizing what they still need to do to prepare for life after high school. In the senior seminar class, students focus on creating a Capstone project in which they discuss how they have learned six 21st century skills that will help them become an independent adult. They share evidence in the form of schoolwork and independent experiences in and outside of the classroom to document their learning. This is a half year class that culminates in a completed presentation shared with a Capstone committee.

Teacher Assistant

Course Code: 2024
Prerequisites: Grade 12
Quality Points: 4.0
Duration: Full Year

Students support and assist a teacher in a dedicated class. Supporting and assisting teachers may include but is not limited to supporting small groups of students, working one on one with students, creating bulletin boards or classroom displays, helping with paperwork and organization.

Peer Leadership

Course Code: 7004

Prerequisites: Grade 10, Grade 11, Grade 12

Quality Points: 4.0

Duration: Full Year

This course offers a great opportunity for students to foster meaningful relationships with peers from a self-contained educational setting. Peer leaders work to guide classmates in appropriate classroom expectations by modeling social skills, self-awareness and following classroom routines. They also have opportunities to participate in experiential opportunities to support skill transference across educational environments. This is a fantastic opportunity for students looking to engage in careers such as teaching, social work, occupational, physical and recreational therapies.

Special Education Programming

Art Foundations

Course Code: 605

Prerequisites: Per IEP, Case Manager Recommendation

Quality Points: 4.0

Duration: Full Year

Art Foundations is a course designed for life skills students in grades 9-12, introducing basic art concepts and techniques. Students will explore various mediums and create hands-on projects, fostering creativity and self-expression. This course emphasizes sensory exploration, fine motor skill development, and building confidence through artistic achievement. Foundational Art aims to provide a fun and engaging environment where students can explore their artistic potential.

Career Portfolio - Transition Seminar: A Future in Focus

Course Code: 70895

Prerequisites: Per IEP, Grade 11, Grade 12

Quality Points: 4.0

Duration: Full Year

Transition Seminar: A Future in Focus encourages students to make realistic goals for their vocational interests and skills. This course helps students align their career interests with appropriate entry-level job positions where they can gain valuable insight into career options. In addition, students engage in learning pre-vocational tasks within the school setting. Instructional practices are geared towards Individual Education Plan Goals and Objectives.

Adaptive PE/Health

Course Code: 4018

Prerequisites: Per IEP, Case Manager Recommendation

Quality Points: 4.0

Duration: Full Year

Adaptive PE is a class offered to students in Self Contained classes. This class is an alternative gym class that has multiple peers from general education classes to help guide and support the students throughout various gym activities. Activities played in the gym are basketball, volleyball, badminton, yard games, and many more. This class is taught by a Special Education teacher and a gym teacher with multiple paraprofessional supports in place. Instructional practices are geared towards Individual Education Plan Goals and Objectives.

Daily Living

Course Code: 4251

Prerequisites: Per IEP

Quality Points: 4.0

Duration: Full Year

Daily Living in the Self-Contained setting helps students foster independent living and self-care skills including self-awareness, advocacy and expression. Students work with their peers to engage in meaningful classroom activities that help support their learning. Instructional practices are geared towards Individual Education Plan Goals and Objectives.

Life Skills - Science

Course Code: 4010

Prerequisites: Per IEP

Quality Points: 4.0

Duration: Full Year

Life Skills Science in the Self-Contained setting encourages students to take a hands-on approach to learning through sensory integration with experiential opportunities. This functional approach to science instruction includes learning about weather patterns, body systems, nature cycles, animals and more. Instructional practices are geared towards Individual Education Plan Goals and Objectives.

Life Skills

Course Code: 4901

Prerequisites: Per IEP

Quality Points: 4.0

Duration: Full Year

Life Skills in the Self-Contained setting help engage students in independent living and self-care tasks. These skills include community safety and awareness skills. Instructional practices are geared towards Individual Education Plan Goals and Objectives.

Vocational

Course Code: 4252

Prerequisites: Per IEP
Quality Points: 4.0
Duration: Full Year

Vocational instruction in the Self-Contained setting encourages students to build on pre-vocational skills through hands-on experience in the classroom setting. This helps students engage in novel tasks, build on familiar tasks and learn to engage appropriately with feedback in vocational work. Instructional practices are geared towards Individual Education Plan Goals and Objectives.

Life Skills - English

Course Code: 4902
Prerequisites: Per IEP
Quality Points: 4.0
Duration: Full Year

Life Skills English courses take a functional approach to academics that help support students apply reading and writing concepts in real world settings. Emphasis on practical skills such as sign recognition, functional reading skills, comprehension skills and functional writing. Instructional practices are geared towards Individual Education Plan Goals and Objectives.

Life Skills - Math

Course Code: 4903
Prerequisites: Per IEP
Quality Points: 4.0
Duration: Full Year

Life Skills Mathematics courses take a functional approach to academics that helps support students apply mathematics skills in real world settings. Emphasis on practical skills such as time and money concepts. Instructional practices are geared towards Individual Education Plan Goals and Objectives.

Daily English (OCC)

Course Code: 4249
Department: Special Education: Off Campus Classroom (OCC)
Prerequisites: Per IEP
Quality Points: 4.0
Duration: Full Year

Daily English is a course for identified students within the OCC program where students practice their functional English skills. Students engage in functional English skills such as workplace reading, recipe following, community reading, etc. Instructional practices are geared towards Individual Education Plan Goals and Objectives.

Daily Math (OCC)

Course Code: 4248
Prerequisites: Per IEP
Quality Points: 4.0
Duration: Full Year

Daily Math is a course for identified students within the OCC program where students practice their functional math skills. Students engage in functional math skills including budgeting, banking, reading a paycheck, etc. Instructional practices are geared towards Individual Education Plan Goals and Objectives.

Work Internship (OCC)

Course Code: 4250
Prerequisites: Per IEP
Quality Points: 4.0
Duration: Full Year

Work Internship is a course for identified students within the OCC program that engages students in hands-on work experiences in the community setting. Here students work with a job coach to complete tasks, follow directions in a workplace setting and further explore their interests and skills in a vocational setting. Instructional practices are geared towards Individual Education Plan Goals and Objectives.

Work Readiness Skills (OCC)

Course Code: 4246
Prerequisites: Per IEP
Quality Points: 4.0
Duration: Full Year

Work Readiness Skills is a course for identified students within the OCC program to introduce the necessary skills for employment including collaboration, communication, functional reading. In addition this course helps students gain insight into appropriate behaviors in the workplace, interviewing skills, reading a paycheck and following a work schedule. Instructional practices are geared towards Individual Education Plan Goals and Objectives.

Resource

Course Code: 4001
Prerequisites: Per IEP
Quality Points: 4.0
Duration: Full Year

Resource Room is specialized supplementary instruction in a small group setting to allow students to work on IEP goals and objectives in addition to post-secondary goals. Students will also work on their class work as well that may be needed.

Specialized Instruction: Literacy/Math

Course Code: 70896

Prerequisites: Per IEP, Grade 9, Case Manager Recommendation

Quality Points: 4.0

Duration: Full Year

This course provides targeted instruction in literacy and math skills, focusing on individual student needs as identified in their IEPs. Students will receive direct instruction and practice designed to reinforce and extend skills taught in their general education and resource classes. The goal of this course is to equip students with the necessary strategies and skills to achieve their IEP goals and promote academic success. This course complements and supports the work done in the student's resource class.

Wilson Reading

Course Code: 4008

Prerequisites: Per IEP

Quality Points: 4.0

Duration: Full Year

This course utilizes the Wilson Reading System, a multisensory structured literacy program, to improve reading and spelling skills for students in grades 9-12. Students will receive explicit and systematic instruction in phonological awareness, phonics, and reading comprehension. The program aims to equip students with the necessary tools to become independent and proficient readers.

Writing Workshop

Course Code: 150

Prerequisites: Per IEP

Quality Points: 4.0

Duration: Full Year

This course is designed to help Self-Contained students engage in the writing and editing process with peer feedback. Students work together and share their writing skills to complete different styles of writing to express themselves in written form. Instructional practices are geared towards Individual Education Plan Goals and Objectives.

International Academy: A Newcomer Program for Multilingual Learners

International Academy is a program for students who have recently arrived (within 3 years or less) to the United States and are not Native Heritage English speakers. International Academy supports and provides resources for Immigrant and Refugee students as well as newcomer students with limited or interrupted education (SLIFE). Students in International Academy stay with the Academy all four years. When students enter the program they are given mostly Sheltered Content classes and as they progress through the program students will have increasing access to courses outside of the program. Students newly arriving also will also have a newcomer ESL

course called ACCELL if needed and access to a foundational math course to support SLIFE students. Below are the courses for each grade level in International Academy. While generally students follow the below trajectory and programming, school counselors work with ESL teachers to tailor each student's experience based on student needs and individual pathway to graduation.

Grade 9

- English 1, Sheltered Content
- Algebra 1, Sheltered Content
- Integrated Science, Sheltered Content
- Modern World History, Sheltered Content
- Physical Education
- Digital Skills (or) Introduction to Robotics
- Writing Seminar: Fundamentals of Academic Writing
- World Language: Native Heritage Speaker Spanish or Arabic; or: Spanish, French, Italian, Chinese, Arabic

Grade 10

- English 1, Sheltered Content
- Geometry, Sheltered Content
- Integrated Science, Sheltered Content
- Modern World History, Sheltered Content
- Art Studio Mixed Media (or) other fine arts elective
- Digital Media Movie Making (or) Introduction to Video Game Design
- Writing Seminar: Composition
- World Language: Native Heritage Speaker Spanish or Arabic; or: Spanish, French, Italian, Chinese, Arabic

Grade 11

- English 3, Sheltered Content
- Algebra 2, Sheltered Content
- Chemistry, Sheltered Content
- US History, Sheltered Content
- Global Leadership (or) African American, Black, Latino & Puerto Rican Studies
- Personal Finance
- Writing Seminar: Creative Writing in the Digital Age
- World Language: Native Heritage Speaker Spanish or Arabic; or: Spanish, French, Italian, Chinese, Arabic
- Seal of Biliteracy

Grade 12

- English 3, Sheltered Content
- Statistics, Sheltered Content

- Health
- Writing Seminar: Argumentative Writing in the Digital Age (Capstone embedded)
- World Language: Native Heritage Speaker Spanish or Arabic; or: Spanish, French, Italian, Chinese, Arabic
- Recommended Courses/Credits: Physics, Introduction to Engineering, Psychology, Teacher Assistant, Peer Leadership, Global Leadership (or) African American, Black, Latino & Puerto Rican Studies or other general electives

Pathways at Wilbur Cross

Wilbur Cross offers a diverse range of academic and career pathways, designed to be responsive to student interests and aspirations. We provide established pathways in fields like healthcare and hospitality, while also actively developing new programs to meet emerging industry demands, like manufacturing. Some pathways are selective, requiring a rigorous application process and interviews, ensuring students are well-suited and committed to their chosen field of study. Additionally, many of our pathways are open to all students based on their individual interests, requiring no formal application and providing opportunities for broad exploration. This approach allows for both broad exploration and focused specialization, preparing students for success in college and beyond.

Business Pathway

Students in the Business Pathway can begin in 10th grade. Students may start with a the high school course Introduction to Business or the the Concurrent course from SCSU. Students progress through the pathway in Grade 11 and 12 and will also have opportunities to take SCSU classes on SCSU campus during the summer and school year.

Grade 10

- Introduction to Business, Grade 10 (Foundational course in pathway)
- SCSU MGT 100, Grade 10 (Alternative foundational course in pathway)

Grade 11

- Marketing, Grade 11
- SCSU MKT 200, Grade 11
- Personal Finance, Grade 11

Grade 12

- Entrepreneurship, Grade 12

Culinary Pathway

Our high school Culinary program offers students a robust foundation in culinary arts. This nationally award-winning program prepares students for success in the food service industry. Through hands-on training,

real-world experiences, and expert instruction, students can earn valuable college credit and industry-recognized certifications.

Grade 10

- Culinary I, Grade 10 (Foundational course in pathway)

Grade 11

- Culinary II, Grade 11

Grade 12

Choose one or more of the following:

- Culinary III, Grade 12
- Food Service Management | CT State HOSP 1101, Grade 12
- Baking and Pastry | CT State HOSP 1103, Grade 12

Health Science Pathway

The Health Science Pathway provides a comprehensive exploration of the medical field, blending rigorous college preparatory coursework with university-level opportunities. In their senior year, students can gain practical, career-ready skills by choosing to pursue certification as either an Emergency Medical Technician (EMT), a Certified Nursing Assistant (CNA), or take an Introduction to Pharmaceuticals course. This pathway empowers students with a strong academic base and valuable industry credentials, launching them towards successful healthcare careers.

Grade 10

- Health Science & Sports Medicine

Grade 11

- SCSU HLS 260: Introduction to Medical Terminology
- Human Physiology

Grade 12

Choose one of the following:

- Introduction to Pharmaceutical Studies
- Certified Nursing Assistant (CNA)
- EMT

Production Pathway

The Production Pathway offers students a dynamic introduction to hands-on, technical skills. Students begin with a foundational course, choosing between Auto & Carpentry, where they learn essential construction and mechanical techniques, or Communications & Graphic Tech, focusing on visual design and media production in the Wilbur Cross Print Shop. Building upon this foundation, the pathway provides specialized training,

preparing students for careers in diverse production industries. This pathway equips students with practical skills and industry knowledge, setting them up for success in their chosen field.

Grade 10

- Auto.5/Carpentry .5 (Foundational course in Auto/Construction pathway)
- Comm 1 Graphic Tech, Grade 10 (Foundational course in Communication pathway)

Grade 11/Grade 12

- Advanced Auto, Grade 11 and/or 12 (can take multiple years)
- Advanced Carpentry, Grade 11 and/or 12 (can take multiple years)
- Comm 2 Advanced Graphic Tech, Grade 11
- Comm 3 Professional Graphics, Grade 12

Manufacturing Pathway

The High School Manufacturing Pathway is a competitive, selective program for aspiring engineers and technicians. Each year, only 15 highly motivated 8th-grade students are chosen through a rigorous application and interview process. Starting in 9th grade, students engage in a unique blend of challenging high school and college-level courses, providing a head start in advanced manufacturing. In their upper levels, students gain invaluable hands-on experience by working in the state-of-the-art Manufacturing Lab at Hillhouse High School. This intensive program equips students with the knowledge and practical skills necessary to excel in modern manufacturing careers.

Grade 9

- Foundations of Manufacturing Math
- Introduction to Manufacturing
- CT STATE MFG 1424 Blueprint Reading

Grade 10

- CT STATE MFG 1409 Introduction to Mastercam
- CT STATE MFG 2200 Parametric Design with 3D Printing (Solidworks)
- Machine Engraving for Manufacturing

Grade 11

- CT STATE MFG 2444 CNC 1
- Introduction to Welding
- CT STATE MFG 1420 Metrology

Grade 12

- CT STATE MFG CNC 12
- MFG 2405 Principles of CNC with Mastercam

Art Media Pathway

The Art Media Pathway cultivates creativity and technical skill, offering a comprehensive exploration of visual arts. Students begin with a foundational art course in 9th grade, establishing core principles. From there, they can specialize in diverse areas, including digital art, advanced painting and drawing, and even college-level art courses. This pathway provides a rich environment for artistic growth, empowering students to develop their unique style and prepare for careers in the creative industries

Grade 9

- Exploring Visual Design (Foundational course in pathway)
- Artstudio Mixed Media (Foundational course in pathway for International Academy)

Grade 10 and/or 11

- Digital Art
- Cartooning
- Printmaking & Ceramics
- Advanced Painting & Drawing
- Photography

Grade 11 and/or 12

- Advanced Photography | SCSU ART 264
- Yearbook
- AP 2D Design Portfolio

Performing Arts Pathway

The Performing Arts Pathway provides a dynamic and enriching experience for students passionate about music, theater, and the arts. Students can explore core disciplines like Chorus, Band, and Acting, developing their skills through rigorous training and performances. The pathway also offers opportunities in Recording Arts, Marching Band, Jazz Band and Instrumental Strings, expanding artistic horizons. This pathway fosters creativity, teamwork, and self-expression, preparing students for success in the performing arts and beyond.

Grade 9

- Chorus I
- Band I
- Band II
- Instrumental Strings
- Acting I

Grade 10, 11 and/or 12

- Advanced Chorus
- Band II
- Advanced Band

- Jazz Band
- Instrumental Strings
- Acting 1
- Advanced Acting
- Rehearsal and Performance & Technical Theater
- Recording Arts Studio (Grade 11 or 12)

Education Pathway

Grade 10

- SCSU EDU 200 Teachers, Schools & Societies (Foundational course for pathway)

Grade 11

- SCSU PSY 100 Psychology
- AP English Language (optional)

Grade 12

- African American/Black, Latino & Puerto Rican Studies
- AP English Literature (or) UCONN 1004 (optional)

BoiCity Pathway

The BioCity Pathway is a highly competitive and selective program, offering an exceptional opportunity for motivated high school juniors to engage in college-level STEM studies. This rigorous pathway, led by faculty from Southern Connecticut State University, delivers a challenging curriculum in science and mathematics.

Participants earn 11 college credits in their first year, receive personalized college and career guidance, and benefit from tutoring provided by Yale University students. By attending classes at 101 College, students gain invaluable experience and a significant advantage in pursuing higher education and STEM-related careers.

Grade 10

- Algebra 2 Honors
- Biology Honors

Grade 11

- SCSU Chem 120 Chemistry
- SCSU MAT 122 Precalculus
- SCSU MAT 150 Calculus

Grade 12

- SCSU Science Courses to be determined

Concurrent College Courses at Wilbur Cross

Concurrent enrollment courses allow students at Wilbur Cross to simultaneously earn both high school and college credits within their regular school setting. These programs typically involve partnerships between high schools and colleges, where qualified high school teachers deliver college-level curriculum. Students gain exposure to the rigor of college coursework, potentially easing their transition to higher education. Successful completion of these courses results in transcribed college credits, offering a head start on a college degree. For prerequisites of each course, please refer to the course description. Please note, Southern Connecticut State University limits two SCSU class per school year.

For the 2025-2026 School Year, the Concurrent Courses on offer are:

- Journalism | QU JRN 100
- Civics (325: SST) | SCSU PSC 260 (3473: ELE)
- Psychology (344: SST) | SCSU PSY 100 (3456: ELE)
- Intro to Engineering Design & Automation (1022: EGE,ELE) | SCSU EGR 151 (3536: EGE)
- High School Health 1cr (1998: HES) | SCSU PCH 201 (3469: ELE)
- Advanced Acting 1cr (798: ART) | SCSU THR 121 (3489: ELE)
- Advanced Photography (640: ART) | SCSU ART 264 (3535: ART)
- Digital Media Movie Making Adv. Studio (1893: 21C) | QU FTM 100 (33406: ELE,ART)
- Baking and Pastry (1044: CTE) | CT State HOSP 1103 Principles Baking I (ELE,CTE)
- Intro to Business (835: CTE) | SCSU MGT 100 (ELE)
- Marketing (844: BUS,TEC) | SCSU MKT 200 (BUS,ELE)
- Culinary Arts 2 (1021: ELE,CTE) | CT State HOSP 1101 Principles Food Prep (ELE,CTE)

Advanced Placement (AP) Courses

Advanced Placement (AP) courses, administered by the College Board, offer high school students the opportunity to tackle college-level material. Successful completion of AP exams can earn students college credit, potentially reducing the time and cost of higher education. These rigorous courses aim to provide a challenging academic experience that prepares students for future success in college and beyond. It's important to note that virtually all colleges and universities in Connecticut, and across the United States, recognize and consider Advanced Placement (AP) exam scores. However, the specific policies regarding how those scores translate into college credit or advanced placement can vary significantly.

Advanced Placement (AP) Courses at Wilbur Cross High School are available for students in Grades 10, 11 and 12. Students who enroll in an Advanced Placement course will be required to take the AP Exam for that course from the College Board in May of the same school year. For prerequisites of each course, please refer to the course description.

Students who are in Grade 10 may take up to two (2) AP courses. Students in Grade 11 may take up to three (3) AP courses. Students in Grade 12 may take up to four (4) AP courses. At the end of the Add/Drop Window of the new school year, there will be a process set up for students in Grade 12 and Grade 11 to add an additional AP course if it fits into their existing course schedule.

For the 2025-2026 School Year, the AP Courses on offer are:

- AP Language & Composition
- AP Lit & Composition
- AP Seminar
- AP Calculus AB
- AP Precalculus
- AP Statistics
- AP Government & Politics
- AP US History
- AP Environmental Science
- AP Physics
- AP Chemistry
- AP Biology
- AP Spanish Language
- AP 2D Design Portfolio
- AP Spanish Literature

Early College Experience Courses at Wilbur Cross

Early College Experience (ECE) classes offer high school students the unique opportunity to earn college credits while still attending their regular high school. These courses are designed to mirror the rigor and content of college-level classes, providing a valuable preview of higher education. The ECE courses at Wilbur Cross are done in partnership with the University of Connecticut, Southern Connecticut State University and CT State College. Please note, the courses listed below from CT State College is only available through the Manufacturing Pathway. For prerequisites of each course, please refer to the course description.

College-approved high school teachers deliver the curriculum. Successful completion (earning a C or better) of these courses can result in transferable college credits, potentially saving students time and money on their future college degrees.

For the 2025-2026 School Year, the Early College Experience Courses on offer are:

- UCONN ECE English 1004
- SCSU HLS 260 Introduction to Medical Terminology
- SCSU EDU 200 Teachers, Schools and Societies
- CT STATE MFG 1424 Blueprint Reading
- CT STATE MFG 1409 Intro to Mastercam
- CT STATE MFG 2200 Parametric Design with 3D Printing (Solidworks)
- CT STATE MFG 2444 CNC 1
- CT STATE MFG 1420 Metrology
- CT STATE MFG CNC 2
- CT STATE MFG 2405 Principles of CNC with Mastercam

College Before College

There are four main College Before College programs: Gateway, UNH/NH Promise, Southern, and Yale. They are on-campus programs, where individual high school students attend courses mixed in with the college students. For up-to-date information, please visit:

<https://isspinfo.wordpress.com/college-before-college-contract/>. Below please find the College Before College eligibility by program.

New Haven Public Program

- Interview with and approval of ISSP Coordinator.
- B cumulative unweighted GPA or 3.0/on pace in mastery-based schools.
- Any student with a D or F or I or NG on the most recent report card cannot apply to take a college course the next semester. For example, if a student is interested in spring, but has a D or F or I or NG on marking period one report card (Q1 or T1), they are ineligible to apply regardless of cumulative GPA. Likewise, if a student is interested in the fall, but has a D or F or I or NG on the final report card (Q4 or T3 or Y1), they are ineligible to apply regardless of cumulative GPA. Fall to spring acceptances and spring to fall acceptances will be cancelled during the break if student grades or behaviors drop.
- Demonstrated evidence of independent learning behaviors, including excellent attendance and class participation.
- Accepted students must attend mandatory orientations and/or registrations for each college.

Gateway Community College

Every semester for following term

- Must be a high school Junior or Senior. Apply in Spring of 10th grade for fall of 11th.
- NHPS and Gateway Applications with parent signature, transcript, and ISSP Recommendation.
- Historical Transcript & Current Grade review by ISSP and GCC. B minimum.
- Accuplacer placement testing, may be waived for high SAT/ACT scores, not PSAT.

University of New Haven

Every semester for following term:

- Must be a high school Junior or Senior. Apply in Spring of 10th grade for fall of 11th.
- MUST be New Haven Promise Scholarship eligible and on-target with grades, attendance, and Community Service.
- New Haven Promise eligibility review by Promise staff.
- NHPS and UNH Promise Program Applications with parent signature, transcript, and ISSP Recommendation.
- Historical Transcript & Current Grade review by ISSP and UNH. B minimum.
- UNH placement testing, may be waived for high SAT/ACT scores, not PSAT.

Southern CT State University

Every semester for following term:

- Must be a high school Junior or Senior. Apply in Spring of 10th grade for fall of 11th.
- Online Applications, transcript, scores, and ISSP Recommendation.
- Historical Transcript & Current Grade review by ISSP and SCSU. B+ minimum.
- 500 minimum in English and Math on SAT or PSAT, or ACT equivalent.

Yale University

Every semester for following term

- Must be a high school Junior or Senior. Apply in Spring of 10th grade for fall of 11th.
- Online Applications, transcript, scores, and ISSP Recommendation.
- A- 3.75 cumulative unweighted GPA in most difficult courses available, reviewed by ISSP Coordinator.
- 600 minimum in English or Math on SAT or PSAT.
- Students MUST earn a course grade of B- or higher in order to continue at Yale.