

*The*  
**Catholic**



**High School**  
*of Baltimore*

*Course Selection Book*

*2026-2027*



# TABLE OF CONTENTS

Course Selection Process	4
Course Levels and Academic Placement	5
Graduation Requirements	6
Course Descriptions	
Theology	7
English	8
Social Studies	11
<b>Law and Leadership Program</b>	14
Science	18
<b>STEM Program</b>	24
Mathematics	25
World Languages	28
Physical Education/Health	32
Visual and Performing Arts	
<b>VPA Program</b>	33
<b>Music</b>	34
<b>Art</b>	38
<b>Theatre</b>	40
<b>Dance</b>	42
CCBC Dual Enrollment Courses	44

## Course Selection Process

For guidance on course selections in relation to academic goals and strengths, students and parents should contact the Dean of Academics. Questions regarding college and career goals may be directed to the College Counselor.

The course selection process:

- Students select the courses they want to take based on their teachers' recommendations, their college and career aspirations, and their personal interests. We encourage all students to consult with their parents as they complete this process.
- As necessary, the Dean of Academics meets with students who have questions or concerns regarding course selections or in cases where there is a discrepancy between a student's selections and her teachers' recommendations.
- Students receive a list of the course selections that have been officially entered into the school's database. Students then have the opportunity to discuss and make any corrections or changes with the Dean of Academics.

**Please note:** Course offerings are subject to change upon notice and are dependent upon sufficient course enrollment. Course offerings are not guaranteed by their publication in this document.

## Course Levels

**AP – Advanced Placement**

**H – Honors**

**CP – College Preparatory**

**AA – Archangel**

### Academic Standards and Placement

Academic subjects may be offered at the Archangel, College Preparatory, Honors, or AP level. Course placement for entering students is based on transcript of grades earned and performance on standardized testing.

Course placement for current students is based on academic performance at TCHS. Students should meet the following criteria to maintain or advance course placements into the next year, as it appears on the following chart.

<b>Level to Level</b>	<b>Criteria/Grade in Current Year's Course</b>
Honors to Honors or AP to AP*	B+ and permission/recommendation of current teacher and Department Chair
Honors to AP	A and permission/recommendation of current teacher and Department Chair
CP to Honors	A and permission/recommendation of current teacher and Department Chair
CP to AP	A+ and permission/recommendation of current teacher and Department Chair

Aside from the criteria for determination of course placement, individual courses may have their own specific prerequisites. Where applicable, prerequisites are listed on the following pages under the relevant course description.

# **Graduation Requirements**

## **Classes of 2024 through 2028**

Theology	4 credits
English	4 credits
Social Studies	3 credits
Mathematics	4 credits
Science	3 credits
World Language	2 credits
Health/Physical Education	1 credit
Visual and Performing Arts	1 credit
Electives	6 credits
	30 hours per year
Community Service	(total of 120 hours)

The administration of Catholic High retains the right to make minor adjustments in credit requirements for graduation in situations where a student's accomplishment in a particular area may warrant it. In all cases, the requirements of the Maryland State Department of Education for Non-Public Schools will be met. The decision of The Catholic High School of Baltimore in these matters is final.

## **COURSE DESCRIPTIONS**

### **THEOLOGY**

#### **012 CP Theology Scripture and Revelation**

Theology 9

Grade 9

Credit 1

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In the first semester of grade 9, students learn how God reveals himself in creation and in the Bible. With a focus on the Bible, students learn how the Bible came to be, how to understand the Bible as God's self-revelation and how to find passages in the Bible. An overview of the Bible includes how the Hebrew Scriptures prepare for Jesus and how the Christian Scriptures reveal who Jesus is. The second semester focus is on Jesus and how he reveals who God is and who we are called to be. Through the year, our patrons, St. Clare and St. Francis are introduced.

#### **022 CP Theology the Paschal Mystery of Christ and His Church**

Theology 10

Grade 10

Credit 1

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In the first semester of grade 10, students take an in-depth look at the mission of Jesus, the Paschal Mystery. This includes his Passion, Death, Resurrection and Ascension and Jesus' role as Messiah as revealed in the New Testament. The student learns about the universal call to holiness and our journey toward God as disciples of Jesus. In the second semester students see this journey unfold, guided by the Holy Spirit, in the history of the Church. Throughout the year, students are instructed in the Franciscan character of our school.

#### **032 CP Theology Sacraments and Morality**

Theology 11

Grade 11

Credit 1

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In grade 11 two topics are treated that deal with living faith in daily life. Students examine the Sacraments as encounters with Jesus in a real way, especially in the Eucharist. In the course on Morality, students are challenged to live as disciples by exploring the moral concepts embodied in the teaching of Jesus and how that applies to their lives. During Franciscan Week, surrounding October 4, students learn about the Franciscan spirituality.

**042 CP Women in the Bible and World Religions**

Theology 12

Grade 12

Credit 1

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In the first semester of Grade 12, students meet and examine the lives of women in the Bible and in the Church. In the second semester the major non-Christian religions of the world are investigated and compared to Catholic belief and prayer and practice. Franciscan Theology is introduced during Franciscan Week.

**ENGLISH****103 AA Academic Cognitive Enrichment**

ACE1

Grades 9

Credit 1

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As part of the Archangel Program, these courses enrich the students' academic cognitive abilities by focusing on improving academic skills, remediation, class work, study skills, time management, organizational skills, and test-taking strategies. Students participate in lessons that help them improve in their most needed areas.

**111 H, 112 CP, 113 AA English Composition and Literature**

Lit/Comp H, Lit/Comp, Lit/Comp 9

Grade 9

Credit 1

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English Composition and Literature emphasizes enhancing reading comprehension for analysis and honing writing skills. Students engage with novels, short stories, poetry, and drama to develop the ability to read, interpret, and analyze both fiction and nonfiction. Through the exploration of various essay types, students gain proficiency in applying MLA format, mastering sentence structure, developing paragraphs, refining grammar, and expanding their vocabulary.

**121 H, 122 CP, 123 AA American Literature and Composition**

HAmerLit, Aml/Comp

Grade 10

Credit 1

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This course offers an in-depth exploration of American Literature, traversing a vast array of periods and genres that have contributed to the rich tapestry of the nation's literary heritage. From the early colonial period to contemporary works, students will engage with the writings of influential American authors, exploring their unique voices and contributes to the ever-evolving narrative of the American story.

**REQUIREMENTS:** See page 5.

### **131 H, 132 CP British Literature and Composition**

BritLitH, BritLit1

Grade 11

Credit 1

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This course offers an in-depth exploration of British Literature, encompassing a diverse array of literary works from different periods and genres. From the medieval era to the early twentieth century, students engage in a profound exploration of British literary traditions. This includes an analysis of influential writers, themes, and movements, with a particular emphasis on examining the cultural, social, and historical contexts that have both shaped and been shaped by these literary works.

**REQUIREMENTS:** See page 5.

### **141 H, 142 CP World Literature and Composition**

WldLit1H, WldLit1

Grade 12

Credit 1

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World Literature students explore world cultures through literature from ancient to modern times. Students analyze literature by comparing and contrasting themes and evaluating the philosophical, political, ethical, and social influences that shape the literature in a particular place and time. Students develop writing and critical thinking skills through reflective and analytical essays. Knowledge of themes or issues from the literature is demonstrated through writing, presenting, and defending a research paper.

**REQUIREMENTS:** See page 5.

### **148 AP English Language and Composition**

APEngLang

Grade 11

Credit 1

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AP English Language and Composition is an academically rigorous course that provides students the rhetorical foundations that prepare them for the demands of academic and professional writing. The course also examines the formal study of argumentation. Students read sophisticated, thought-provoking nonfiction and fiction texts. They practice writing in several rhetorical modes. Throughout the course, students continue building and honing their vocabulary and grammar, usage, and mechanics skills.

**REQUIREMENTS:** See page 5.

## 149 AP English Literature and Composition

APEngLit

Grade 12

Credit 1

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AP English Literature and Composition students engage in the careful reading and analysis of novels, plays, poems, and short stories from various authors and times. Emphasis is placed on reading comprehension, critical analysis of works, literary vocabulary, and recognizing and understanding literary devices. Students develop writing skills through analytical and argumentative essays as well as critical response and reflection.

**REQUIREMENTS:** See page 5.

## 510 Introduction to TV Production & Broadcast Journalism

TVProd/BJr

Grades 10, 11, and 12

Credit 1

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Lights! Camera! Action! Introduction to TV Production and Journalism offers students a foundational understanding of the principles and techniques involved in producing news content. This dynamic course covers on-air and field reporting, TV news writing, camera operation, teleprompter use, and editing/production. Through hands-on experience with TCHS-TV, students will master the essential elements of journalistic ethics and storytelling while gaining exposure to both print and broadcast journalism. Each day, students will actively contribute by writing and creating content for TCHS-TV and the morning announcements.

**PREREQUISITES:** B+ or higher in English, English teacher recommendation, and permission from the Production/Journalism teacher.

## 153 CP Yearbook

Yearbook

Grades 10, 11 and 12

Credit 1

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This course promotes skills in basic caption writing, design, photography, and editing. Students compose and manipulate photos using Adobe Lightroom and explore layout and design elements of print. Students plan, create, interpret, and analyze visual representations and carefully examine their product for publication. Twenty-first century skills in collaboration, creative thinking, technical literacy, communication, and critical thinking are also practiced. The course concludes with the completion of *The Troubadour*, the annual yearbook. All students adhere to yearbook procedures, including deadlines. Some members serve as editors, taking on a leadership role in the class. Students must be able to work after school and/or at home to meet deadlines.

**PREREQUISITES:** B+ or higher in English, English teacher recommendation, and permission from the Yearbook teacher.

## **SOCIAL STUDIES**

### **211 H, 212 CP, 213 AA World Civilizations**

WldCivH, WldCivil, WorldCiv1

Grade 9

Credit 1

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This course studies the major cultural, economic, political, and social events from ancient times through the Renaissance, as well as the geographical settings in which they occurred. Students investigate the rise and fall of empires and the development of nation states. A correlation is made between past events and the modern world. Emphasis is placed on critical thinking, deductive reasoning, independent research, writing skills, and use of primary sources.

### **221 H, 222 CP, 223 AA United States History**

USHistH, USHistory

Grade 10

Credit 1

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This course is an integrated survey of the development of our nation. It examines the historical, political, social, religious, constitutional, and geographic aspects of the United States. Students develop research skills, use critical thinking, and deductive reasoning. Writing and other independent work is expected of each student.

**REQUIREMENTS:** See page 5.

### **231 H, 232 CP United States Government**

HGovernment, Government

Grade 11

Credit 1

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This course looks at the English origins of our federal, state, and local governments. It examines the what, how, and why of the changes that have occurred in the formation of our present American system of government. Students evaluate how our government works through participation in real world applications and simulations that help to analyze different aspects of democracy. Being a good citizen and an effective member of a participating democracy are stressed throughout the course. Students learn independent research, critical thinking, in-depth writing, and constitutional development.

**REQUIREMENTS:** See page 5.

## **245 AP United States History**

APUSHist

Grade 10

Credit 1

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This course is an integrated survey of the development of our nation. Students examine the historical, political, social, religious, constitutional, and geographic aspects of the United States. Students develop independent research skills, and use critical thinking and deductive reasoning skills with primary and secondary sources. This course involves extensive writing and other independent work.

*Students may opt to take the AP test or apply for dual enrollment credit with Notre Dame of Maryland University (NDMU)--additional fees apply.*

**REQUIREMENTS:** See page 5.

## **230 AP United States Government and Politics**

GovtAP

Grades 11 and 12

Credit 1

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This course includes the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. Students become familiar with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics, and become acquainted with a variety of theoretical perspectives and explanations for various behaviors and outcomes. Upon completion of this course, students are prepared to take the Advanced Placement Exam in Government and Politics.

**REQUIREMENTS:** See page 5.

## **275 H Human Behavior & Genocide: Examining the Holocaust**

Holocaust

Grades 11 and 12

Credit .5

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This course begins with a focus on identity and group behavior and leads into the history of Germany during the interwar period. The history of Anti-Semitism is also explored to understand the actions of German leadership. The Holocaust is the primary example of genocide used in this class, but similar acts of discrimination and the genocide of other ethnic groups is also discussed. Students analyze primary and secondary sources, including listening to survivor testimonies, and rely on critical thinking, deductive reasoning, and writing skills.

**273 H The World Since 1939**

World 1939                      Grades 11 and 12

Credit .5

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This course surveys major world events and movements from World War II. Topics include the Cold War and the many subsequent regional wars, nuclear proliferation, independence movements in South America and Asia, the end of apartheid in South Africa, the establishment of the European Union, major political and trade alliances, the rise of terrorist movements, the space race, and environmental movements worldwide. Students are expected to analyze primary and secondary sources and use their skills in critical thinking, deductive reasoning, and writing.

## Law and Leadership Program In the Franciscan Tradition

This program empowers young women to be active, engaged citizens by providing them with the knowledge and skills they need to successfully effect change in local and global communities. This program is intended for young women who have excellent writing, presentation, and communication skills while providing leadership opportunities, extracurricular involvement, and real-world experiences in Law and Leadership. Our curriculum is designed to develop the essential skills of responsible leadership, and an appreciation for the principles and values upon which the legal system rests in order to successfully change society in a morally, ethically, and responsible way.

<b>9<sup>th</sup> Grade</b>	CP Responsible Leadership in the Franciscan Tradition (.5 credit)	CP Introduction to Law (.5 credit)	H or CP French (1 credit)	H or CP World Civilization (1 credit)
<b>10<sup>th</sup> Grade</b>	CP Criminal Justice (.5 credit)		H or CP French (1 credit)	AP, H or CP US History (1 credit)
<b>11<sup>th</sup> Grade</b>	H Civil Rights Laws and Policies (.5 credit)	H Civil Discourse (.5 credit)	H or CP French (1 credit)	AP or H US Government (1 credit)
<b>12<sup>th</sup> Grade</b>		H International Relations (.5 credit)	H Law and Leadership Senior Research Thesis (.5 credit)	

In addition to the general criteria for course placement, AP-level courses may have specific prerequisites. When applicable, these prerequisites are noted in the corresponding course descriptions within the Course Selection Booklet.

### **ACADEMIC ELIGIBILITY FOR GOOD STANDING IN THE PROGRAM**

Students must have a final grade of 85 or higher in all social studies and/or law and leadership courses to remain in good standing within the program. If a student earns a final grade of 84 to 70 in any of her social studies and/or law and leadership courses, she will be placed on a one-year Student Improvement Plan to address academic challenges

and support improvement. If the student has a grade of 84 to 70 in any of her social studies and/or law and leadership courses at the end of the following school year, she will be removed from the program. Students with final failing grades (69 and below) will be removed from the program. During senior year, students must maintain an 85 or higher in social studies and/or law and leadership courses to earn a program honor cord.

## **EXTRACURRICULAR ACTIVITIES**

In addition to their academic coursework, students will have the opportunity to engage in a variety of enrichment experiences, including field trip and guest speaker “lunch and learn” events. They are also encouraged to become active members of extracurricular clubs and organizations that complement the program’s curriculum, such as:

- Culture & Diversity Council
  - Black Affinity Group
  - Latino Affinity Group
  - Asian/Pacific Affinity Group
- Duns Scotus Forensics Society
- Law & Leadership Steering Committee
- Mock Trial
- Model UN
- Franciscan Youth Ministry
- Students Against Human Trafficking
- Student Ambassadors\*
- Student Council \*\*
- Youth & Government Program

Note: These extracurricular offerings are subject to change based on the availability of faculty or staff moderators.

\*Students must apply to become a Student Ambassador and participate in an interview with the Enrollment Department.

\*\*To participate in Student Council, students must be elected by their classmates.

### **101 CP, 102 H Responsible Leadership in the Franciscan Tradition**

Franciscan

Grades 9 and 10

Credit .5

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This course explores how to be a leader in today's challenging environment. Students learn transferable skills that help them contribute to our ever-changing world as ethical leaders. Supported by Franciscan values, this program is holistic and built on the philosophy of servant leadership.

### **282 CP, 281 H Introduction to Law**

IntroLaw

Grades 9,10,11 and 12

Credit .5

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This course introduces students to the roles of laws and courts in American society. Students investigate the development of law, types of law, the legal field and its intersection with contemporary issues. In addition, students have an opportunity to explore legal careers and to engage in active learning experiences such as discussion, debate, mock trials, moot courts, role-play, and case studies. Guest speakers and field trips to local courts are additional essential experiences for students in the course.

### **265 CP, 263 H Criminal Justice**

CrimJust

Grades 10, 11 and 12

Credit .5

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This course provides an introduction to the Criminal Justice System. Topics such as law enforcement practices and procedures, evidence collection and identification, and corrections are studied together with constitutional law, criminal law, and juvenile law. At the end of the semester, students are expected to understand the nature and causes of crimes, identify and analyze social problems related to crime, and practice strategies for determining judgements in cases. Skills include written and oral presentations, research strategies, critical thinking and computer literacy.

### **278 H American Civil Rights Law and Policies**

CivRights

Grades 11 and 12

Credit .5

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This course addresses the struggle for civil rights in America from colonial times to the present, at the state and federal level. Topics covered include slavery, Reconstruction, Jim Crow laws, the Great Migration, redlining, segregation, the Civil Rights movement, affirmative action, and anti-discrimination laws. U.S. legal principles and their application to policy are studied in this course. Incorporating primary and secondary sources in research and writing, students consider the real-world consequence of civil rights legislation.

## **205 H Civil Discourse**

CivDebate

Grades 11 and 12

Credit .5

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In this course, students explore various contemporary issues, engage in structured debates, and learn the art of civil discourse. Emphasizing the development of persuasive argumentation, research skills, and active listening, the course aims to foster a deeper understanding of differing perspectives. Through practical exercises and discussions, students enhance their ability to articulate ideas, analyze evidence, and construct well-reasoned arguments while promoting respectful and constructive dialogue. This course provides a platform for students to refine their communication abilities and participate meaningfully in discussions on complex societal issues.

## **283 H International Relations**

HGlobal

Grade 12

Credit .5

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Enabling students to explore significant global issues and challenges, this course provides an immersive experience into diverse regions worldwide. By delving into compelling case studies and fostering thought-provoking discussions, participants develop the essential skills to navigate the intricacies of international relations and make meaningful contributions to an interconnected global community. Rooted in the Franciscan tradition, the course places a strong emphasis on values such as respect, empathy, concern for others, human rights, and dignity. Rigorous research and debate skills are integral components of the curriculum.

## **285 H Law & Leadership Senior Research Thesis**

CapstonePr

Grade 12 Law & Leadership Only

Credit .5

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In the final course of the Law and Leadership Program, students receive thorough guidance on navigating the research process. Special attention is given to developing a strong thesis, understanding research methodologies, and creating an annotated bibliography. The course involves revisiting and enhancing concepts covered in earlier classes, seamlessly integrating them into the culminating research paper and its subsequent presentation.

**PREREQUISITES:** Successful completion of all required Law and Leadership courses through junior year.

# SCIENCE

## **320 H, 322 CP, 323 AA Biology**

HBiology  
Biology

Grade 9

Credit 1

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Honors Biology introduces the student to the central concepts of general biology, including the scientific method, chemistry of life, cell structure, genetics, ecology, and evolution. Laboratory activities reinforce the conceptual framework developed in the classroom.

**PREREQUISITES:** HSPT and elementary/middle school transcripts determine placement. Students in Honors Biology must be concurrently taking Algebra 2 or higher math.

## **554 H, 555 CP Foundations of STEM**

FoundST-H  
FoundSTCP

Grade 9

Credit 1

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Foundations of STEM enables students to identify and explore the connections between various STEM disciplines utilizing a project-based inquiry approach. Students achieve a greater understanding of the scientific method and core science concepts, learn and utilize the design process, and develop proficiency in 21<sup>st</sup> century technologies.

**PREREQUISITES: Grade 9:** Acceptance into STEM Program.

**Grade 10:** Grade of B or above in Algebra 1 and Biology.

## **331 H, 332 CP, 337 AA Chemistry**

HChem  
Chemistry

Grade 10

Credit 1

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This course introduces students to the basic concepts of chemistry, provides laboratory experience, and teaches critical-thinking and problem-solving skills that demonstrate the relevance of chemistry to everyday life.

**PREREQUISITE: For Honors Chemistry:** Honors Biology and Honors Algebra 2 or higher math level. **For CP Chemistry:** Biology and Algebra 1. **For AA Chemistry:** AA Biology and Algebra 1A.

## **528 Engineering Design and Analysis**

EngDesign

Grade 10

Credit 1

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Engineering Design and Analysis provides students an opportunity to explore various branches of the engineering profession and learn how engineers utilize a variety of scientific principles to solve real-world problems.

**PREREQUISITES:** B or above in Honors Algebra 1, Honors Biology, and Honors Foundations of STEM.

### **303 H, 373 CP Health Science & Clinical Skills**

Hea&ClinSk

Grade 10

Credit 1

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This year-long course provides an overview of the healthcare system, including diagnostic, therapeutic, and support services. Students learn medical terminology, documentation, and fundamental patient care skills. The course introduces a variety of healthcare careers and the roles of health professionals. Instruction is delivered through lectures, discussions, labs, and case studies, with an emphasis on hands-on clinical scenarios conducted in the Hinson Clinical Lab.

**PREREQUISITES:** C or above in Biology.

### **341 H Honors Physics**

HPhysics

Grades 11 and 12

Credit 1

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Honors Physics is an introduction to a basic understanding of motion, forces, work, energy, momentum, thermodynamics, electricity, magnetism, waves, light and quantum mechanics through investigation, reading, discussion, and problem-solving.

**PREREQUISITES:** Concurrent placement in Pre-Calculus or higher math, grade of B or above in Honors Chemistry.

### **541 H Introduction to Computer Science**

IntCompSci

Grades 11 and 12

Credit 1

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Introduction to Computer Science utilizes a JavaScript curriculum to teach the foundations of computer science and basic programming, with an emphasis on helping students develop logical thinking and problem-solving skills. This course also investigates internal and external hardware components of computer devices.

**PREREQUISITE:** Grade of B or above in Honors Algebra 2.

### **351 H, 352 CP Human Anatomy & Physiology**

HAnat/Phys

Grades 11 and 12

Credit 1

Anat/Phys

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Anatomy and Physiology provides students with a general understanding of cells and tissues and then introduces the organs and organ systems. By the end of the course, students will be familiar with common anatomical terms and functions of each organ system. An emphasis is placed on how structure determines function and how the systems work together to maintain hemostasis.

**PREREQUISITES:** Grade of B or above in Biology and Chemistry.

### **367 CP Environmental Science**

EnvSci

Grades 11 and 12

Credit 1

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This course is a study of the interactions of living organisms with one another and their physical environment. Topics include water quality, air quality, land use, populations, and energy resources. Students gain an understanding of interrelationships, with an emphasis on environmental stewardship.

**PREREQUISITES:** Biology and Chemistry.

### **358 CP Forensic Science**

ForenSci

Grades 11 and 12

Credit 1

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Students study the field of forensic science and learn to use skills in data collection and analysis, scientific problem solving, and evidence examination to investigate crime scenes. They learn about the law and forensic science, forensic science careers, crime scene investigation, fingerprint analysis, hair and fiber analysis, trace evidence, blood types, blood spatter analysis, DNA evidence, poisons, document analysis, and forensic anthropology.

**PREREQUISITES:** Grade of C or above in Chemistry.

### **357 AP Biology**

APBiology

Grades 11 and 12

Credit 1

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

**PREREQUISITES:** Grade of B or above in Honors Biology and Honors Chemistry.

### **334 AP Chemistry**

APChem

Grades 11 and 12

Credit 1

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AP Chemistry is an introductory college-level chemistry course. Students cultivate their understanding of chemistry through inquiry-based investigations as they explore topics like atomic and molecular structure, chemical reactions, kinetics, equilibrium, and thermodynamics.

**PREREQUISITES:** Concurrent enrollment in Pre-Calculus or higher math and completion of Honors Chemistry with a B or above.

### **368 AP Environmental Science**

APEnvSci

Grades 11 and 12

Credit 1

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Students cultivate their understanding of the interrelationships of the natural world through inquiry-based lab investigations and field work as they explore concepts like the four Big Ideas; energy transfer, interactions between earth systems, interactions between different species and the environment, and sustainability.

**PREREQUISITES:** Grade of B or above in Honors Biology and Honors Chemistry.

### **385 H, 384 CP Public Health & Epidemiology**

HEpidemiol, Epidemiolo

Grade 12

Credit 1

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This course introduces the basic principles and methods of epidemiology within the framework of biology, with an emphasis on critical thinking, analytical skills, and applications to real-world issues. In addition, the themes of global health and social justice are infused throughout this course and address poverty, conflicts and emergencies, health inequity, health systems reforms, and major global initiatives for disease prevention and health promotion.

**PREREQUISITES:** C or above in Health Science and Clinical Skills.

### **359 H, 360 CP Mental Health and Neuroscience**

MHNeuro

Grade 12

Credit .5  
Fall Semester

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This semester course examines the structure and function of the brain and its relationship to mental health and mental illness. Students study common mental disorders, including causes, prevention strategies, and approaches to promotion individual well-being. The course also addresses the stigma surrounding mental illness and emphasizes understanding its biological, psychological, and social complexity.

**PREREQUISITES:** C or above in Anatomy and Physiology.

### **305 H, 306 CP Histology and Pathology**

HistPath

Grade 12

Credit .5  
Spring Semester

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This semester course focuses on the microscopic study of cells and tissues and examines common pathologies of the four primary human tissue types: epithelial, connective, muscle, and nervous. Building on skills learned in Anatomy and Physiology, students develop proficiency in microscope use, tissue identification, and analysis of structural changes resulting from cellular injury. Instruction includes lectures, discussions, laboratory work, case studies, research, presentations, and projects.

**PREREQUISITES:** C or above in Anatomy and Physiology.

### **307 H Sports Medicine Basics**

HeaScSpMed

Grade 12

Credit 1

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This course provides students with a foundational understanding of sports medicine, focusing on injury prevention, recognition, treatment, and rehabilitation. Students will explore topics such as biomechanics, common sports injuries, concussion protocols, nutrition, pharmacology in pain management, the role of psychology in sports injury and recovery, emergency care, and therapeutic interventions. Through hands-on activities, case studies, and real-world applications, students will gain insight into the roles of athletic trainers, physical therapists, and other healthcare professionals in the field.

**PREREQUISITES:** C or above in Anatomy and Physiology and concurrent enrollment in Kinesiology.

### **314 H Kinesiology**

Kinelgy

Grade 12

Credit 1

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This course explores the principles of human movement and the mechanics of the body in motion. Students will study anatomy, physiology, biomechanics, and motor learning to understand how the musculoskeletal and nervous systems work together to support physical activity and performance across multiple areas of life. Through hands-on activities, case studies, and projects, students will gain practical knowledge applicable to sports, fitness, and related healthcare fields.

**PREREQUISITES:** C or above in Anatomy and Physiology and concurrent enrollment in Sports Medicine Basics.

### 388 H Bioengineering

BioEngH

Grade 12

Credit .5  
Fall Semester

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Bioengineering enables students to explore the intersection between engineering and the medical profession through a series of design challenges and research projects. Students are exposed to some of the technologies that have revolutionized healthcare over the past century as well as areas of active research.

**PREREQUISITES:** B or above in Honors Foundations of STEM and Honors Pre-Calculus. B or above in either Honors Physics or Honors Anatomy and Physiology.

### 550 H STEM Research Seminar

BioEngH

Grade 12

Credit .5  
Spring Semester

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STEM Research Seminar is a project-based experiential learning course that allows students to investigate a topic of their choice in the fields of Science, Technology, Engineering, and Mathematics. They will proceed by using their STEM knowledge and practical experiences gained from prior courses to demonstrate their competence with the Engineering Design Process and Scientific Method to implement their methods for their research. Students propose their own methods that will allow them to gather the necessary data to perform an in-depth analysis. The presentation before peers, faculty, and other guests.

**PREREQUISITES:** B or above in Honors Foundations of STEM and Honors Pre-Calculus. B or above in either Honors Physics or Honors Anatomy and Physiology.

### 340 AP Physics 1

APPhysics

Grade 12

Credit 1

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AP Physics 1 is an algebra-based, introductory college-level Physics course. Students cultivate their understandings of physics through classroom study, in-class activity, and hands-on inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, and conservation.

**PREREQUISITES:** Grade B or above in Honors Physics.

## 560 AP Computer Science A

APCompSci

Grade 12

Credit 1

AP Computer Science is an introductory college-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures.

**PREREQUISITES:** Grade of B or above in Introduction to Computer Science.

## STEM Program

The STEM Program provides students with a rigorous course of study that inspires students to pursue careers in high-demand, problem-solving fields. Acceptance into the STEM Program is based on the criteria that students must:

- Maintain a cumulative middle school GPA of 3.0 or higher.
- Score high in the areas of mathematics and science standardized testing and the High School Placement Test.

STEM Program students are expected to earn a minimum grade of 80 in each of their math and science courses in order to earn the STEM honor cord at graduation. If a student finishes a required STEM course with a grade below 80, but no lower than 77, she may be placed on a one-year improvement plan at the discretion of the Science Department Chair and Principal. If she fails to improve during the subsequent academic year, she may be dropped from the program.

Freshman Year	Sophomore Year	Junior Year	Senior Year
Biology	Chemistry	Physics <b>OR</b> Anatomy and Physiology <b>OR</b> Environmental Science *	General Science Elective*
Foundations of STEM	Applied Science Elective	Applied Science Elective*	Applied Science Elective*
Algebra 1	Geometry	<u>Algebra 2</u>	Pre-Calculus <b>OR</b> Advanced Functions and Statistics
*Qualified students may substitute an AP science course or an approved dual-enrollment science course through CCBC.			

# MATHEMATICS

## **403 AA Algebra 1**

ArchAlgebr

Grade 9

Credit 1

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This course offers students a strong foundation in Algebra 1. Topics presented in the course include solving equations, proportional reasoning, data analysis, inequalities, absolute value, exponents, exponential functions, polynomials, and factoring. This course also includes an introduction to quadratic functions and the quadratic formula.

**PREREQUISITE:** HSPT and middle school transcripts determine placement.

## **411 H Algebra 1**

H Algebra 1

Grade 9

Credit 1

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This Honors level course offers students a solid foundation in Algebra 1. Topics include solving word problems, proportional reasoning, inequalities, absolute values, exponents, polynomials, and factoring. This course also presents topics in coordinate geometry, rational and irrational numbers, and quadratic functions.

**PREREQUISITE:** HSPT and middle school transcripts determine placement.

## **412 CP Algebra 1**

Algebra 1

Grade 9

Credit 1

---

This course offers students a strong foundation in Algebra 1. Topics presented in the course include solving equations, proportional reasoning, data analysis, inequalities, absolute value, exponents, exponential functions, polynomials, and factoring. This course also includes an introduction to quadratic functions and the quadratic formula.

**PREREQUISITE:** HSPT and middle school transcripts determine placement.

## **420 H Geometry**

H Geometry

Grade 10

Credit 1

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A strong background in Algebra 1 is required. Topics include an introduction to logic, the study of similar and congruent triangles, polygons, parallel lines, and trigonometry. The area, perimeter and volume of two-dimensional and three-dimensional objects are also taught. *Students must have a T1-84 series graphing calculator (or newer) for this course.*

**PREREQUISITE:** B+ in Honors Algebra 2.

### 422 CP Geometry

Geometry

Grade 10

Credit 1

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This course is a comprehensive geometry course that includes logic and proof, polygons, similar and congruent figures coordinate geometry, perimeter, area and volume, and circles.

**PREREQUISITE:** Successful completion of Algebra 1 (412).

### 425 AA Geometry

ArchGeom

Grade 10

Credit 1

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This course is a comprehensive geometry course that includes logic and proof, polygons, similar and congruent figures coordinate geometry, perimeter, area and volume, and circles.

### 430 H Pre-Calculus

H Pre-Calc

Grades 11 and 12

Credit 1

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This rigorous course prepares students to take the Advanced Placement Calculus (AB) course. Topics include the study of polynomial, exponential, logarithmic, rational functions, and limits. Topics in trigonometry and analytic geometry are also included. *Students must have a T1-84 series graphing calculator (or newer) for this course.*

**PREREQUISITES:** B+ in Honors Geometry.

### 431 H Algebra 2

Hon Alg 2

Grade 9 and 11

Credit 1

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This course is a comprehensive Algebra 2 course and prepares students for future honors courses. A strong background in Algebra 1 is required. Topics include solving systems of equations, analysis of functions (quadratic, polynomial, rational, radical, exponential, and logarithmic), conic sections, sequences, and series. *Students must have a T1-84 series graphing calculator (or newer) for this course.*

**PREREQUISITES:** B+ in Honors Geometry.

### 432 CP Algebra 2

Algebra 2

Grades 11 and 12

Credit 1

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A strong background in Algebra 1 is required. Topics include solving systems of equations, analysis of functions (quadratic, polynomial, rational, radical, exponential, and logarithmic). *Students must have a T1-84 series graphing calculator (or newer) for this course.*

**PREREQUISITES:** Successful completion of Algebra 1, Geometry, and approval of Mathematics Chair.

#### **444 CP Advanced Functions and Statistics**

AdFunctStat

Grade 12

Credit 1

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This course provides students with a strong foundation of advanced algebraic functions. Topics include the study of quadratic, exponential, polynomial, logarithmic, rational, and trigonometric functions. This course also presents topics in descriptive statistics, data analysis, and probability. *Students must have a T1-84 series graphing calculator (or newer) for this course.*

**PREREQUISITE:** Successful completion of Algebra 2 or approval of Mathematics Chair.

#### **441 H Calculus**

H Calculus

Grade 12

Credit 1

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This course is an honors level continuation of the Pre-Calculus course. Students undertake a detailed study of Differential and Integral Calculus. Students are not required to take the Advanced Placement exam at the end of the academic year. *Students must have a TI-83+ or TI-84 series graphing calculator for use in this course. Students may opt to apply for dual enrollment credit with Notre Dame of Maryland University (NDMU)--additional fees may apply.*

**PREREQUISITES:** Completion of Pre-Calculus (430), see page 5 for other prerequisites.

#### **440 AP Calculus AB**

AP Calculus

Grade 12 (or approval of instructor)

Credit 1

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This course prepares students to take the Advanced Placement Calculus AB exam at the end of the academic year. Topics include analysis of functions by differentiation and techniques of integration. Students must have a T1-84 series graphing calculator (or newer) for this course. Students may opt to take the AP test or apply for dual enrollment credit with Notre Dame of Maryland University (NDMU) - additional fees may apply.

**PREREQUISITE:** Completion of Pre-Calculus (430), see page 5 for other prerequisites.

### **445 AP Calculus BC**

AP CalcBC                      Grade 12 (or approval of instructor)                      Credit 1

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This course is a continuation of AP Calculus AB and prepares students to take the Advanced Placement Calculus BC exam at the end of the academic year. Topics include differentiation, advanced techniques of integration, and extending these concepts to three-dimensions. Students must have a T1-84 series graphing calculator (or newer) for this course. AP test fee may apply.

**PREREQUISITES:** Completion of Calculus AB or Pre-Calculus, see page 5 for other prerequisites.

### **455 CP Consumer Economics**

HConsEcon, ConEcon                      Grades 11 and 12                      Credit 1

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This course provides students with a foundation of macroeconomics, personal finance, budgeting, and investing.

## **WORLD LANGUAGES**

### **611 H, 612 CP French 1**

HFrench1, French1                      Grades 9, 10, 11, 12                      Credit 1

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This course is an introduction to the French language and the culture of the French-speaking world. This course helps students to develop an acceptable degree of proficiency in the four language skills: speaking, reading, listening, and writing. Cultural material is integrated into the learning process to develop an understanding and appreciation of the cultural heritage and lifestyles of the French-speaking world. A more rigorous testing and grading standard is placed on those students earning Honors credit for the course.

### **621 H, 622 CP French 2**

HFrench2, French2                      Grades 9, 10, 11, 12                      Credit 1

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This course strengthens and broadens the skills of listening, speaking, writing, and reading acquired during French 1. More complex grammatical structures and verb tenses are added to those taught during the first year of study. Students read longer texts and writing skills are further developed through guided composition. Auditory and speaking skills are developed more fully through classroom conversation and listening activities. This course continues to integrate cultural material into the learning process, expanding the students' appreciation of the cultural heritage and lifestyles of the French-speaking world. A more rigorous testing and grading standard is placed on those students earning Honors credit for this course.

**PREREQUISITE:** Honors – Honors French 1 or recommendation of the French teacher, CP – CP French 1.

**631 H, 632 CP French 3**

HFrench 3, French3

Grades 11 and 12

Credit 1

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In this course, the student continues to expand and perfect all of the language skills learned during the first two levels and to broaden the study of the rich culture of the French-speaking world. Students compose original writing in French and begin to read French literature. Conversing in French is expected of students at this level.

**PREREQUISITE:** Honors – Honors French 2 or recommendation of the French teacher, CP – CP French 2.

**641 H, 642 CP French 4**

HFrench4

Grades 11 and 12

Credit 1

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This course is designed for students who wish to explore the French language and culture in more depth. It provides a thorough review of French grammatical structures and verb tenses. French literature, art, music and history are explored with increased emphasis on oral and written communication. Students are expected to work on a large variety of activities that stress verbal fluency and oral comprehension, as well as perfecting writing skills in the French language.

**PREREQUISITE:** Successful completion of CP or Honors French 3.

**644 H French 5**

HFrench5

Grade 12

Credit 1

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This course is designed for students who wish to explore the French language and culture at the AP level. It emphasizes the six themes of the AP curriculum. Students cultivate their understanding of French language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and community, personal and public identity, beauty and aesthetics, science and technology, contemporary life, and global challenges. Students are expected to work on a variety of activities that stress verbal fluency and oral comprehension, as well as perfecting writing skills in the French language.

**PREREQUISITE:** Honors French 4.

### **651 H, 652 CP Spanish 1**

HSpanish, Spanish1                      Grades 9, 10, 11, 12                      Credit 1

This course is an introduction to the Spanish language and to the culture of the Spanish-speaking world. The objective of this course is to help each student develop basic proficiency in the four language skills: speaking, reading, listening, and writing. Cultural material is integrated into the learning process to enable the students to develop an understanding and appreciation of the cultural heritage and lifestyles of the Spanish-speaking world. A more rigorous testing and grading standard is placed on those students earning Honors credit for the course.

### **661 H, 662 CP Spanish 2**

HSpanish2, Spanish2                      Grades 9, 10, 11, 12                      Credit 1

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This course strengthens and broadens the skills of listening, speaking, writing, and reading acquired during Spanish 1. More complex grammatical structures and verb tenses are added to those taught during the first year of study. Students begin reading longer texts in Spanish and writing skills are developed through guided composition. Auditory and speaking skills are developed more fully through conversation and listening activities. This course continues to integrate cultural material into the learning process, expanding students' appreciation of the cultural heritage and lifestyles of the Spanish-speaking world. A more rigorous testing and grading standard is placed on those students earning Honors credit for this course.

**PREREQUISITE:** Honors – Honors Spanish 1 or the recommendation of the Spanish teacher, CP – CP Spanish 1

### **671 H, 672 CP Spanish 3**

HSpanish3, Spanish3                      Grades 10, 11 and 12                      Credit 1

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Students continue to expand and perfect all the language skills learned during the first two levels and to broaden their study of the rich cultural diversity of the Spanish-speaking world. Students compose original writing and give presentations in Spanish. Significant oral participation in Spanish is expected of students at this level. Cultural readings in Spanish continue to be an integral part of this course.

**PREREQUISITE:** Honors – Honors Spanish 2 or the recommendation of the Spanish teacher, CP– CP Spanish 2.

### **681 H, 683 CP Spanish 4**

HSpanish4

Grades 11 and 12

Credit 1

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This course provides a thorough review of Spanish grammatical structures and verb tenses. The study of Spanish vocabulary is broadened with an emphasis placed on idiomatic expression. Students read selections about the history and culture of the Spanish-speaking world and Spanish literature, which provides context for compositions and conversation. In addition, conversations in Spanish on topics of interest to the students are integrated into the course.

**PREREQUISITE:** Successful completion of CP or Honors Spanish 3.

### **685 H Spanish 5**

HSpanish5

Grades 11 and 12

Credit 1

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Students develop a higher degree of proficiency in the four language skills: speaking, reading, listening, and writing. Cultural material is integrated into the learning process to enable students to develop an understanding and appreciation of the Spanish-speaking world. The objective is to prepare students to be conversant in the Spanish language.

**PREREQUISITE:** Honors Spanish 4.



## VISUAL AND PERFORMING ARTS

### McCafferty Honors Visual and Performing Arts Program

TCHS offers a four-year sequence in piano, visual art, band, orchestra, choir, dance or theatre. The four-year course of study requires graduated levels in the subject area. Unless specifically noted, visual and performing art classes are open to any TCHS student so they may satisfy the visual and performing art credit required for graduation.

<b>COURSE</b>	<b>GRADE 9</b>	<b>GRADE 10</b>	<b>GRADE 11</b>	<b>GRADE 12</b>
<b>Dance **</b>	Dance 1 <b>plus</b> Dance Company	Dance 2 <b>plus</b> Dance Company	Dance 3 <b>plus</b> Dance Company	Honors Dance 4 – Final Project <b>plus</b> Dance Company
<b>Piano</b>	Piano 1	Piano 2	Piano 3	Piano 4 or Accompanist <b>plus</b> AP Music Theory
<b>Band</b>	Symphonic Band	Symphonic Band	Honor Chamber Winds	Honors Chamber Winds <b>plus</b> AP Music Theory
<b>Orchestra</b>	Chamber Strings	Chamber Strings	Chamber Strings	Honors Chamber Strings <b>plus</b> AP Music Theory
<b>Choir</b>	Concert Choir	Honors Chamber Choir	Honors A Cappella Choir	Honors A Cappella Choir <b>plus</b> AP Music Theory
<b>Visual Art</b>	Basic Studio Art	Intermediate Studio Art	Advanced Studio Art	Honors Advanced Studio Art 2 <b>and</b> Senior Art Project
<b>Theatre**</b>	Speech & Drama <b>plus</b> Technical Theatre	Theatre <b>plus</b> Theatrical Dance	Advanced Acting <b>or</b> Acting & Directing <b>plus</b> Women in Theatre & Film	Honors Senior Theatre and Final Project

**\*\* After school required component.**

## MUSIC

### **817 CP Symphonic Band**

SymphBand

Grades 9, 10, 11, 12

Credit 1

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This course provides all levels woodwind, brass, and percussion instruction in a class setting. Emphasis is placed on ensemble fundamentals and individual technique through performance of various genres of band literature. Students are required to purchase concert and travel apparel. Extra rehearsals and performances are required as part of this course. Some students will be selected to perform in the Cub band, which performs locally and at school and community events. A marching band uniform is provided by TCHS for these students.

**PREREQUISITES:** Student has played a wind, brass, or percussion instrument in an ensemble for at least one school semester.

### **808 H Chamber Winds**

ChamWinds

Grades 11 and 12

Credit 1

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Chamber Winds is a smaller select ensemble that focuses on repertoire of an advanced caliber that places more responsibility on the individual instrumentalist. Students continue to receive instruction in music theory, as well as an overview of music history. Chamber Winds shares some repertoire with Band/Orchestra and performs some of the larger works with them.

**PREREQUISITES:** Permission of the instructor and Department Chair.

### **806 CP String Orchestra**

CPStringOrc

Grades 9, 10, 11, 12

Credit 1

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TCHS Chamber Strings provide all levels of string instruction in a class setting. Emphasis is placed on ensemble fundamentals and individual technique through the performance of string and full-orchestral literature. For select performances, the Band combines with the Chamber Strings to form the TCHS Symphonic Orchestra. The Chamber Strings perform in school and community concerts. Extra rehearsals and performances are required as part of this course. Chamber Strings receive further instruction in the fundamentals of instrumental music and beginning music theory, including intermediate and advanced rhythm, scales, key signatures, intervals, and major and minor modes.

**PREREQUISITES:** Student has played violin, viola, cello, or bass in an ensemble for at least one school semester.

### **807 H String Orchestra**

HStringOrc

Grades 11 and 12

Credit 1

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TCHS Chamber Strings is an auditioned ensemble that provides advanced string instruction in a class setting. Emphasis is placed on ensemble fundamentals and individual technique through the performance of string and full-orchestral literature. For select performances, the Band combines with the Chamber Strings to form the TCHS Symphonic Orchestra. The Chamber Strings perform in school and community concerts. Extra rehearsals and performances are required as part of this course. Chamber Strings receive further instruction in the fundamentals music theory, including advanced rhythm, scales, key signatures, intervals, and major and minor modes, advanced intervals and triads.

**PREREQUISITES:** Permission of the instructor and Department Chair.

### **813 CP Concert Choir**

ConcertChoir

Grades 9, 10, 11, 12

Credit 1

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TCHS Concert Choir is the largest vocal ensemble. This choir receives instruction in the fundamentals of singing and beginning music theory. As this is a performance-based course, rehearsals and concert performances are mandatory. The Concert Choir, with the Chamber Choir and the A Cappella Choir perform at the TCHS Christmas Concert and the TCHS Spring Concert. After school rehearsals are held the week prior to each concert. Additionally, some performances may be held outside of school hours and/or off-site. Choir members are expected to participate. New choir members are expected to purchase Concert Apparel.

**PREREQUISITES:** Vocal audition and permission of instructor.

### **814 H Chamber Choir**

ChamChoir

Grades 10, 11, 12

Credit 1

---

TCHS Chamber Choir is a smaller select ensemble that focuses on repertoire of an advanced caliber that places more responsibility on the individual singer. Students continue to receive instruction in music theory, as well as an overview of music history. Chamber Choir shares some repertoire with Concert Choir and performs some of the larger works with them, in addition to doing community service with that group at Christmas and other engagements.

**PREREQUISITES:** Concert Choir, Vocal audition demonstrating advanced level of musicianship and permission of instructor.

## 816 H A Cappella Choir

ACappella

Grades 11 and 12

Credit 1

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TCHS A Cappella Choir is the most advanced vocal ensemble course. Students receive advanced instruction in vocalizing and music theory. A Cappella Choir performs in all the school Liturgies, the Christmas and Spring concerts, the Adjudication festival concert, as well as other performances at the school, and outside venues. (A gig list is given each year with the syllabus). Singers are vocally challenged and are also asked to perform music with choreography. Singers learn to work in small groups (sectionals) and become leaders within the group. A Cappella 2 students also engage in the Project Based Learning (PBL) method with composing and arranging. The TCHS A Cappella Choir shares some repertoire with Chamber Choir and Concert Choir.

**PREREQUISITES:** Chamber Choir, vocal audition demonstrating advanced level of musicianship and permission of the instructor.

## 823 CP Piano 1

Piano1

Grades 10, 11, 12

Credit 1

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This course offers entry-level instruction in piano technique, practice habits, organizational skills, keyboard theory, sight-reading, and performance. Beginning music theory is covered, including staff notation, rhythm, major scales and key signatures.

## 824 CP Piano 2

Piano2

Grades 10, 11, 12

Credit 1

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This course reinforces and continues the development of technical skills, keyboard theory, sight-reading, and performance. Music theory units cover intermediate and advanced rhythm, major scales and key signatures and minor scales and key signature.

**PREREQUISITES:** Piano 1, audition and/or permission of instructor.

## 828 CP Piano 3

Piano3

Grades 11 and 12

Credit 1

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This courses offers expansion and practical application of previously acquired skills. Music theory units cover advanced scales and key signatures, advanced intervals, advanced rhythms and triads. Opportunities for accompanying school ensembles are available based on instructor recommendation.

**PREREQUISITES:** Piano 2, audition and/or permission of instructor.

## 829 CP Piano 4

Piano4

Grade 12

Credit 1

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This courses offers further expansion and practical application of previously acquired skills. Music theory units cover all major and minor scales, blues scales, advanced rhythms, triads and inversions. Opportunities for accompanying school ensembles are available based on instructor recommendation.

**PREREQUISITES:** Piano 3, Audition and/or permission of instructor.

## 810 AP Music Theory

AP MusThry

Grades 10, 11, 12

Credit 1

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This advanced level course is designed to engage students in learning activities that help them to achieve the outcome assessed by the College Board's AP Music Theory exam. The course is designed to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. These abilities are developed through various listening, performance, written, creative, and analytical exercises. Although this course focuses on music of the Common Practice Period (1650-1850), materials and processes found in other styles and genres are also studied. Students are encouraged to sit for the College Board's AP Theory exam. Students who successfully complete the AP Music Theory Exam and plan to major in music in college, may be able to enroll in an advanced music theory course, depending upon the individual college's policy.

**PREREQUISITES:** Permission of Department Chair.

## 826 CP Guitar 1

Guitar1

Grades 9, 10, 11, 12

Credit .5

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Students learn the basic fundamentals and techniques of playing acoustic guitar including tablature, chords, fingerpicking, and music notation. Music theory units covered are staff notation, beginning and intermediate rhythm and piano keyboarding. Instruments are provided. Students purchase a book. At least one school performance is mandatory.

## 827 CP Guitar 2

Guitar2

Grades 9, 10, 11, 12

Credit .5

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This class is a continuation of Guitar 1. Guitar 2 performs pop songs, ensemble pieces and uses more advanced techniques of acoustic guitar. Instruments are provided. Music theory units covered include major scales, key signatures, and intervals. At least one school performance is mandatory.

**PREREQUISITES:** Guitar 1, Audition and permission of instructor.

# ART

## **831 CP Basic Studio Art**

StudArt

Grades 9, 10, 11, 12

Credit 1

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This foundation course covers the basic handling of tools, materials, and techniques. In this design course students understand how art works through the elements of art and principles of design and are able to identify them in artwork and describe their significance. Students produce artwork, solving technical, visual, and creative problems encountered by all artists. This course provides all the foundational skills for students to continue in the VPA concentration, including gridding an image and learning techniques to build observational skills.

**PREREQUISITES:** Permission of instructor and Department Chair.

## **833 CP Intermediate Studio Art**

IntArt

Grades 10, 11, 12

Credit 1

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This course is a continuation of Basic Studio Art with an emphasis on using and improving previously acquired skills and knowledge of art elements and principals of design to complete major art pieces. Students specifically focus on faces, perspective drawing, composition, and the introduction of acrylic paint. Students continue to learn about the rich diversity of art forms that have been made throughout history and around the world.

**PREREQUISITES:** Grade B+ or above in Basic Studio Art or Grade B+ in Art Appreciation and permission of instructor and Department Chair.

## **832 CP Advanced Studio Art**

AdvStudioArt

Grades 11 and 12

Credit 1

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This course is a continuation of Intermediate Art and is structured in the same way. Concept and observational drawing and/or painting are introduced. Students complete projects that express ideas, values, and feelings that are important to individuals and society, and students must write statements defending their choices. Students begin to develop a personal portfolio as they analyze the relationship between ideas, materials, and the art-making process. Students continue to learn about the rich diversity of art forms in art history as personal research is required.

**PREREQUISITES:** Grade B+ or above in Intermediate Studio Art and permission of instructor and Department Chair.

## 839 H Advanced Studio Art 2 and Senior Art Project

ArtCapst

Grade 12

Credit 1

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This is the final course for seniors in the VPA Visual Arts Concentration. Students analyze and synthesize ideas, materials, and the art-making process, and the relationship between them, to create artwork for their capstone art portfolio on a specific theme of their choice (which can be formally or conceptually driven). Twelve pieces are required for the portfolio with a minimum of eight that support their portfolio topic being made during this class or the summer beforehand. Artist statements and image lists are required and students must be able to discuss and defend their ideas in depth. Students are required to regularly discuss their portfolio topics with their instructor, participate in peer critiques, and keep a sketchbook. Although not required, this class is meant to prepare students for the AP Art exam in the spring for those wishing to make more art pieces. Students have the option to participate in the off-campus senior art show.

**PREREQUISITES:** Grade B+ or above in Advanced Studio Art or Grade B+ or above in Intermediate Art with submission of portfolio proposal and personal art work. Also permission of instructor and Department Chair.

## 846 CP Sculpture and 3-D Design 1

Sculp1

Grades 10, 11, 12

Credit .5

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This course introduces students to thinking conceptually and creating dimensionally. Students are taught sculpture and 3-D design skills using a variety of materials such as plaster, wood, wire cardboard, paper, and found objects. Students research and learn about artists that predominately work in 3-D. Creativity and thinking “*outside of the box*” is encouraged.

## 847 CP Sculpture 2

Sculp2

Grades 10, 11, 12

Credit .5

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This course introduces students to thinking conceptually and creating dimensionally. Students are taught sculpture and 3-D design skills using a variety of materials such as plaster, wood, wire, cardboard, paper, and found objects. Students learn about and research artists that predominately work in 3-D. Creativity and thinking “*outside of the box*” is encouraged.

**PREREQUISITE:** B+ in Sculpture 1.

### **834 CP Art Appreciation**

ArtAppr

Grades 9, 10, 11, 12

Credit 1

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Students must be able to identify art elements and principles of design and understand how visual art functions in and contributes to society. Students make art projects that focus on specific art elements. They learn how to describe, analyze, and contextualize artwork, specifically through different art theories, art history, and cultures.

## **Theatre**

### **861 CP Speech and Drama**

Sp/Drama

Grades 9, 10, 11, 12

Credit .5

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Students improve the art of communication in the first quarter with writing and performing simple introductory speeches. Students acquire the skills to write and present a three to five minute speech on a topic that interests them. Students learn how to deal with stage fright. During the second quarter students delve into the Dramatic Arts by preparing (learning lines, blocking, etc.) and performing a 30-minute Children's Theatre Production at a nearby childcare center.

### **864 CP Theatre**

Theatre1

Grades 10, 11, 12

Credit .5

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This course begins with an overview of the History of Theatre and looks at playwrights through the centuries, such as Euripides, Shakespeare, and Moliere. Students explore pantomime, improvisation, and scene-work. The culmination of the class is the presentation of a five-minute scene from a play of the student's choice.

### **865 CP Tech Theatre and Sound Production**

TechTheat

Grades 9, 10, 11, 12

Credit .5

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Students learn elements of theatrical production, including set design, color-coding a scene, costuming and make-up, light-designing and how to operate a soundboard. Students may run the backstage crew for our theatrical productions.

### **866 CP Women in Theatre and Film**

WomenTheat

Grades 11 and 12

Credit .5

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This course examines the history of women on stage, in play writing and in film. The theater was a sexist place for many centuries. Women were not allowed to attend the theater until the 4th Century BC, let alone act in it. Males played all of Shakespeare's characters and we explore how women "broke" into this field. The class explores this topic with films, such as *Camille*, *Mildred Pierce*, *Carmen Jones*, and *Dial M for Murder*.

### **867 CP Acting and Directing**

Act&Direct

Grades 11 and 12

Credit .5

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Students learn how to go deeper into the acting process by connecting their own experiences and emotions to the characters they portray. Students use the Stanislavski method and learn how to create a sub-text for stage characters. Students learn vocal exercises to help them project and enunciate on stage. Finally, students apply what they learned by directing their peers in short scenes.

### **870 CP Theatrical Dance**

Theat/Dance

Grades 10, 11, 12

Credit .5

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This class combines learning the styles of famous choreographers such as Gene Kelly, Ginger Rogers, and Bob Fosse. We then take their techniques and create our own dance steps with the help of a guest choreographer. This course requires after school hours.

**PREREQUISITE:** Must be enrolled in the VPA Theatre Concentration or have approval of instructor.

### **869 CP Advanced Acting**

AdvActing

Grade 11

Credit 1

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Advanced Acting is a year-long course made available to juniors in the VPA Theater Concentration. It is not a required course. Students must memorize lines and blocking for up to five half-hour plays. Another aspect of Advanced Acting is studying Shakespeare's plays. We delve into *Hamlet* in the beginning of the year and later, *The Merry Wives of Windsor*. Other students may be invited to take the course.

**PREREQUISITE:** Permission of the instructor.

## 868 H Senior Theatre and Final Project

TheaProjH

Grade 12

Credit 1

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This course is the culmination of the 4-year VPA Theatre Concentration. The seniors choose a 30-minute scene from a play and cast, direct, design lighting, sound, costumes, make-up, etc. The performances are viewed on an evening in late April. Juniors (taking Advanced Acting (869) are cast in the seniors' capstone projects. This is a required course for seniors in the VPA Theatre Concentration.

**PREREQUISITE:** Permission of the instructor.

## Dance

### 872 CP Dance 1

Dance1

Grade 9 VPA Honors Program  
Grades 10, 11, 12 – VPA Credit

Credit 1

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This course serves as the introduction to the Honors Visual and Performing Arts Dance Program for all Freshmen. Students learn basic technical and performance skills in the dance techniques of Ballet, Jazz, and Modern/Contemporary. Students are introduced to improvisation, somatic practices, and influential choreographers and performers. The year culminates with the Spring Dance Concert, demonstrating the skills and vocabulary learned throughout the year.

**Additional requirements for VPA Honors Program:** Dance Company (includes mandatory after-school rehearsals and external performances.)

**PREREQUISITES:** Admittance to the VPA Honors Program is by audition only. Ninth grade students must be current members of the VPA McCafferty Honors Program in Dance.

### 873 CP Dance 2

Dance2

Grade 10 VPA Honors Program  
Grades 10, 11, 12 – VPA Credit

Credit 1

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Students develop technical and performance skills, beyond the beginning level in Ballet, Jazz and Modern/Contemporary dance. Students continue the study of improvisation and somatic practices and begin to study dance composition. The year culminates with the Spring Dance Concert demonstrating the skills and vocabulary learned throughout the year *and* presenting the dance component of a research and choreography project on an influential choreographer or performer.

**Additional requirements for VPA Honors Program:** Dance Company (includes mandatory after-school rehearsals and external performances).

**PREREQUISITES:** Completion of Dance 1 AND approval of instructor.

### 876 CP Dance 3

Dance3

Grades 11 VPA Honors Program  
Grades 11, 12 VPA Credit

Credit 1

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Students develop technical and performance skills in the high intermediate levels of Ballet, Jazz and Modern/Contemporary dance. Additionally, students utilize their skills in improvisation and composition, along with their knowledge of dance history and wellness practices, to begin to develop their own choreographic style. The year culminates with Spring Dance Concert demonstrating the skills and vocabulary learned throughout the year and presenting their solo and/or small group choreographic projects in the Concert.

**Additional requirements for VPA Honors Program:** Dance Company (includes mandatory after-school rehearsals and external performances).

**PREREQUISITES:** Completion of Dance 2 and approval of instructor.

### 877 H Dance 4

Dance4

Grades 12 VPA Honors Program

Credit 1

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This course is the culmination of the 4-year VPA Dance Concentration. The Dance 4 Honors class focuses on building the students' dance improvisation, composition, and production skills. Students continue developing their technical and performance skills in the high intermediate levels of Ballet, Jazz, and Contemporary dance, ultimately applying the knowledge gained through their time in the VPA Dance Program to manage a small cast of dancers as they create their Capstone Project. The Capstone Project is a choreographic work that the student will choreograph, score, and design costume and lighting elements. This is a required course for seniors in the VPA Dance Concentration.

**PREREQUISITES:** Completion of Dance 3 and approval of instructor.

## **CCBC DUAL ENROLLMENT COURSES**

CCBC ECAP courses are comparable in rigor to AP-level courses and require students to be able to manage a demanding academic workload. To enroll in a CCBC ECAP course, a student must have the following:

- A minimum overall average of B+ in all academic coursework.
- A recommendation from a current teacher in the subject area of the CCBC ECAP course.
- Approval from the College Counselor.

Students may enroll in no more than four CCBC ECAP courses in a single school year, with a maximum of two CCBC ECAP courses per semester.

### **253 CCBC Introduction to Psychology/PSYC 101**

Coll Psych

Grades 11 and 12

TCHS: 0.5 Credit

CCBC: 3 Credit

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Introduction to Psychology surveys the science of psychology and the application of critical thinking skills. Topics include research methods, biological bases of behavior, sensation and perception, states of consciousness, learning, memory, motivation and emotion, language, lifespan development, intelligence, stress and health, social behavior, personality, and abnormal behavior and its treatment. Applications of psychology in a culturally diverse world are also discussed.

### **251 CCBC Abnormal Psychology/PSYC 201**

AbnormPsy

Grades 11 and 12

TCHS: 0.5 Credit

CCBC: 3 Credit

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Abnormal Psychology examines the causes, diagnosis, assessment, symptoms, treatment, and prevention of mental disorders; includes historical and current theoretical perspectives, classification systems, cultural perspectives and legal/ethical issues.

**Prerequisite:** 253 CCBC Introduction to Psychology/PSYC 101



### **370 CCBC Astronomy/ASTM 101**

Astronomy

Grades 11 and 12

TCHS: 0.5 Credit  
CCBC: 3 Credit

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Astronomy is a course in which students examine observations and theories regarding the place of Earth in the Universe. Students will investigate other planets, stars from their formation in nebulae to their deaths as stellar remnants, galaxies, and the expanding universe. ASTM 102 Astronomy Laboratory, serves as the accompanying lab.

### **150 CCBC College Composition 1/ENGL 101**

Eng101

Grades 11 and 12

TCHS: 0.5 Credit  
CCBC: 3 Credit

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College Composition 1 is a course on critical thinking, reading, and composing practices with an emphasis on integrating appropriate research and academic documentation. Students develop rhetorical strategies, employing writing processes to compose for a variety of purposes and audiences.

### **160 CCBC Creative Writing/ENGL 209**

CreaWrit

Grades 11 and 12

TCHS: 0.5 Credit  
CCBC: 3 Credit

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Intended for students interested in writing poetry and/or short fiction, Creative Writing offers instruction and practice in the creation of imaginative structures; writing forms include poems, short stories, and brief dramas.

**Prerequisite:** 150 CCBC College Composition 1/ENGL 101

### **461 CCBC Introduction to Statistical Methods/MATH 153**

StatMethod

Grades 11 and 12

TCHS: 0.5 Credit  
CCBC: 4 Credit

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Examines statistical methodology and use of critical judgment in analyzing data sets. Topics include descriptive statistics, introduction to probability, normal and binomial distributions, hypothesis testing, confidence intervals, regression and correlation, chi-square distribution. A statistical computer package such as StatCrunch, Minitab, etc. is introduced as a computational tool and integrated throughout the course. Course offered every fall, spring and may be offered during additional sessions.

## **502 CCBC Introduction to Data Communications/DCOM 101**

IntDataCom

Grades 11 and 12

TCHS: 0.5 Credit  
CCBC: 3 Credit

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Introduction to Data Communications explores an informational and theoretical foundation necessary for students to comprehend an overview of the concepts, theory, principles, and practices of data communications and computer networks. Students survey networking hardware including servers, switches, and routers. Students also investigate networking software including operating systems, protocols, and services, and network management, including server administration, virtualization, cloud computing, and security. The course is designed for a student pursuing a career in networking.

## **465 Introduction to Accounting/ACCT 101**

Accounting

Grades 11 and 12

TCHS: 0.5 Credit  
CCBC: 3 Credit

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Introduction to Accounting is a course that provides students with an in-depth overview of the accounting cycle for sole proprietorships including skills such as record-keeping, double-entry accounting, and preparation of financial statements using accounting principles and theories.

## **616 CCBC Introductory Japanese 1/WLJP 101**

Japanese

Grades 11 and 12

TCHS: 0.5 Credit  
CCBC: 3 Credit

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Introductory Japanese I develops cross-cultural communication and global citizenship through the acquisition of reading, writing, listening, and speaking skills in Japanese at a novice level. It provides connections to other disciplines and cultures through the study of Japanese and develops an awareness of the cultural contributions and socio-political contexts of diverse, often underrepresented groups throughout the Japanese-speaking world. Topics related to local and global diversity provide the context through which language skills are taught and learned. Communicative competence at a novice level is emphasized, and learning is supported by instructional technologies.

**NOTE:** This course does not count as World Language credit at TCHS.

## 617 CCBC Introduction to American Sign Language/ASLS 101

SignLang

Grades 11 and 12

TCHS: 0.5 Credit

CCBC: 3 Credit

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Introduction to American Sign Language is a course designed to develop basic syntactical knowledge of American Sign Language (ASL). The course will focus on specific language and cultural behaviors, as well as introducing students to the grammar of ASL. Both receptive and expressive skills are the focus of the course, with a major emphasis on receptive skills. Students are provided exposure to the culture of the Deaf community and its relationship to other diverse groups. Students will participate extensively in interactive classroom activities using the “voices off” policy to ensure ASL immersion. Students will use video technology to record their work and receive feedback from the instructor. Students must have access to a webcam and computer for homework assignments.

**NOTE:** This course does not count as World Language credit at TCHS.

