

EXPLORERS COURSE GUIDE



People make this journey of life in many and varied ways, with different rhythms and intensities.

Each has a unique way of discovering the meaning of their life and of choosing their response.

No matter how they engage in their personal life journey, no matter how many detours they choose to follow, there is always the opportunity to meet and know God.

2026-2027



TABLE OF CONTENTS

Graduation Requirements	Page 1
Curriculum Design	Page 2
Career Pathways	Page 7
Course Selection Guidelines	Page 15
Dual-enrollment Courses	Page 16
Course Listing by Subject Area	Page 20
Business and Entrepreneurship	Page 21
Communications	Page 25
Computer Science and Engineering	Page 30
English	Page 34
Mathematics	Page 37
Physical Education	Page 41
Science	Page 42
Social Studies	Page 49
Theology	Page 57
Visual and Performing Arts	Page 59
World Languages	Page 65

Christopher Columbus High School is committed to a comprehensive educational program in academics, spirituality, and physical development that will lead our students to the experience of personal faith and of their vocation as good Christians and virtuous citizens. Enlivened by our mission as a Marist school and with the active cooperation of the young people themselves, Columbus High School seeks creative ways to:

- develop each student's self-esteem and inner capacity to give direction to his life
- provide an education of body, mind, and heart, appropriate to the age, personal talents and needs of each one and to the social context
- encourage students to care for others and for God's creation
- educate them to be agents of social change, for greater justice towards all citizens in their own society, and for more awareness of the interdependence of nations
- nurture each student's faith and commitment as disciples of Jesus and apostles to other youth
- awaken their critical consciousness and assist them to make choices based on Gospel values

GRADUATION REQUIREMENTS

A Christopher Columbus High School diploma is awarded to a student for having satisfactorily completed all requirements for high school graduation as prescribed by the State Board of Education, the Archdiocese of Miami, and the Marist Brothers. The minimum number of credits required for graduation is as follows:

English	4.0
Math (including Algebra 1)	4.0
Science (minimum of 2 lab courses)	3.0
Social Studies	3.0
Theology	4.0
World Languages	2.0
Personal Fitness & Physical Education	1.0
Communications	1.0
Fine & Performing Arts	0.5
Personal & Family Finance	0.5
Critical Thinking & Study Skills	0.5
Electives	5.0
TOTAL CREDITS:	28.5

Additionally, to graduate, students must earn a Florida scale grade point average of 2.0 and must complete a minimum of 100 hours of community service during their four years of high school.

It is the school's policy that to graduate, all students must take one of the two major college entrance examinations (*SAT*, *ACT*) by December of their senior year, though most students follow through in taking both before the end of junior year.

CURRICULUM

Course curriculum frameworks are aligned with standards and guidelines set forth by the Florida Department of Education, the Archdiocese of Miami, the Marist Brothers, the national councils for each subject area, and the College Board's AP Audits. Classes are taught at different levels of difficulty or acceleration and faculty within each content area consistently update essential knowledge and skills in the development of a balanced program of studies. The curriculum is further coordinated across grade levels and within grade levels to reflect a synchronized sequence of learning.

Based on clearly defined and appropriately challenging expectations for student learning, the **college preparatory curriculum (CP)** at Columbus High School is designed to meet the needs, interests, and career goals of all our students. Courses designated as **accelerated college prep** enable students who demonstrate the aptitude to possibly transition into the honors or AP level. **Honors level** courses aim to challenge high-achieving students with a more rigorous college prep curriculum of greater depth and higher expectations. Though all courses offer scaffolded learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation, students at the **honors/advanced placement and dual enrollment** academic setting can expect to engage extensively in depth analysis of documents and supplementary readings, work in the context of thematically categorized information, partake in Socratic seminars/discussions, and develop and demonstrate their skills through participation in capstone and/or research based paper/projects.

Advanced Placement courses prepare students for the College Board's AP Examinations administered each year in May. Rigorously developed by committees of college and AP high school faculty, the AP Exams represent the culmination of college-level work in each discipline in a secondary school setting and test students' ability to perform at a college level. Columbus High School consistently enjoys high AP results, and although students may receive up to 50 credits and advanced standing in college, the awarding of credits is determined by each individual post-secondary institution based on each student's test results. **Unless exempted by the principal or academic deans, students enrolled in an AP course must take the AP Exam in May.**

Along with AP courses, **dual enrollment** classes taken at the Christopher Columbus High School enables students to begin earning college credit through Florida International University, Marymount University, Barry University, and Doral College. Successful completion of dual enrollment courses will save time and money towards a college degree because these courses become a part of a student's permanent college transcript, and many colleges in the United States accept these credits when transferred.

Helping students prepare for the global workforce, the courses identified as **Project Lead the Way (PLTW)** enable them to build their interest in STEM degrees and careers. These courses offer higher-order reasoning, as well as rigorous competency-based applied learning, work attitudes and general employability skills linked to the career cluster.

Students who complete the requirements of their chosen pathway earn the AP + PLTW student recognition, a qualification that demonstrates to colleges and employers that the student is ready for advanced course work and interested in careers in this discipline. To earn the recognition, the student must satisfactorily complete three courses in the pathway – one AP course; one PLTW course; and a

third course, either AP or PLTW – and earn a qualifying score of 3 or higher on the AP Exam(s) and a score of Proficient or higher on the PLTW End of Course (EoC) assessment(s).

The following charts provide an overview of possible courses meeting graduation requirements at each grade level. Students and parents are encouraged to identify and examine core and elective courses that may satisfy graduation requirements and long-term college and career goals that go in hand with the student's ability and interests.

Graduation requirements	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES
FRESHMAN YEAR (7 credits)				
One credit course in each subject area group	Honors English 9 English 9 Accelerated English 9 College Prep	Honors Algebra 2 Algebra 2 Accelerated Honors Algebra 1 & 2 Honors Algebra 1 Algebra 1 Accelerated Algebra 1 College Prep	Honors Biology Biology Accelerated Biology College Prep	AP World History Honors World History World History Accelerated World History College Prep
One credit course required for all freshmen	Honors Communications Methodology Communications Methodology			
SOPHOMORE YEAR (7 credits)				
One credit course in each subject area group and a half credit in PE	Honors English 10 English 10 Accelerated English 10 College Prep	Honors Geometry & Trigonometry Honors Geometry Geometry Accelerated Geometry College Prep	Honors Chemistry Chemistry Accelerated Chemistry College Prep	
One credit course from any of these subject area groups. Mas Scholars must also complete one credit in AP Research.	AP Seminar (Mas Scholars) Honors Journalism & Public Speaking Yearbook 1 Journalism & Public Speaking* (Combined with Mathematics Foundational Principles*)	Mathematics Foundational Principles* (Combined with Journalism & Public Speaking*)	Honors Human Anatomy & Physiology Human Anatomy & Physiology	AP European History Honors Contemporary History Contemporary History Honors Civil & Criminal Law Civil & Criminal Law
Students select one half credit course from any of these subject area groups	Debate 1* Speech 1*			
JUNIOR YEAR (7 credits)				
One credit in each subject area group and a half credit in PE. Mas Scholars must also complete one credit in AP Research. Remaining credits are to be selected from the list of electives.	AP English Composition Honors English 11 (DE) English 11 Accelerated English 11 College Prep AP Research (Mas Scholars)	AP Calculus AB Honors Pre-Calculus (DE) Pre-Calculus Accelerated Honors Algebra 2 & Trigonometry Algebra 2 & Trigonometry Algebra 2 Honors College Algebra & Trigonometry College Algebra & Trigonometry	AP Physics 1 Honors Physics Physics AP Biology Honors Biology 2 AP Chemistry Honors Chemistry 2 AP Environmental Science Hon Environmental Science Environmental Science Honors Human Anatomy & Physiology Human Anatomy & Physiology Marine Science	AP U.S. History Honors U.S. History U.S. History
SENIOR YEAR (7 credits)				
One credit in English, Math, and Theology; one half credit in Social Studies; and two half credits in Business and Entrepreneurship (Economics and Personal and Family Finance). Remaining credits are to be selected from the list of electives.	AP English Literature Honors English 12 English 12 Accelerated English 12 College Prep	AP Calculus BC AP Calculus AB Honors Calculus AP Statistics Honors Statistics Honors Pre-Calculus (DE) Pre-Calculus Accelerated Honors College Algebra & Trigonometry College Algebra & Trigonometry College Algebra		AP U.S. Government* Honors U.S. Government* U.S. Government*
PLTW - Project Lead the Way Course DE - Dual Enrollment Course * - Half Credit Course				

THEOLOGY	WORLD LANGUAGES	VISUAL AND PERFORMING ARTS, PHYSICAL EDUCATION	BUSINESS, COMPUTER SCIENCE AND ENGINEERING
Honors Introduction to Catholicism* Introduction to Catholicism* Honors Jewish History & Hebrew Scriptures* Jewish History & Hebrew Scriptures*	Spanish 1 or 2 Spanish S1, S2 or Honors S3 French 1 or 2		
Honors Christology* Christology* Honors Ecclesiology* Ecclesiology*	Spanish 2 or Honors 3 Spanish S2 or Honors S3 AP Spanish Language (DE) French 2 or Honors 3	Personal Fitness*	
			Honors Computer Science Essentials Computer Science Essentials Marketing & Business Principles and Approaches to Leadership Introduction to Engineering Design Introduction to Hospitality & Tourism
		Drawing 1*, 2* Introduction to Band* Hon Concert Band 1* Rock Ensemble 1* Guitar Band* Drama 1*	
Honors Global Studies & the Sacraments* (DE) Global Studies & the Sacraments* Honors Ethics: Life in Christ* (DE) Ethics: Life in Christ*		Team Sports 1*, 2* Beginning Weight Training Care & Prevention of Athletic Injuries	AP Business with Personal Finance
Honors Social Justice* (DE) Social Justice* Honors World Religions* (DE) World Religions*			Honors Personal and Family Finance* Personal and Family Finance* AP Microeconomics* Honors Microeconomics* Microeconomics*

ELECTIVES FOR STUDENTS IN JUNIOR AND SENIOR YEAR

BUSINESS AND ENTREPRENEURSHIP

Accounting 1*, 2*
 Honors Business Law*
 Marketing & Business Principles*
 Honors International Business*
 Personal & Family Finance*
 Sports Management*
 Honors Principles of Entrepreneurship*
 Honors Leadership Techniques*
 Honors Marketing Mastery 1*, 2*
 Introduction to Hospitality & Tourism
 Honors Hospitality & Tourism Management*
 Honors Contemporary Issues of Sports Management (DE)
 AP Macroeconomics*

COMMUNICATIONS

Honors Creative Writing*
 Creative Writing*
 Journalism
 Honors Journalism 2
 Honors Journalism 3
 Speech*
 Honors Advanced Public Speaking*
 Debate 1*
 Honors Debate 2*
 Yearbook 1
 Honors Yearbook 2, 3
 Honors Digital Media Production
 Digital Media Production
 Honors Social Media*
 Social Media*
 Honors Writing Through Media*
 Introduction to Screen and Playwriting*

COMPUTER SCIENCE & ENGINEERING

AP Computer Science A
 AP Computer Science Principles
 Honors Computer Science
 Honors Computer Science Essentials
 Computer Science Essentials
 Honors Digital Video Editing*
 Digital Video Editing*
 Visual Computer Modeling*
 Web Design*
 Desktop Publishing*
 Graphics Animation & Visual Effects*
 Visual Computer Modeling*
 Honors CCNN TV Lab*
 Introduction to eSport and Game Design*
 Honors Game Design and Development
 Honors Emerging Technologies 1
 Introduction to Engineering Design
 Engineering Design*
 Architectural Design*
 Honors Principles of Engineering
 Honors Robotics
 Honors Applied Engineering

ENGLISH

AP Seminar
 AP Research
 Critical Thinking & Study Skills
 Honors Comparative Studies*
 Honors Imaginative Literature*
 Imaginative Literature*
 Mythology and Folklore*

MATH

AP Statistics
 Honors Statistics

WORLD LANGUAGES

Honors French 3, 4
 AP French Language
 Honors Spanish 3, 4
 Honors Spanish 4 (DE)
 Honors Spanish 53
 AP Spanish Language (DE)
 AP Spanish Literature
 Honors Spanish for Business Communication (DE)*
 American Sign Language 1
 Italian 1

SCIENCE

AP Physics 1
 AP Physics 2
 AP Physics C: Mechanics
 Honors Physics
 Physics
 AP Chemistry
 Honors Organic Chemistry*
 Honors Forensic Chemistry*
 AP Environmental Science
 Honors Environmental Science
 Environmental Science
 Marine Science
 AP Biology
 Honors Principles of Biomedical Science (PLTW)
 Honors Human Body Systems (PLTW)
 Honors Medical Interventions EMT (DE)
 Honors Human Anatomy & Physiology*
 Human Anatomy & Physiology*
 Astronomy*

SOCIAL STUDIES

AP Comparative Government*
 AP Psychology
 Honors Introduction to Psychology (DE)
 Psychology 1*
 Sports Psychology
 AP Human Geography*
 Florida History*
 International Relations*
 International Law*
 Honors History of the Modern Middle East*
 History of the Modern Middle East*
 Honors World War II*
 World War II*
 Honors Florida History*
 Florida History*
 Honors Lessons of the Holocaust and the Civil Rights Movement*
 Lessons of the Holocaust and the Civil Rights Movement*
 Honors Visions and Their Pursuits: U.S. History to 1920*
 Visions and Their Pursuits: U.S. History to 1920*
 Honors International Affairs*
 International Affairs*
 Honors Anthropology*
 Anthropology*
 Sociology*
 Global Studies*
 Honors Civil and Criminal Law
 Civil and Criminal Law
 Honors Criminal Justice* (DE)
 Honors Criminalology* (DE)
 Honors Introduction to Evidence and Trial Advocacy*

THEOLOGY

Christian Lifestyles*

VISUAL & PERFORMING ARTS

AP Art History
 Honors Art History
 Introduction to Art History and Criticism
 Honors Fine Arts Studio (DE)
 AP Art Drawing Portfolio
 AP Studio Art 2D
 AP Studio Art 3D
 Drawing 1*, 2*
 Digital Art 1*
 Honors Digital Art 2*
 Honors Painting*
 Honors Printmaking 1* (DE)
 Honors Printmaking 2* (DE)
 Honors Concert Band 1
 Honors Concert Band 2*, 3*, 4*, 5*
 Rock Ensemble 1*
 Honors Rock Ensemble 2*
 Music Technology & Sound Engineering*
 Concert Band*
 Percussion Techniques*
 Guitar Band*
 Drama 1*, 2*
 Honors Film History*
 Film Production 1
 Honors Film Production 2, 3
 Creative Photography

PLTW - Project Lead the Way Course

DE - Dual Enrollment Course

* - Half Credit Course

CURRICULUM PATHWAYS

The process of deciding on a career may begin as early as freshman year. Using career exploration tools, the counseling staff helps students throughout their four years at Columbus identify: strengths and interests leading to potential career fields, classes and experiences that best prepare them towards achieving their goals, and even possible colleges and other educational institutions where they can pursue their post high education.

Various identified **curriculum pathways** or **cross-disciplinary thematic strands** within our academic program also provide students a graded focus and coherent progression through specialized fields of study. By engaging in core academic and elective courses that meet his identified interests and skills, a student may gain the necessary knowledge and proficiency to pursue a career path in any number of related fields at the post-secondary level. Where possible, these *curriculum pathways* are supported by externships, service learning and other extracurricular experiences that complement and further enhance the student's learning process.

The following *curriculum pathways* identify:

- related careers within the focused field of study
- targeted core and recommended course options in the strand
- school and community-based opportunities for enrichment and recognition

Students are strongly encouraged to discuss the different options with their guidance and career counselors, teachers, and parents.

Curriculum pathway for: **FINE ART, MUSIC PERFORMANCE & PRODUCTION, DRAMATIC PERFORMANCE & PRODUCTION, FILM PRODUCTION, COMMERCIAL DESIGN, GAME/ANIMATION DESIGN**

	10 TH	11 TH & 12 TH
	Artistic Design and Production Drawing 1 or Drawing 2 Introduction to Band Hon. Concert Band 1 Rock Ensemble 1 Drama 1 Introduction to Art History & Criticism Hon. Art History Film Production 1	Digital Art Hon. Digital Art 2 Hon. Painting Hon. Printmaking 1, 2 Hon. Fine Arts Studio AP Art History AP Art Drawing Portfolio AP Studio Art 2D AP Studio Art 3D Hon. Rock Ensemble 2 Hon. Concert Band 2,3,4,5 Music Tech. Sound Engineering Hon. Drama 2, 3 Hon. Film History Film Production 1 Hon. Film Production 2, 3 Hon. Screen & Playwriting Visual Computer Modeling Graphics Animation & Special Effects Creative Photography Introduction to eSports & Game Design Hon. Game Design & Development
Enrichment	Jazz Ensemble, Drama Club, Film Club, Digital Art & Cartoon Club	
Recognition	Art Honor Society, Thespians Honor Society, Tri-M Music Honor Society, WorldStrides Music Festival, Music USA Festival	

Curriculum pathway for: **STEM related fields in MEDICINE & HEALTH SCIENCES**

	9 TH & 10 TH	11 TH & 12 TH
	Biomedical Sciences Hon. Biology or Biology Hon. Chemistry or Chemistry Hon Human y & Physiology or Human Anatomy & Physiology	AP Biology* AP Chemistry* AP Environmental Science Hon. Environmental Science or Environmental Science Principles of Biomedical Sciences* Hon. Medical Interventions EMT Hon. Physics or Physics AP Physics 1 AP Physics C: Mechanics, Electricity & Magnetism Hon. Organic Chemistry Hon. Forensic Chemistry
Enrichment	Pre-Med Club, Environmental Club, Project Blood Sugar	
Recognition	Science Honor Society, PLTW Certification*, STEM Innovators, Anatomage Competition, The Fairchild Challenge	

Career pathway for: **MEDIA, COMMUNICATION, BROADCASTING, JOURNALISM, WRITING, TV PRODUCTION**

	10 TH	11 TH & 12 TH
Media & Communication	Honors Journalism and Public Speaking Film Production 1	Hon. Screen & Playwriting Hon. Journalism 2, 3 Hon. CCNN TV Lab Assistant Film Production 1 Hon. Film Production 2, 3 Hon. Digital Video Editing or Digital Media Editing Graphic Design and Animation Hon. Writing Through Media Hon. Social Media or Social Media Hon. Digital Media Production or Digital Media Production Yearbook 1 Hon. Yearbook 2, 3
Enrichment	CCNN Live, Columbus Films, Adelante Yearbook, The Log	
Recognition	Quill & Scroll Honor Society, Student Television Network Honor Society, STN/FSPA/NATAS Regional and National Competition, All American High School Film Festival	

ENTREPRENEURSHIP, BUSINESS, MARKETING, FINANCE, MANAGEMENT

	10 TH	11 TH & 12 TH
Business and Entrepreneurship	Approaches to Leadership Marketing & Business Principles Introduction to Hospitality & Tourism	AP Microeconomics Hon. Microeconomics or Microeconomics AP Macroeconomics AP Statistics or Hon. Statistics Hon. Principles of Entrepreneurship Hon. Leadership Techniques Business Law Accounting 1, 2 AP Business with Personal Finance Hon. Personal and Family Finance or Personal and Family Finance Marketing & Business Principles Hon. Marketing Mastery 1, 2 Sports Management Hon. Contemporary Issues in Sports Management Hon. International Business Introduction to eSports & Game Design Hon. Hospitality & Tourism Management Hon Spanish for Business Communication
Enrichment	<i>Future Business Leaders of America (FBLA), Distributive Education Clubs of America (DECA), Future Realtors of America, Entrepreneurship Club, Investments Club, Blockchain Club</i>	
Recognition	Business Honor Society, FBLA & NFTE Business Pitch Competitions, American Marketing Association Certification	

Curriculum pathway for: **STEM related fields of COMPUTER SCIENCE**

Computer Science	10 TH	11 TH & 12 TH
	Computer Science Essentials Hon. Computer Science Essentials	AP Computer Science Principles Hon. Computer Science AP Computer Science A Graphics Animation & Visual Effects Visual Computer Modeling Introduction to eSports and Game Design Hon. Game Design & Development Hon. Robotics Hon Applied Engineering
	Enrichment	Coding Club, Cybersecurity Club, STEM Club, Azor eSports Complex
	Recognition	Vanta High School eSports League

Curriculum pathway for: **STEM related fields of ENGINEERING, ENVIRONMENTAL SCIENCE**

	9 th & 10 TH	11 TH & 12 TH
Engineering	Biology Chemistry Introduction to Engineering Design	AP Biology AP Chemistry AP Environmental Science Hon. Environmental Science or Environmental Science AP Physics C: Mechanics, Electricity & Magnetism AP Physics 1 AP Physics 2 Hon. Physics or Physics AP Statistics or Honors Statistics AP Precalculus Hon. Precalculus or Precalculus AP Calculus AB/BC Hon. Calculus or Calculus Hon. Principles of Engineering Engineering Design Architectural Design Hon. Robotics Hon. Applied Engineering
Enrichment	Aeronautics Club, Environmental Club, Pre-Engineering Club, Robotics Club, STEM Club	
Recognition	Conrad Challenge, Vex Robotics World Competition, National STEM Honor Society, International Robotics Honor Society, Science Honor Society, Mu Alpha Theta (Math Honor Society)	

Curriculum pathway for: **LAW, PUBLIC POLICY, AND CIVIC ENGAGEMENT**

	9 th & 10 TH	11 TH & 12 TH
Law & Civic Engagement	Debate 1 AP European History Hon. Contemporary History or Contemporary History Hon. Civil and Criminal Law or Civil and Criminal Law	AP U.S. Government or U.S. Government AP Comparative Government AP Human Geography Hon. History of the Middle East or History of the Middle East Hon. Holocaust & Civil Rights or Holocaust & Civil Rights Movement Hon Social Justice or Social Justice Hon. Criminal Justice Hon. Criminology Hon. Introduction to Evidence & Trial Advocacy Business Law International Law Hon. Debate 2
Enrichment	<i>Close Up</i>, Debate Team/Club, Foundational Skills, Pre-Law Club, American Voters Club, Current Politics Club, Patriot Club, Mock Trial Team	
Recognition	Rho Kappa Honor Society, Florida Law Honor Society	

COURSE SELECTION GUIDELINES

Every student is encouraged to be very careful when selecting courses for the coming year and to seek advice from counselors, teachers, and parents, as changes will be penalized once the selection process has concluded.

Many courses have prerequisites that must be met if a student is to register for these classes. Course selections should also be made with an understanding of the requirements of the college or university the student plans to attend upon graduation from Christopher Columbus High School.

A prerequisite for registration in an honors, dual-enrollment or AP course is a minimum cumulative weighted GPA of 3.50 or higher and a cumulative unweighted GPA of 3.0 or higher. Both AP and Dual Enrollment classes require additional fees.

Course overrides are possible only for courses where the student requests a higher-level course than that recommended by the current teacher; they are not acceptable for requesting a level lower than what is recommended. Incoming students may not request override of course placements based on results on the entrance and placement exams, previous coursework, and administrative consultation with subject area department leaders. Students seeking to override a teacher's or administrative course placement must understand that they do so at their own risk. Overrides may not be reversed, even when the student finds the requested level too challenging. There is a \$50.00 fee for override requests made after the schedule process is finalized.

Courses with insufficient registration may be canceled and students who have chosen these courses may be asked to select another course. The cumulative GPA is used to place students in courses with limited enrollment. Students who elect a capped class may be asked to select another course.

No schedule changes will be allowed after the second week of the semester, and only teacher-initiated changes will be considered after these dates.

Any student who fails a required course must make up that course to graduate. This should be done in consultation with the Academic Dean.

DUAL-ENROLLMENT COURSES

Florida International University has established prerequisites for certain dual-enrollment courses. First time registration in a math class requires students to pass the ALEKS test. Full year courses in History, English, Math, and Modern Languages must be taken in sequence (for example, a student cannot take the spring semester of a full year course if he has not successfully completed the fall semester). A student with a grade lower than a “C” will not be allowed to continue participating in the Dual Enrollment program. Certain courses may include additional requirements as indicated in the course description.

Students may also enroll in up to two **Doral College** asynchronous dual-enrollment courses as part of the regular school-day load of classes of their junior and senior year. To be eligible for the Doral College courses, a student must hold an unweighted GPA of 3.0 or above, be recommended for the program by his counselor, and meet **college readiness** in all areas of one of the following assessments:

Test	Reading/Verbal	English/Writing	Math
PSAT/NMSQT	490	N/A	480
SAT	490	N/A	480
ACT	19	17	19
PreACT	22	N/A	22
Classic Learning Test	N/A	38	16

Doral College dual-enrollment courses available:

Business

ACG 2021 Principles of Financial Accounting (3 cr.)

This course familiarizes students with the theory, logic, and concepts used in financial accounting. Students will learn about journalizing, posting, preparing a trial balance, adjusting and corrections, and closing. Students will also learn how to prepare income statements, balance sheets; learn about changes in owner’s equity and cash flow statement. Other topics include current assets, inventory, long-term assets and liabilities; corporate capital structure, retained earnings and financial statement analysis. Students learn accounting principles and mastery of accounting skills.

ACG 2071 Principles of Managerial Accounting (3 cr.)

This is an introductory course in managerial accounting which emphasizes the use of accounting data with respect to planning operations, budgeting, financial statements, and cost and profit analysis.

(Prerequisite: ACG 2021 Principles of Financial Accounting)

CGS 2100 Computer Fundamentals for Business (3 cr.)

This course focuses on how computers can be used as tools in the solution of business-related problems, particularly with respect to personal computer hardware and software used in today’s business environment. Students use pre-written programs to practice business applications such as word processing and the production of spreadsheets, databases, and presentation graphics, as well as the use of web browsers. This course emphasizes mastery with the use of computers in today’s business world. Hands-on exercises reinforce class work.

MAN 2021 Principles of Management (3 cr.)

An introduction to the world of management and its basic functions. Topics include human relations, goal setting and strategic and operational planning, decision-making, business ethics and social responsibility, organization structure and behavior, managing groups and teams, communication and information technology.

Communications

MMC 2122 Radio and Podcasting (3 cr.) - Spring Semester Only

The course explores the study and practical application of writing, production, and performance for audio storytelling. Students will create live and pre-recorded news, promotions and / or episodic content for podcasts and radio shows.

Digital Technology

CAI 1001C Introduction to Artificial Intelligence (3 cr.) The course will introduce students to the main foundational concepts and techniques used in artificial intelligence (AI). Students learn about the ethical and legal considerations of using AI and explore different technologies, including the conceptual framework of generative art, to better understand AI's role in the creative process.

Education

EDF 2005 Introduction to the Education Profession (3 cr.)

This course provides an overview of Florida's educator certification pathways and career options in education in accordance with Florida Statutes. Topics include: key educational philosophies; professional ethics; legal responsibilities, including mandatory reporting for child abuse and neglect; the Florida Educator Accomplished Practices (FEAP); key instructional practices associated with effective teaching of students with exceptionalities; Florida's state academic standards; and historical, legal and financial foundations of the Florida education systems. Students will explore effective teaching strategies in classroom management, educational technology and the foundations of all student learning needs. Includes a minimum of 15 hours of required clinical experience in a variety of school settings.

Health

HSC 1000 Introduction to Health Professions (3 cr.)

This course provides a comprehensive overview of the diverse fields within the health professions. It is designed for students exploring careers in healthcare and covers essential topics including the roles and responsibilities of various health professionals, healthcare delivery systems, and the ethical and legal considerations in the field. Students will be exposed to an array of professions to assist them in career planning. In addition, this course will provide students with essential skills for a healthcare career. Students will learn from guest speakers from different health professions, participate in interactive discussions, and explore case studies to gain insight into the daily realities of healthcare careers. The course will help students gain a clear understanding of their interests within the

healthcare landscape, equipping them with the knowledge to make informed decisions about their future careers.

HSC 1531 Medical Terminology (3 cr.)

Medical Terminology is a course designed to introduce students to the essential language of healthcare. This course provides students with the foundational knowledge of medical terms used across a variety of healthcare settings. Through an exploration of prefixes, suffixes, root words, and combining forms, students will learn to decipher, construct, and accurately interpret medical terminology. The course covers a broad spectrum of words and terms from anatomy, physiology, diagnostic procedures, diseases, treatments, and medical specialties. Upon completion, students will be equipped with the language skills necessary for entry-level positions in healthcare settings or for further academic study in healthcare-related fields. This course emphasizes the practical application of medical terminology in real-world clinical environments, providing students with the skills to communicate effectively in the medical field.

Humanities

HUM 1020 Introduction to Humanities (3 cr.)

In this course, students will learn about the creative ideas and accomplishments of various cultures in various fields of humanities that may include art, architecture, drama, history, music, literature, philosophy, and religion. The course will include cultural expressions from the western canon and may also include expressions from around the globe.

LIT 2000 Introduction to Literature (3 cr.)

In this course, students will be assigned readings representative of a broad range of literary genres and cultures. These readings will cover a variety of literary movements and historical eras. The readings will include selections from the western canon. Written analysis of literary works may be required. Students will be provided with opportunities to practice critical interpretation.

MUL 2010 Music Appreciation (3 cr.)

In this course, students will survey the history of classical music from antiquity to the modern period, focusing on Western music. The curriculum may also integrate a variety of popular and global styles where appropriate.

MUL 2380 Jazz and Popular Music (3 cr.)

A survey of the development of popular and jazz music with an emphasis on musical styles and outstanding artists.

PHI 2010 Introduction to Philosophy (3 cr.)

In this course, students will be introduced to the nature of philosophy, philosophical thinking, major intellectual movements in the history of philosophy, including topics from the western philosophical tradition, and various problems in philosophy. Students will strengthen their intellectual skills, become more effective learners, and develop broad foundational knowledge.

Social Sciences

ANT 2000 Introduction to Anthropology (3 cr.)

In this course, students will learn the foundations of anthropology as the study of human variation in its biological, social, and cultural dimensions. Students will learn about anthropological concepts, principles, and methodologies to understand and explore past and present human behavior. They will apply the anthropological approach to analyze issues pertaining to past and contemporary cultures, and develop intellectual skills and habits to understand behavioral, social, and cultural issues from multiple disciplinary perspectives.

DEP 2004 Human Growth and Development (3 cr.)

A systematic study of human development over the lifespan, with an emphasis on physical, cognitive, and psychosocial development.

SYG 1000 Principles of Sociology (3 cr.)

In this course, students will gain an understanding of the basic sociological concepts and vocabulary, including the methodological tools, sociological perspectives, and scientific procedures used by social scientists to collect data and conduct research. Topics generally include society and culture, institutions, socialization, influences, crime, change, groups, sex, race and ethnicity, family, class, and population.

COURSE LISTING BY SUBJECT AREA

Course information is organized as follows:

(1)	(2)	(3)	(4)	(5)
(6)				
(7)				

- 1) **COURSE TITLE** – Title indicates whether the course is Honors or Advanced Placement. No designation means that the course is College Preparatory or Accelerated College Preparatory, this distinction may be indicated in the “Special Designation” tab.
- 2) **CREDIT RECEIVED FOR THE COURSE** – 1 credit indicates a yearlong course and .5 indicates a semester course.
- 3) **SPECIAL DESIGNATIONS** – Indicates if course is Dual-Enrollment (**DE**), Project Lead the Way (**PLTW**), College Prep or Accelerated.
- 4) **COLUMBUS COURSE NUMBER** (used mainly for scheduling purpose)
- 5) **FLORIDA COURSE NUMBER** (where applicable)
- 6) **COURSE DESCRIPTION, FOCUS, AND/OR OBJECTIVES**
- 7) **PREREQUISITES OR COREQUISITES** (where applicable)

BUSINESS AND ENTREPRENEURSHIP

Accounting 1 **.5 credit** **6200** **8203310**

This course is an introduction to the system of recording, classifying, summarizing, and analyzing business transactions. The students will cover the complete accounting cycle from opening entries to end of fiscal period statements for a sole proprietorship and a partnership. The course will deal with expanded journals, general accounts receivable and accounts payable ledgers and eight column worksheets with adjustments.

Accounting 2 **.5 credit** **6210** **8203320**

This course is a continuation of Accounting 1. The complete business cycle for a merchandising business, organized as a corporation, is covered using purchases, sales, cash payments and a cash receipt journal. Accounting for payroll including taxes, uncollectible accounts, plant assets, depreciation, notes, and interest are also covered.

Prerequisite: Accounting 1

AP Business with Personal Finance **1 credit** **6500** **8500120**

This course aligns closely with a college-level introduction to business course. Students explore the business disciplines of entrepreneurship, marketing, finance, accounting, and management through real-world business applications, case studies, and project-based learning. In addition, students learn and apply all the National Standards for Personal Financial Education created by the Council for Economic Education and the JumpStart Coalition for Personal Financial Literacy.

Prerequisite: Teacher recommendation.

Honors International Business **.5 credit** **6230** **8217100**

This course is designed to prepare students to live and work in a global economy. Students develop an understanding of business principles, management styles, economics, and customs which affect business systems in the international environment.

Prerequisite: Completion of another Honors business course with a B+ or better, a minimum 3.5-weighted GPA and teacher recommendation.

Sports Management **.5 credit** **6250** **8827430**

This course provides instruction for career sustaining level employment in the sport, recreation, and entertainment industry. The content includes applied skills related to the sport, recreation, and entertainment marketing functions and industries including employment skills required for success in sport, recreation, and entertainment and career planning as related to the sport, recreation, and entertainment industry. The course will enable students to explore the vast sport industry as it pertains to society and the different levels of competition through the foundations of sport management, amateur sport industry, professional sport industry, sport industry support segments, lifestyles sports, and career preparation. The scope of this course will include, but not limited to the following: history of sport management; ethics; management, marketing, finance, economics, and legal principles; high school, youth, collegiate, international, and professional sports; sports agency; facilities and event management; sport sales, sporting goods, and licensed products industries; sponsorship; communications and broadcasting; and health/fitness industry and recreational sport.

Honors Principles of Entrepreneurship **.5 credit** **6260** **8812110**

This course provides instruction in the basic principles of entrepreneurship including the role of the entrepreneur, entrepreneurship as a career, ethics in business, and the principles of marketing, financing, and managing a business. Students will be able to: Identify and recognize value propositions which might lead to valid business opportunities; Evaluate business opportunities for feasibility and possible implementation; Identify the essential components of a Feasibility Analysis and Business Plan; Explain the decision making

processes for both starting and managing a business via a critical thinking model; Develop an approach to effective team building as well as delegation of managerial responsibilities; Develop an appreciation of management 'tools' and the accessibility of these tools on an 'as needed' basis.

Prerequisite: Teacher recommendation.

Honors Leadership Techniques	.5 credit	6270	2400310
-------------------------------------	------------------	-------------	----------------

The course focuses on the basic principles of personal and interpersonal leadership through a framework that analyzes leadership and management at different levels. Emphasis will be on vision, goals & objectives, motivation, decision-making, time management, power, team building, conflict and crisis resolution, ethics, dealing with change, communication skills, and diversity issues. Classroom teaching methods will include lecture, class discussion, videos, oral presentations, guest speakers, written assignments, and group projects.

Prerequisite: Completion of another business course with a B+ or better, a minimum 3.5-weighted GPA and teacher recommendation.

Hon Business Law	.5 credit	6281	8215130
-------------------------	------------------	-------------	----------------

This course is designed to introduce the legal aspects of business. Topics include business law concepts, forms of business ownership, insurance awareness, governmental regulations, management functions, human resources management issues, and career development.

Honors Contemporary Issues of Sports Management	.5 credit	Dual Enrollment 6340	9999999
--	------------------	-----------------------------	----------------

This course investigates contemporary issues relating to modern sport management. The focus will be on current events, topics, and implications surrounding specific areas of sport management and will require students to use critical thinking skills in the process of analytical and ethical decision making.

Marketing and Business Principles	.5 credit	6310	8827110
--	------------------	-------------	----------------

This course provides insight into the characteristic organization and operation of business. Topics to be covered include: the elements of marketing; meeting customer needs and the marketing concept; planning products and services and promotion. A variety of projects provide an opportunity to apply the marketing principles learned in the class.

Corequisite: Sophomores taking the course must also sign up for course 6311, Approaches to Leadership, as part of a sequence in the same year.

Honors Marketing Mastery	.5 credit	6350	8827120
---------------------------------	------------------	-------------	----------------

This dynamic course is tailored for high school students in grades 11-12, offering a comprehensive exploration of advanced marketing within a free enterprise system. Students will delve into key areas such as advertising, promotion, product development, branding, selling techniques, and marketing research. Emphasizing the role of technology, the internet, and social media, the curriculum also covers e-commerce strategies, retail positioning, and purchasing practices. The course integrates DECA (Distributive Education Clubs of America) into its learning framework, providing real-world applications and opportunities for student engagement.

Prerequisite: Marketing and Business Principles or Marketing Teacher Recommendation.

Honors Marketing Mastery 2	.5 credit	6351	8827130
-----------------------------------	------------------	-------------	----------------

The course content is designed to provide rigorous instruction aligned with academic standards, technical knowledge, and skills needed for careers in the Marketing, Sales & Service field. It covers a range of topics, including: Management functions and theories; Business ethics and regulations; Market analysis with

geographic, demographic, and economic data; Competitive advantage strategies (such as SWOT analysis); Supervising employees and workplace dynamics; Various types of taxes levied on a business. The course integrates DECA (Distributive Education Clubs of America) into its learning framework, providing real-world applications and opportunities for student engagement.

Prerequisite: Honors Marketing Mastery. Teacher Recommendation.

Approaches to Leadership	.5 credit	6311	2400300
---------------------------------	------------------	-------------	----------------

This course serves as an introduction to leadership skills, problem solving, decision making, communication skills, group dynamics, time and stress management, public speaking, human relations, public relations, team building, and other group processes, particularly as they relate to the business sector. The content includes, but is not limited to, the study in self-understanding, the development in such areas as goal setting, self-actualization, and assertiveness, and a study of organizational theories and management.

Corequisite: Sophomores taking the course must also sign up for course 6310, Marketing and Business Principles, as part of a sequence in the same year.

Introduction to Hospitality and Tourism	1 credit	6420	8703110
--	-----------------	-------------	----------------

This course provides an immersive overview of the hospitality industry, including lodging, food and beverage, travel, tourism, and event planning. Designed to prepare students for a college-level introduction, it covers key concepts like hotel operations, customer service, and business fundamentals, while offering insight into careers such as hotel management, culinary arts, travel coordination, and luxury event planning—all while learning valuable business practices, etiquette, and skills. Perfect for students exploring careers in this dynamic field.

Honors Hospitality and Tourism Management	.5 credit	6410	8703120
--	------------------	-------------	----------------

This course introduces students to the diverse opportunities within the hospitality industry, from restaurant management to event planning and destination marketing. Designed for future industry leaders, students will explore core principles like customer service, cultural awareness, and business strategy. Through project-based learning, guest speakers, and field trips, students will gain real-world insights while learning valuable business skills, practices, and etiquette, building a strong foundation for college and careers in hospitality.

Advanced Placement Macroeconomics	.5 credit	3400	2102370
--	------------------	-------------	----------------

This course will provide an overview of macroeconomic issues, the determination of output, employment, unemployment, interest rates, and inflation. Monetary fiscal periods are discussed, as are the public debt and international economic issues. It introduces basic models of macroeconomics and illustrates principles with the experience of the United States and other economies.

Advanced Placement Microeconomics	.5 credit	3410	2102360
--	------------------	-------------	----------------

This course is designed to provide an in-depth study of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets and includes the study of the rules of government in promoting greater efficiency and equity in the economy.

Honors Microeconomics	.5 credit	3420	2102320
------------------------------	------------------	-------------	----------------

This course is designed to provide an in-depth study of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets and includes the study of the rules of

government in promoting greater efficiency and equity in the economy. Students may consider taking the AP exam in May.

Microeconomics	.5 credit	Accelerated College prep	3440 3450	2102310
-----------------------	------------------	-------------------------------------	----------------------	----------------

This course is an introduction to the basic concepts of economics. The course includes: The role of the individual as a consumer and producer in the economy; how prices are established; functions of the government in the economy; the various business enterprises; causes of poverty and wealth; the gross national product; money and banking; the stock market; economic growth; taxes and government spending; urban and rural economic problems; a comparison of US economic system with other economic systems especially with that of communism.

COMMUNICATIONS

Honors Communications Methodology **1 credit** **0050** **1001480**

This course enables students to refine communication and critical-thinking skills important for success in college and career readiness. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted, students are challenged to think and collaborate critically on the context they are learning. The content includes, but is not limited to: using problem solving skills and research skills; reading on-grade level informational and technical texts of high complexity to obtain and analyze information and synthesize into evidence supporting the text; reading on-grade level literary text to obtain information and integrate knowledge of selected texts in listed standards; writing informational and argument texts to communicate information and ideas; using listening and speaking skills to obtain and communicate information and ideas; using highly complex digital and multimedia informational text, along with appropriate electronic tool; using listening, speaking, and viewing strategies with emphasis on the use of evidence to support or refute a claim in multimedia presentations; class discussions, and extended text discussions; collaborating amongst peers.

Communications Methodology **1 credit** **Accelerated** **0060** **1001480**
College Prep **0070**

This course enables students to refine communication and critical-thinking skills important for success in college and career readiness. Students are challenged to think and collaborate critically on the context they are learning. The content includes, but is not limited to: using problem solving skills and research skills; reading complex on-grade level informational and technical texts to obtain and analyze information and synthesize into evidence supporting the text; reading on-grade level literary text to obtain information and integrate knowledge of selected texts in listed standards; writing informational and argument texts to communicate information and ideas; using listening and speaking skills to obtain and communicate information and ideas; using digital and multimedia informational text, along with appropriate electronic tool; using listening, speaking, and viewing strategies with emphasis on the use of evidence to support or refute a claim in multimedia presentations; class discussions, and extended text discussions; collaborating amongst peers.

Advanced Placement Seminar **1 credit** **0010** **1700500**

The course engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision to craft and communicate evidence-based arguments.

Prerequisite: Teacher recommendation.

Advanced Placement Research **1 credit** **0020** **1700510**

This course allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a yearlong mentored, research-based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methods; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. The course culminates in an academic thesis paper of approximately 5,000 words and a presentation, performance, or exhibition with an oral defense.

Prerequisite: Teacher recommendation.

Critical Thinking and Study Skills	1 credit	0030	1700370
---	-----------------	-------------	----------------

This course is designed to develop skills related to critical thinking, learning and problem solving, enabling students to enhance their performance in both academic and non-academic areas. Strategies for acquiring, storing, and retrieving information, time management and organizational skills, critical thinking operations and processes, strategies for oral and written communication, and problem-solving skills including test taking skills are an integral part of this course.

Honors Journalism and Public Speaking	1 credit	0250	1006300 1007300
--	-----------------	-------------	----------------------------------

This course is an elective for students who want to explore the fundamentals of journalism and speech sequenced over two semesters. The course enables students to develop basic skills in the production of print or electronic journalistic media and in the fundamental skills of formal and informal oral communication. The content includes, but is not limited to: writing processes, production skills for varied media, proper listening, formal and informal oral communication skills, forms of oral and non-verbal communication, techniques of public speaking, research, organization, and writing for public speaking, history and ethics of journalism, applications and issues in photojournalism, organization and management techniques, technology for research, production, and dissemination, analysis and evaluation of journalistic media, careers in journalism.

Prerequisite: English teacher recommendation and CCNN Moderator.

Journalism and Public Speaking	.5 credit	0260	1006300
---------------------------------------	------------------	-------------	----------------

The course enables students to develop basic skills in the production of formal and informal oral communication. The content includes, but is not limited to: writing processes, production skills for varied media, proper listening, formal and informal oral communication skills, forms of oral and non-verbal communication, techniques of public speaking, research, organization, and writing for public speaking, history and ethics of journalism, applications and issues in photojournalism, organization and management techniques, technology for research, production, and dissemination, analysis and evaluation of journalistic media, careers in journalism.

Prerequisite: Communications Methodology (CP) and English teacher recommendation.

Honors Digital Media Production	.5 credit	0040	0107460
Digital Media Production		0041	0107450

This elective course focuses on content creation, media production, and delivery incorporating digital media visual, sound, and video elements. Students will utilize web-based tools such as the Adobe Suite to produce, edit and deliver business-ready content to prepare them for careers in digital mass media. The course is designed to enable students to produce projects that are more intricate in design for CCNN. Students use the most sophisticated production equipment available to create the projects. Honors level rigor will be achieved by increasing text complexity through content selection, focus on high-level qualitative measures, and complexity of task.

Prerequisite: CCNN's Moderator approval.

Honors Social Media	.5 credit	0080	1006375
Social Media		0081	

This course is an elective that focuses on social media best practices for writing content, frequency, visuals, and theories of social media. Students will learn how social media can enhance or be a deterrent for businesses and media outlets. The practical course explores the major social media channels, their evolution, the current and future impact of social media trends, and reporting on businesses and beyond. Honors level rigor will be achieved by increasing text complexity through content selection, focus on high-level qualitative measures, and complexity of task.

Honors Writing Through Media**.5 credit****0090****1006332**

The purpose of this elective course is to enable students to further their writing and language skills in a variety of writing formats through media. The course will focus on writing in corporate, entrepreneurial, and professional media using various digital genres (blogs, websites, etc.). Students will develop their critical faculties, enabling them to better examine and evaluate the writing of others, as well as their own. The content includes, but is not limited to: demonstrating advanced skills in telling stories and packaging them across the platforms/mediums of print, multimedia, online; demonstrating advanced skills in layout design, organization/management skills, and use of technology for the successful production of media; using advanced writing strategies to craft various forms of journalistic writing, including news writing, feature writing, sports writing, and editorial writing expressing ideas with maturity and complexity appropriate to writer, audience, purpose, and context; using advanced research skills and networking formats; demonstrating awareness of the recent history and changes in the responsible and ethical use of information, including the use of print and non-print photojournalism; and demonstrating awareness of the varied careers within the multiple formats of 21st-century journalism. Students will learn writing formats for argumentative, informative, and narrative purposes to ensure preparation for college and career readiness.

Honors Creative Writing**.5 credit****0500****1009330**

The purpose of this course is to enable students to develop and use writing and language skills for creative expression in a variety of literary forms. Special emphasis will be placed on grammar, punctuation, sentence structure, and the development of a personal writing style. Students will use a variety of techniques to develop their writing ability, including brainstorming, prewriting, and proofreading. The content includes analysis of literary models; impact of audience, purpose, and writing mode; writing process strategies; personal writing style; various creative writing experiences; peer review techniques; publication of final products. A major individual creative writing project will be assigned to judge improved writing ability.

Prerequisite: "B" average in Honors English 10 or 11.

Creative Writing**.5 credit****0510****1009320**

The purpose of this course is to enable students to develop and use writing and language skills for creative expression in a variety of literary forms. Special emphasis will be placed on grammar, punctuation, sentence structure, and the development of a personal writing style. Students will use a variety of techniques to develop their writing ability, including brainstorming, prewriting, and proofreading. The content includes analysis of literary models; impact of audience, purpose, and writing mode; writing process strategies; personal writing style; various creative writing experiences; peer review techniques; publication of final products. A major individual creative writing project will be assigned to judge improved writing ability.

Honors Screen & Playwriting**.5 credit****0515****1009350**

The purpose of this course is to enable students to develop and use writing and language skills for play writing in a variety of public performance formats. The content should include, but not be limited to, the following: an in-depth examination of various forms of plays in order to examine text craft and structure, including digital performance modes, modes of staging directions of power and impact of appropriate voice and/or tone and persona, reciprocal nature of content and form in development of writing for performance, literary theory associated with play writing; writing for varied purposes including personal and dramatic narratives, poetic oral performance formats, screenplay and multimedia productions, digital writing platforms; effective listening, speaking, and viewing; collaboration amongst peers, especially regarding peer reviews of multiple drafts and/or performances.

Journalism**.5 credit****0520****1006300**

The purpose of this course is to enable students to develop fundamental skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media. The content should include, but not be limited to, the following: demonstrating entry-level skills in telling stories and packaging them across the platforms/mediums of print, multimedia, online, and broadcast/radio; demonstrating fundamental skills in layout

design, organization/management skills, and use of technology for the successful production of journalistic media; using writing strategies to craft various forms of journalistic writing, including news writing, feature writing, sports writing, and editorial writing expressing ideas with maturity and complexity appropriate to writer, audience, purpose, and context; using fundamental research skills and networking formats; demonstrating awareness of the history of journalism and changes in the responsible and ethical use of information, including the use of print and non-print photojournalism; and demonstrating awareness of the varied careers within the multiple formats of 21st century journalism.

Honors Journalism 2	1 credit	0650	1006310
----------------------------	-----------------	-------------	----------------

The purpose of this course is to enable students to develop intermediate-level skills in the production of print or electronic journalistic media. The content should include, but not be limited to, the following: writing processes, production skills for varied media, history and ethics of journalism, applications and issues in photojournalism, organization and management techniques, technology for research, production, and dissemination, analysis and evaluation of journalistic media, careers in journalism. Emphasis will be on ethics and critical analysis. Students will learn and become proficient in news, sports, entertainment, feature writing and editing. They will also demonstrate basic production and organizational skills for electronic broadcast media. Course content includes ethics and responsibilities in mass media, impact of various programs, production and analysis of mass media, impact of mass media on history, culture, and politics.

Prerequisite: English teacher recommendation.

Honors Journalism 3	1 credit	0660	1006320
----------------------------	-----------------	-------------	----------------

The purpose of this course is to enable students to develop advanced skills in the production of print or electronic journalistic media. The content should include, but not be limited to, the following: writing processes, production skills for varied media, history and ethics of journalism, applications and issues in photojournalism, organization and management techniques, technology for research, production, and dissemination, analysis and evaluation of journalistic media, careers in journalism. Emphasis will be on ethics and critical analysis. Students will learn and become proficient in news, sports, entertainment, feature writing and editing. They will also demonstrate basic production and organizational skills for electronic broadcast media. Content includes current mass media as models for production, ethics and responsibilities in mass media, production of mass media, analysis and evaluation of various mass media and programming, marketing, exploration of careers and entrepreneurship in mass media, trends, and innovations. Students will work on news, sports, entertainment, feature writing and editing.

Prerequisite: Honors Journalism 2 and English teacher recommendation.

College Composition	.5 credit	0460	1009300
----------------------------	------------------	-------------	----------------

The purpose of this course is to enable students to develop and use fundamental writing and language skills for creative expression in a variety of essay formats. The content should include, but not be limited to, the following: analysis of model essays; impact of audience, purpose, and writing mode; writing process strategies; organization and support appropriate to text; various writing experiences; peer review techniques; possible publication of final products.

Advanced Writing Composition	.5 credit	0490	1009310
-------------------------------------	------------------	-------------	----------------

The purpose of this course is to enable students to develop and use intermediate-level writing and language skills for creative expression in a variety of essay formats. Emphasis will be on development of a personal writing style. Course content includes analysis of model essays, impact of audience, purpose, and writing mode, writing process strategies, organization and support appropriate to text, personal writing style, various writing experiences, peer review techniques. Instruction and practice will be devoted to cover letter/editorials, college admissions essays, grant proposals, technical writing, and advertising copy.

Yearbook 1	1 credit	0530	1006310
-------------------	-----------------	-------------	----------------

This is an introductory yearbook course that offers the student the total involvement in the production of *Adelante*, the school yearbook. Activities include advertising, layout design, photography, copy writing, and proofing.

Students will use computer programs such as Adobe InDesign, and Adobe Photoshop to complete the tasks. Before and/or after school lab time may be required and a lab fee will be assessed for this class.

Honors Yearbook 2	1 credit	0550	1006320
Honors Yearbook 3	1 credit	0590	1006330

These courses are for junior- and senior-level publication staff members for *Adelante*, the school yearbook, and are meant to be taken in a sequential manner. Students are required to fill an editor's position or take a leadership role on the publication staff. Students will plan a yearbook ladder, complete various spreads and assignments, copy edit, and complete a portfolio of work. Students will master advanced layout and design of desktop publishing, digital imagery, and photo placement.

Speech	.5 credit	0600	1007300
---------------	------------------	-------------	----------------

The purpose of this course is to enable students to develop fundamental skills in formal and informal oral communication. Course content includes proper listening, formal and informal oral communication skills, forms of oral and non-verbal communication, techniques of public speaking, research, organization, and writing for public speaking, analysis of public speaking, job interviews.

Honors Advanced Public Speaking	.25 credit	8330	1007310
--	-------------------	-------------	----------------

This course enables students to become aware of the importance of communication in personal and professional environments. Students will gain experience in interpersonal, group, and public communication. Additionally, students will practice delivery of professional and personal speeches using visual aids, where appropriate, to enhance presentation, and will also learn strategies to overcome fears and anxiety associated with public speaking. This class is scheduled for outside of the regular day schedule.

Prerequisite: Teacher recommendation.

Debate	.5 credit	0640	1007330
---------------	------------------	-------------	----------------

The purpose of this course is to enable students to develop fundamental skills and techniques for use in debate and forensic activities. Course content includes communication skills, logic and critical-thinking skills, techniques of public speaking, research skills, parliamentary procedure, case construction, argumentation and debate skills, analysis of debates, timing, and judging techniques. Students will be provided opportunities to research, gather and organize evidence and translate evidence into meaningful arguments. Students are expected to participate in three tournaments and a fee is required.

Honors Debate 2	.5 credit	0700	1007370
------------------------	------------------	-------------	----------------

This course is for students who are experienced debaters. Two-thirds of the Major Instructional Goals for this course are written at the evaluation, synthesis, and analysis levels. The instructional materials selected for this course support these MIGs at this level of learning. The course is designed to cross subject area lines when appropriate to give the student a broad view of concepts under investigation. Most of the students' work will include the elements of research, exploration, and evaluation. All students in this course are expected to read extensively, think critically, and write lucidly.

Prerequisite: Per coach/director of debate recommendation only.

COMPUTER SCIENCE AND ENGINEERING

COMPUTER SCIENCE

Advanced Placement Computer Science A

1 credit

6000

0200320

This course covers the recommended AP Computer Science (A) curriculum which includes solving problems, developing algorithms, writing pseudocode, and writing stylistically sound programs. The course stresses top-down programming and debugging as well as program modularity. Concepts such as classes, objects, inheritance, polymorphism, and code reusability are studied. Hands-on laboratory work helps solidify each concept. The specific topics covered include problem solving, the program development process, input and design methodology, files, Boolean expressions, control structures, looping, procedures, value and reference parameters, interface design, functions, recursion, sets, simple and defined data types, advanced algorithms for sorting and searching, as well as single and multidimensional arrays.

Prerequisite: Completion of a math course above Honors Geometry with a grade of "B+" or better and/or approval of the computer science teacher.

Advanced Placement Computer Science Principles

1 credit

6290

0200335

Rather than teaching a particular programming language or tool, this course focuses on using technology and programming to solve computational problems. It is organized around key big ideas that help students build a solid understanding and facility with computing and computational thinking. Students will use computational tools to analyze and study data and work with large data sets to analyze, visualize, and draw conclusions from trends. They will also develop effective communication and collaboration skills, working individually and collaboratively to solve problems, and discussing and writing about the importance of these problems and the impact to their community, society, and the world.

Prerequisite: Completion of a math course with a grade of "B+" or better at the accelerated level or higher and/or approval of the computer science teacher.

Honors Computer Science

1 credit

6010

0201310

This course will cover programming concepts and techniques as well as demonstrating the ethical and social implications of computer-based technologies. The development and use of the programming language Java including syntax, vocabulary and data structures will be covered. Sequential, logical problem solving will be used to develop and modify algorithms to solve complex problems. Programs will be written to solve these complex problems.

Prerequisite: Completion of a math course above Honors Geometry with a grade of "B+" or better and/or approval of the computer science teacher.

Honors Computer Applications

.5 credit

6020

0200330

This course develops computer skills in an accelerated environment. The course will cover intermediate and advanced topics in word processing, spreadsheets, database management, and presentation software, and will enable students to gain insight into the history and the use of the Internet and the World Wide Web. To bolster and enliven the technical content, assignments are integrated with non-technical skills such as creative writing, life management, business arts, accounting, and statistics. Individualized lab projects are required. This class will require outside lab work.

Computer Applications

.5 credit

6030

0200310

This course is an introduction to the use of microcomputers, providing intensive hands-on experience with commonly used software packages and enabling the student to understand the ethical use of the Internet. Students will gain experience and familiarity with word processing, spreadsheet, and presentation software. Individualized lab projects are required. The course will require some outside lab work.

Desktop Publishing	.5 credit	6040	0200385
---------------------------	------------------	-------------	----------------

This course will develop the student's skill in changing ordinary text into professional presentations with design elements. The student will master practices used by graphic designers to create newsletters, flyers, advertisements, brochures, menus, stationery, and invitations. This course equips the student with skills that have immediate applications in the real world.

Computer Science Essentials	1 credit	6300	0200315
------------------------------------	-----------------	-------------	----------------

Honors Computer Science Essentials	1 credit	6330	0200315
---	-----------------	-------------	----------------

This course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing, so all students understand how these concepts are transforming the world we live in. Students work in teams to create apps for mobile devices using MIT App Inventor®. They explore the impact of computing in society and build skills in digital citizenship and cybersecurity. Beyond learning the fundamentals of programming, students build computational-thinking skills by applying computer science to collaboration tools, modeling and simulation, and data analysis. In addition, students transfer the understanding of programming gained in App Inventor to text-based programming in Python® and apply their knowledge to create algorithms for games of chance and strategy.

Prerequisite for the Honors course: Minimum 3.0 GPA in Honors level or 3.5 GPA in Accelerated level English and Math courses.

Web Design	.5 credit	6080	0200400
-------------------	------------------	-------------	----------------

This course introduces the principles for planning, designing, and creating basic web sites. The course examines the factors that affect web layout and design, such as site navigation, graphics, color, and publishing. Students will learn to create professional quality web pages using character styles, paragraph formats, image maps, hyperlinks, tables, and frames. Lab time before and after school required.

Prerequisite: Knowledge of Windows and the Internet or equivalent experience.

Digital Video Editing	.5 credit	6110	1100340
------------------------------	------------------	-------------	----------------

Honors Digital Video Editing		6111	
-------------------------------------	--	-------------	--

An introductory course allowing students to learn the principles of digital video editing techniques using computer software. Adobe Premiere Pro is used to introduce concepts and methods that are transferable to most other editing systems. Practical business and creative arts applications will be incorporated into assignments for this course. Individualized video editing projects will be required. This class requires outside lab time and an additional lab fee. Class enrollment is limited.

Prerequisite for the Honors course: Minimum 3.0 GPA

Visual Computer Modeling	.5 credit	6100	0200370
---------------------------------	------------------	-------------	----------------

Students will learn how to create original images or retouch photographs with Photoshop, the most powerful image editing program used in photography, graphic, web, and motion graphics. This introductory course will guide the student through Photoshop's essentials: the interface, navigation, selections, layers, and channels. Hands-on lessons will help develop basic knowledge of image production such as resolution and image size, selection techniques, color models, basic layer techniques, photo-retouching, and file handling for print and web output. Shortcuts and tips for enhancing productivity will be discussed.

Graphics Animation and Visual Effects	.5 – 1 credit	6050	9999999
--	----------------------	-------------	----------------

This course covers the core concepts and skills necessary to excel in motion graphics animation and visual effects, as well as advanced approaches and techniques. Students will be able to create the visual effects for use in web

video and podcasts, broadcast television, and film by applying motion and animated effects to media elements, creating transparency in layers using mattes, masks, and stencils, animating objects in 3-D space.

Prerequisite: Successful completion of Digital Video Editing and/or Visual Computer Modeling. In lieu of these classes students must have teacher's permission and demonstrate command of basic Windows application skills and video editing applications such as Adobe Premiere or Adobe Photoshop.

Honors Media Assistant .5 credit 6150 9999999

In this course students work in various information services. They learn how to manage information resources, check-out services, and the library collection itself. Students master a variety of computer applications and database functions. Meeting time, which occurs outside the regular school day, is flexible to accommodate each student's other responsibilities. Librarian's approval is required.

Honors CCNN TV Lab .5 credit 6180 9999999

This course is for students working in the production of the Columbus daily newscast outside of the regular scheduled courses. Students learn to work with green screen technology, teleprompters, professional grade video cameras, DSLRs, and operating a multicaster. In the writing department, they also prepare scripts covering topics from school and national news, to features, entertainment, and sports, as well as preparing commercials paid for by advertisers. Students may not register for this course if they have taken or are taking courses 6160, 6170 or 6180.

Introduction to eSports and Game Design 1 credit 6320 9999999

This foundational course enables students to understand the history, development and career options of eSports and the digital game industry. While focusing on the digital and narrative design aspect of gaming, students will also explore the ethics and conduct expected of a professional athlete in the industry.

Prerequisites: English teacher recommendation.

Honors Game Design and Development 1 credit 6101 9999999

This course introduces students to the design and creation of 2D and 3D games and assets. Students work individually and in teams using the Unity and Blender software as well as the C# programming language to create their own playable games. They explore the impact of gaming and programming in society and build computational-thinking skills by applying computer science and game design principles to modeling, simulation, data analysis and AI creation. In addition, students transfer the understanding of programming gained and apply their knowledge to create algorithms for games of chance and strategy.

Prerequisite: Completion of a Computer Science or Engineering Course and recommendation from the Engineering or Computer Science teacher.

Honors Emerging Technologies 1 1 credit 6170 9999999

This course introduces students to a variety of new and emerging technologies used in today's online environment. It covers various social networking platforms, content and learning management tools, web conferencing, immersive environments, and other trends in social computing. We will also examine the technical features and characteristics of information and communication technologies and assess the evidence for significant social impact.

Prerequisite: IT staff approval required.

ENGINEERING

Introduction to Engineering Design 1 credit 6120 8600550

This course introduces student to the engineering profession and a common approach to the solution of engineering problems, an engineering design process. Through both individual and collaborative team activities, projects, and problems, students will solve problems as they practice common engineering design and

development protocols such as project management and peer review. Students will develop skill in technical representation and documentation of design solutions according to accepted technical standards, and they will use current 3D design and modeling software to represent and communicate solutions. In addition, the development of computational methods that are commonly used in engineering problem solving, including statistical analysis and mathematical modeling, are emphasized. Ethical issues related to professional practice and product development are also presented.

Prerequisite: Minimum 3.0 GPA in Honors level or 3.5 GPA in Accelerated level English and Math courses.

Engineering Design	.5 credit	6060	8725300
---------------------------	------------------	-------------	----------------

The purpose of this course is to provide the necessary fundamental concepts and skills needed for drafting, design, and technical illustrations, primarily in mechanical engineering. Students will learn to be proficient drafters and will simultaneously become CAD competent. The topics include drafting as a career; starting drawings with AutoCAD; using coordinates; basic drawing, editing, and plotting; text and dimensioning; views and techniques of drawing; and gears.

Co-requisite: Math GPA of "B" or better.

Architectural Design	.5 credit	6070	0113310
-----------------------------	------------------	-------------	----------------

Students will use computer-aided drafting as it applies in the fields of architecture and design using office simulation. Emphasis is on the production of computer-aided drafting of working drawings involving different types of architectural structures.

Prerequisite: Engineering Design with a grade of C or better.

Honors Principles of Engineering	1 credit	6130	8600520
---	-----------------	-------------	----------------

This course helps students understand the field of engineering/engineering technology and prepares them for postsecondary engineering programs by developing a more in-depth mastery of the required knowledge and skills in mathematics, science, and technology. Through problem-based learning strategies, students study key engineering topics, including mechanisms, energy sources, energy applications, machine control, fluid power, statics, material properties, material testing, statistics, and kinematics. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change.

Prerequisite: Completion of Introduction to Engineering Design or a science class with a B+ or higher and teacher recommendation.

Honors Robotics	1 credit	6190	9410110
------------------------	-----------------	-------------	----------------

This course provides students with content and skills essential to the design and operation of robotics, including artificial intelligence, sensors, electronic devices, engineering technologies, motion physics, electrical motors, programming, simulation and modeling, and critical thinking skills.

Prerequisite: Teacher recommendation.

Honors Applied Engineering	1 credit	6191	8401120
-----------------------------------	-----------------	-------------	----------------

This course provides students with opportunities to further their mastery of engineering-related math and science principles to design solutions to real world problems. The course also includes a more in-depth look into the relationship between technology and design.

Prerequisite: Teacher recommendation.

ENGLISH

Intensive Reading

1 credit

0130

1008330

This course enables students to develop intensive reading skills for the postsecondary level, which involves reading in detail with specific learning aims and tasks. The content includes, but is not limited to, the following: reading as a complex process, cueing systems, content area vocabulary, reading for meaning through varied texts, reading strategies, reading fluency, integrated reading and writing processes, complex response to varied texts, critical-thinking and study skills, varied reading materials. This course is designated by the Florida Department of Education as Level 2 (regular, mainstreamed).

Honors English 9

1 credit

0100

1020840

This course provides an integrated educational experience in all strands of the language and literature. Contents include: using the reading process to construct meaning from technical, informative and imaginative texts; using the writing process for various purposes with attention to style and format; using the research process and individual inquiry to locate, analyze, and evaluate information; using effective listening, speaking, and viewing strategies in formal and informal situations; understanding the power of language as it impacts readers, writers, listeners, and speakers; understanding and analyzing literary texts; responding critically and aesthetically to literature. Individual study, research and project preparation in a collegiate fashion are required.

English 9

1 credit

**Accelerated
College Prep**

0110

1001320

0120

1001310

This course is intended to develop the literary and verbal skills of college bound students. It includes: using strategies to construct meaning from informative, technical, and literary texts; acquiring an extensive vocabulary through reading, discussion, listening, and systematic word study; using process writing strategies, student inquiry, and self-monitoring techniques; using speaking, listening, and viewing strategies in formal presentations and informal discussions; understanding and responding to a variety of literary forms; understanding and using language successfully to impact readers, writers, listeners, speakers, and viewers. Emphasis will be placed on the works of major authors whose themes deal with modern culture and society.

Honors English 10

1 credit

0200

1020850

This course provides a continued integrated educational experience in all strands of the language and literature. Emphasis will be on works of Western and Eastern literature that are representative of cultures and world literature movements from ancient times to the present. Selections include fiction, nonfiction, and poetry chosen based on relationships to cultural, social, and literary ideas and concerns of contemporary students. Intense class and individual study, research and project preparation in collegiate fashion are required.

Prerequisite: Teacher recommendation.

English 10

1 credit

**Accelerated
College Prep**

0210

1005300

0220

1001340

The purpose of this course is to enable students to develop knowledge of world literature through integrated educational experiences in the language arts strands. Emphasis will be on representative literature of various cultures and world literary movements from ancient times to the present, including fiction, nonfiction, poetry, and drama chosen based on relationships to contemporary cultural, social, and literary ideas and concerns. Content includes reading for meaning through varied texts; using process writing strategies for varied purposes; effective listening, speaking, and viewing strategies; critical and aesthetic response; the research process.

Advanced Placement English Language and Composition

1 credit

0300

1001420

This course is designed to help students become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and to become skilled writers. By their writing and reading in this course, students should become aware of the interactions among a writer's purposes, audience expectation and subjects, as well as the way generic conventions and the resources of language contribute to effective writing. This college level course allows

students to write in a variety of forms-narrative, expository, argumentative- and on a variety of subjects from personal experiences to public policies.

Prerequisite: A in either Honors English 10 or the AP Seminar and teacher recommendation.

Honors English 11 **1 credit** **Dual Enrollment** **0310** **1020810**

This course provides a continued integrated educational experience in all strands of the language and literature. Emphasis will be on literary works from the American Colonial Period to the present, identifying predominant literary genres, forms, themes, and subjects associated with each literary period; literature representative of many cultures may be used to support integrated studies and multicultural emphases. Intense class and individual study, research and project preparation in collegiate fashion are required.

Prerequisite: Teacher recommendation.

English 11 **1 credit** **Accelerated** **0320** **1005310**
College Prep **0330** **1001370**

The purpose of this course is to enable students to develop knowledge of American literature through integrated educational experiences in the language arts strands. Emphasis will be on representative American literature, with its varied cultural influences, from the American Colonial Period to the present, highlighting the major genres, themes, subjects, and historical influences associated with each literary period. Content includes reading for meaning through varied texts; analysis of literature from varied literary periods and the influence of history, culture, and setting on language; writing strategies for varied purposes; effective listening, speaking, and viewing strategies; critical and aesthetic response; the research process.

Advanced Placement English Literature and Composition **1 credit** **0400** **1001430**

The purpose of this course is to study and practice writing and to study literature. Students will learn to use the modes of discourse and recognize the assumptions underlying various rhetorical strategies. Students will also acquire an understanding of the resources of the language and of the writer's craft. They will develop critical standards for the appreciation of any literary work and increase their sensitivity to literature as shared experience. The broad reading selections in the course are taken from novels, short stories, plays, poems, and essays which demonstrates a mastery of our language, particularly in British literature.

Prerequisite: Teacher recommendation and a PSAT verbal score of 50 or higher for dual enrollment.

Honors English 12 **1 credit** **0410** **1020820**

This course provides a continued integrated educational experience in all strands of the language and literature. The emphasis will be literary works of Great Britain from Old, Middle and Modern English; literature representative of many cultures may be used to support integrated studies and multicultural emphases. The course also recognizes the fundamental changes in language development from the Anglo-Saxon Period to the Modern Period. Intense class and individual study, research and project preparation in collegiate fashion are required.

Prerequisite: Teacher recommendation

English 12 **1 credit** **Accelerated** **0420** **1005320**
College Prep **0430** **1001400**

The purpose of this course is to enable students to develop knowledge of British literature through integrated educational experiences in the language arts strands. Emphasis will be on representative works of Great Britain from the Anglo-Saxon Period to the present, highlighting the major genres, themes, subjects, and historical influences associated with each literary period. Content includes reading for meaning through varied texts; analysis of literature from varied literary periods and the influence of history, culture, and setting on language; writing strategies for varied purposes; effective listening, speaking, and viewing strategies; critical and aesthetic response; the research process. Effective literary analysis and critical inquiry skills will be applied through oral and written assignments including, but not limited to, research papers, persuasive essays and speeches, the college essay and creative writing samples.

Honors Comparative Studies **.5 credit** **0610** **0901300**

The purpose of this course is to enable students to identify characteristics of and connections among the arts, understand the influences of culture and society on the arts, and develop skills and techniques to produce interdisciplinary works of art. Content includes characteristics of and connections among the arts, particularly within the modern and postmodern era, skills and techniques in the arts, historical, cultural, and social influences, critical analysis. Students will make critical comparisons and commentary through several essays and group workshops.

Prerequisite: B or better average in English 10 or 11 at the Honors level.

Honors Imaginative Literature
Imaginative Literature

.5 credit

0480

0470

1005330

This course is only open to seniors and will focus on the 20th century formation of a mythology for Great Britain, primarily through T.H. White's *the Once and Future King* and J.R.R. Tolkien's *The Lord of the Rings*. The course will include: the connections of English mythology to classical mythology; an in-depth study of the work of Tolkien which included the creation of complete histories and the invention of languages; discussions of the readings; and imaginative creative writing assignments. The honors level course includes an independent research project.

Prerequisite: B+ cumulative GPA.

Mythology and Folklore

.5 credit

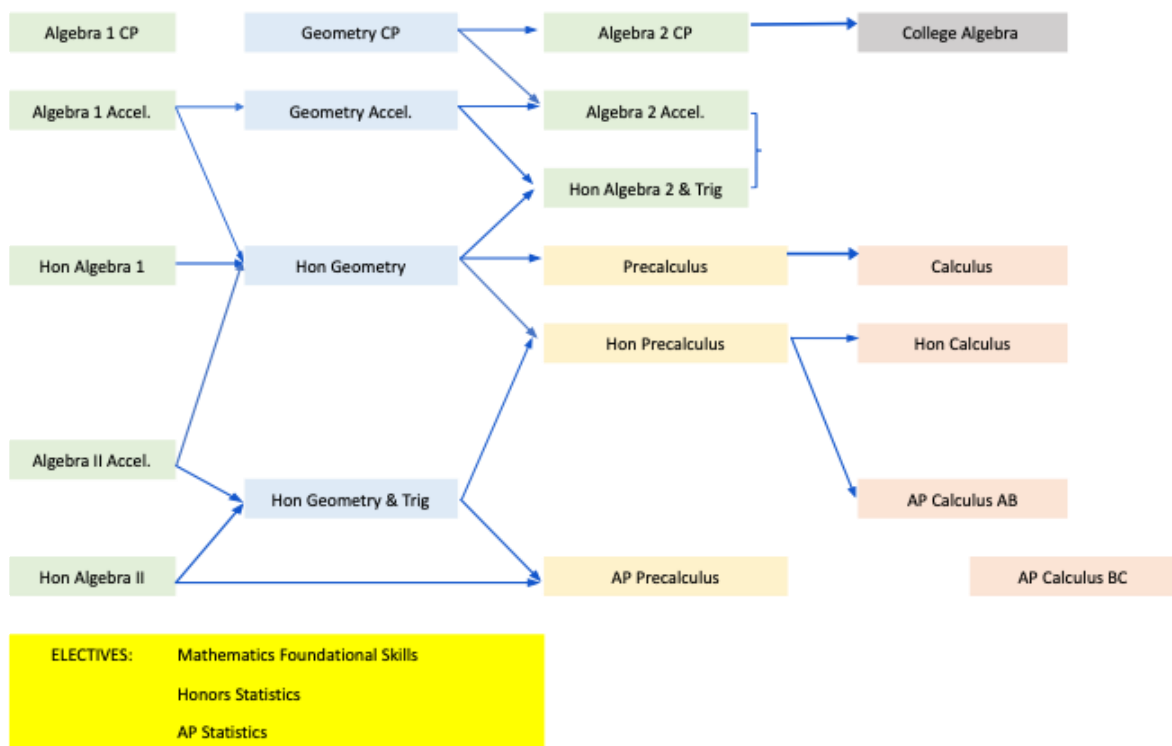
0490

9999999

This elective course allows students to take an in depth look at the incredibly fascinating and strangely enduring world of mythology. Mythology has been society's way of dealing with the unknown and creating superhuman gods and goddesses as the heroes and villains of these tales of phenomenon. Rather than focusing on specific cultural myths, we will analyze the common characteristics of myths across different cultures and literary genres. Students will explore how mythology continues to be a part of popular culture and the American identity. A focus of the course will be the study of archetypes and the hero's journey through excerpts of literary pieces, such as Harry Potter, as well as movies, such as Star Wars.

MATHEMATICS

MATHEMATICS SEQUENCING GUIDE



Algebra II

1 credit Accelerated

1090

1200330

This course is open only to students in freshman year who have earned high school credit for Algebra 1 at the middle school level. The course continues and extends the algebraic concepts and skills developed in Algebra 1 and may include a review of the following topics: language and symbolism of numbers, real numbers, equations, and inequalities in one variable, polynomials, systems of linear equations and inequalities, ratio, proportion, variation, verbal problems, graphing, and word problems applying these topics. Algebra 2 topics covered include: an extensive study of linear equations, systems of linear equations in two variables, polynomials and factoring, fractional algebraic expressions and equations, rational exponents and radicals, quadratic equations, graphs and functions, exponential functions, and graphing polynomial and matrix operations.

Prerequisite: Credit in Algebra 1.

Honors Algebra II

1 credit

1080

1200340

This course is open only to students in freshman year who have earned high school credit for Algebra 1 at the middle school level or whose results on the Columbus placement exam is indicative of the student's ability to discover most of the subject matter for himself and to look constantly for unifying concepts that apply in Algebra and all mathematics. The course may include the review of the following Algebra 1 topics: language and symbolism of numbers, real numbers, equations, and inequalities in one variable, polynomials, systems of linear equations and inequalities, ratio, proportion, variation, verbal problems, graphing, and word problems applying these topics. The Algebra 2 content includes synthetic division, basic trigonometry, conic sections, logarithms, imaginary and

complex numbers, and matrices. The level of rigor and speed in the presentation of the material is what differentiates the Accelerated CP from the Honors level.

Prerequisite: Credit in Algebra 1.

Honors Algebra 1 **1 credit** **1110** **1200320**

This course builds on the student's mathematical background and further develops the student's analytic skills. Topics include language and symbolism of numbers, operations with real numbers, ratios, functions, linear and quadratic equations with one and two variables, graphing systems of linear and quadratic equations, operations with polynomials, factoring polynomials, work with radical expressions, develop a variety of problem-solving strategies and solve word problems involving rational equations.

Algebra 1 **1 credit** **Accelerated** **1120** **1200310**
College Prep **1130**

This course seeks to develop proficiency with mathematical skills and to expand the understanding of mathematical concepts. Topics include: a study of operations on real numbers, evaluating and simplifying expressions, relations, and linear functions, solving linear equations and inequalities, graphing in the coordinate plane, linear systems of equations, exponents, radicals, polynomials, factoring, rational expressions, and the application of algebra to problem solving.

Honors Geometry & Trigonometry **1 credit** **1200** **1206320**
1211300

This is a rigorous and fast-paced course requiring sharp reasoning skills and commitment to spend considerable time in home study and written assignments. First semester topics provide an in-depth study of Euclidean concepts, with emphasis on plane and coordinate geometry, solid geometry, and two-column proofs. The second semester is mostly devoted to trigonometry and will cover the following topics: basic right triangle trigonometry, graphing trig functions, working with trig formulas, solving trig equations and the application of trig concepts.

Prerequisite: B+ or higher in Honors Algebra 1 & 2 or Honors Algebra II and teacher's recommendation.

Geometry **1 credit** **Accelerated** **1210** **1206310**
College Prep **1220**

This course introduces vocabulary, concepts, theorems, and postulates of Euclidean geometry. Students will develop problem-solving, thinking and reasoning skills through a variety of topics, which include the study of angle relationships, points, parallel lines, quadrilaterals, initial postulates and theorems, special right triangles, congruent triangles, similar polygons, areas, circles, construction, the concepts of area and volume, loci coordinate geometry and the study of logic through deductive proofs.

Prerequisite: Credit in Algebra 1

Honors Geometry **1 credit** **1230** **1206320**

This course is a comprehensive and rigorous study of all theorems and concepts of Euclidean geometry. Students will continue to cultivate their problem-solving skills while covering topics that include an in-depth study of plane and coordinate geometry, some solid geometry, and an introduction to trigonometry. Two-column proofs will be covered in depth.

Prerequisite: B+ or higher in Honors Algebra 1 or Algebra II Accelerated and teacher's recommendation. B or higher in Honors Algebra 1 & 2 or Honors Algebra II and teacher's recommendation.

Advanced Placement Precalculus **1 credit** **1370**

This is a rigorous college course covering three specific topics and their applications, separated into three units: Polynomial and Rational Functions, Exponential and Logarithmic Functions, and Trigonometric and Polar Functions. After completing the work for the A.P. Test, a fourth unit will be covered which includes functions involving parameters, vectors, and matrices, as well as an introduction to limits and derivatives. A.P. Precalculus students must purchase a graphing calculator necessary for both completion of the course and for use on the A.P. test.

Prerequisites: An A in Honors Algebra II, and a B+ or higher in Honors Geometry and Trigonometry, along with a recommendation from their teacher.

Precalculus **1 credit Accelerated** **1360 1202340**

This course will cover the following topics: polynomial and rational functions, exponential and logarithmic functions, and topics in trigonometry. This course will prepare students for Accelerated Calculus.

Prerequisites: Completion of Acc. Algebra I, Acc. Algebra II, and Acc. Geometry

Honors Precalculus **1 credit Dual Enrollment** **1430 1202340**

This course covers the topics covered in A.P. Precalculus, except the introduction of limits and derivatives.

Students who take this course will have an opportunity to earn dual enrollment credits if they meet the necessary requirements.

Prerequisites: A B or higher in both Honors Algebra II and Honors Geometry and Trig, or an A in both Algebra II and Honors Geometry.

Honors Algebra 2 & Trigonometry **1 credit** **1310 1200340 1211300**

This course continues and extends the algebraic concepts and skills developed in Algebra I. Topics covered include an extensive study of linear equations, systems of linear equations in two variables, polynomials and factoring, fractional algebraic expressions and equations, rational exponents and radicals, quadratic equations, graphs and functions, exponential functions, and graphing polynomial and matrix operations. The second semester is devoted to trigonometry and will cover the following topics: basic right triangle trigonometry graphing trig functions, working with trig formulas, solving trig equations and application of trig concepts.

Prerequisite: This course is offered to students who have completed two years of college prep mathematics with a minimum A average, or two years of honors mathematics with a minimum B+ average.

Algebra 2 **1 credit Accelerated College Prep** **1320 1330 1200340**

This course continues and extends the algebraic concepts and skills developed in Algebra I. Topics covered include an extensive study of linear equations, systems of linear equations in two variables, polynomials and factoring, fractional algebraic expressions and equations, rational exponents and radicals, quadratic equations, graphs and functions, exponential functions, and graphing polynomial and matrix operations.

Prerequisite: Credit in Algebra 1 and Geometry.

College Algebra **1 credit** **1470 1200700**

This course covers algebraic topics including the number system, nth degree of polynomial equations, inequalities, sequences and series, rational functions, determinants, and complex numbers. In addition, this course will reinforce the rules of algebra; writing, solving, and graphing linear equations and inequalities; solving systems of linear equations; exponents; quadratic equations; factoring polynomials; and using proportions and ratios. Geometric concepts will be integrated during the year through problem solving.

Prerequisite: Algebra 2.

Calculus **1 credit** **1380 1202300**

This course will further develop the student's critical thinking, reasoning, and problem-solving skills through various topics and applications of differential and integral calculus. These include Limits, Slopes, Tangent Lines, Derivatives, Integrals, and Transcendental Functions.

Prerequisite: Precalculus Accelerated

Advanced Placement Calculus AB	1 credit	1400	1202310
---------------------------------------	-----------------	-------------	----------------

This is a rigorous college course in the theory, applications and problem solving of differential and integral calculus, and plane analytic geometry restricted to functions of one variable. Advanced Placement Calculus students must purchase a "Graphing Scientific" calculator. It is needed for the AP calculus exam.

Prerequisites: A B or higher average in AP Precalculus, or an A or higher in Honors Precalculus.

Honors Calculus	1 credit	1420	1202300
------------------------	-----------------	-------------	----------------

This course will further develop the students' thinking, reasoning and problem-solving skills through various topics and applications of differential and integral calculus. These include limits, slopes, tangent lines, derivatives and integrals and transcendental functions.

Prerequisite: Honors Pre-Calculus, 3.0 GPA and teacher recommendation for students in Honors Algebra 2 and Trigonometry.

Honors Statistics	1 credit	1440	1210300
--------------------------	-----------------	-------------	----------------

This course introduces statistics. Topics covered include organizing and producing data, probability, and inference. Students will learn to use a variety of data and data gathering methods, transform the data with the goal of extracting useful information and facilitating conclusions, construct graphs and charts to organize and display data meaningfully, use vocabulary appropriate to statistics and data analysis, solve problems involving statistics and data analysis.

Prerequisite: a B or higher average in math for the three previous years (see math flow chart).

Advanced Placement Calculus BC	1 credit	1480	1202320
---------------------------------------	-----------------	-------------	----------------

In addition to expanding the topics covered in AP Calculus (AB), this rigorous course also covers more advanced integration techniques, sequences and series, polar and parametric graphs and applications using vectors.

Advanced Placement Calculus students must purchase a "Graphing Scientific" calculator. It is needed for the AP calculus exam.

Prerequisites: completion of AP Calculus AB, or an A in Honors Precalculus with a teacher recommendation.

Advanced Placement Statistics	1 credit	1500	1210300
--------------------------------------	-----------------	-------------	----------------

This course is equivalent to a one semester, introductory, non-calculus-based, college course in statistics. It provides effective preparation for students considering careers in science, engineering, and mathematics. This rigorous course introduces students possessing the required mathematical maturity and quantitative reasoning ability to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Topics include exploring data, describing patterns and departures from patterns, sampling, and experimentation, anticipating patterns by exploring random phenomena using probability and simulation, statistical inference.

Prerequisites: 3.5 weighted cum. GPA or 3.0 unweighted cum. GPA, and a B or higher average in Honors Math (including Trigonometry) for the three previous years (see math flow chart).

Mathematics Foundational Skills	.5 credit	1510	1200400
--	------------------	-------------	----------------

This course supports students who need additional instruction in foundational mathematics skills as it relates to core instruction. Instruction will use explicit, systematic, and sequential approaches to mathematics instruction addressing all strands including number sense & operations, algebraic reasoning, functions, geometric reasoning, and data analysis & probability. Teachers will use the listed benchmarks that correspond to each students' needs. Effective instruction matches instruction to the needs of the students in the group and provides multiple opportunities to practice the skill and receive feedback. The additional time allotted for this course is in addition to core instruction. The intervention includes materials and strategies designed to supplement core instruction.

Note: This course earns elective credit only and does not satisfy the mathematics credits required toward high school graduation.

PHYSICAL EDUCATION

Honors Foundations of Fitness .5 credit Dual Enrollment 7770 1501310

The purpose of this class is to provide a basic understanding of various aspects of health and wellness. It will explain how the body is designed for and reacts to exercise with respect to anatomy and physiology. Topics to be discussed include but are not limited to cardiorespiratory fitness, muscular fitness, flexibility, nutrition, weight management and the aging process. Students will also be introduced to basic exercise techniques. This course satisfies the Personal Fitness requirement for graduation.

Prerequisites: 3.5 unweighted GPA.

Personal Fitness .5 credit 7400 1501300

This course, required of all sophomores, provides the student with an opportunity to acquire knowledge of physical fitness concepts, to understand the influence of lifestyle on health and fitness and begin to develop an optimal level of fitness. Topics to be covered include but are not limited to the following: safety practices, assessment of health-related fitness, components of physical fitness, nutrition, consumer issues, fitness program design and health related issues associated with inadequate physical activity.

Team Sports 1 .5 credit 7410 1503350

This course enables students to acquire knowledge of team sports play, develop skills in specified team sports, football, basketball, and conditioning, and to maintain or improve health-related fitness. Topics to be covered include but are not limited to safety practices, rules and terminology, history, biomechanical and physiological principles, techniques and strategies, sportsmanship, and fitness assessment.

Team Sports 2 .5 credit 7480 1503360

This course is a continuation of Team Sports 1 and includes sports not covered in Team Sports 1. Students will acquire basic knowledge and skills in soccer, baseball and conditioning and continue to maintain or improve health-related fitness.

Beginning Weight Training .5 credit 7450 1501340

This course will specialize in weightlifting concepts and strategies daily. Students will be instructed in the proper form and technique on a variety of exercises. Students will be taught how to properly construct their own strength program while stressing that the exercises and techniques learned apply not only to class but to a lifelong commitment to fitness. Students will also be introduced to nutritional strategies for optimal weight gain/loss depending on personal goals.

Care and Prevention of Athletic Injuries .5 credit 7460 1502490

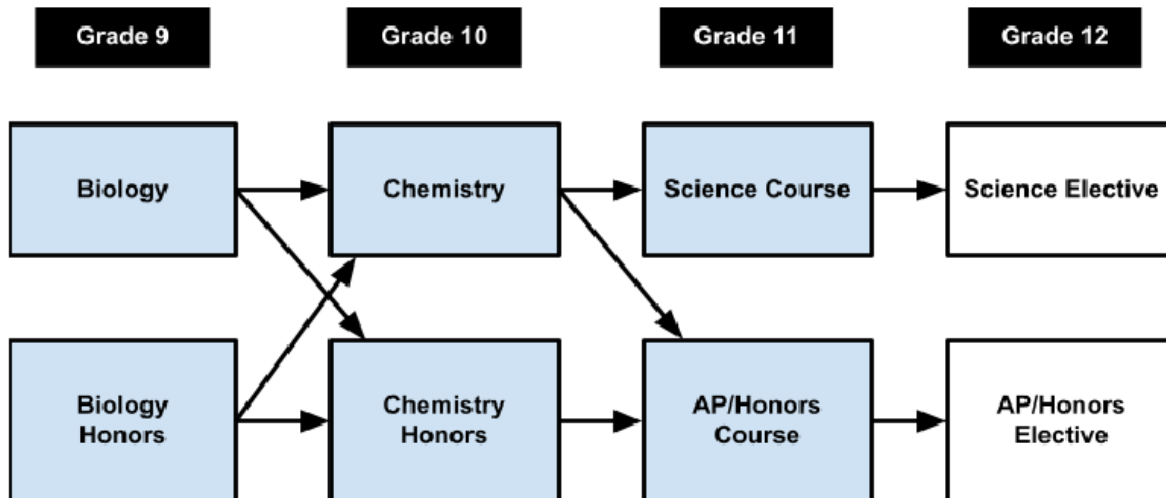
The purpose of this course is to enable students to develop knowledge of anatomy and physiology as related to athletic injuries and to develop the skills related to the nature, prevention, care, and rehabilitation of athletic injuries. The scope of this course will include, but not limited to the following: injury prevention, anatomy and physiology related to athletic injuries, conditioning methods, identification, management, and rehabilitation, athletic training, and career opportunities. Laboratory participation will also be an integral part of this course.

Prerequisites: minimum C+ average in Biology or Anatomy/Physiology.

SCIENCE

Science Curriculum Flow Chart

3 years of a CORE science course are REQUIRED for graduation



Advanced Placement Science Courses	Honors Science Courses	Science Courses
AP Biology AP Chemistry AP Environmental Science AP Physics 1 AP Physics C	Honors Environmental Science Honors Physics Honors Principles of Biomedical Science * Honors Human Anatomy & Physiology * Honors Human Body Systems Honors Medical Intervention EMT Honors Forensic Chemistry 0.5 credit Honors Lab Assistant 0.5 credit Honors Organic Chemistry 0.5 credit * 10th graders may take concurrently with core course	Environmental Science Physics Human Anatomy & Physiology * Marine Science Astronomy 0.5 credit * 10th graders may take concurrently with core course

 Core Science Courses

To move diagonally on the flow chart and enroll in an advanced level class, a student must earn a "B+" or better in his most recent science course, complete the pre-requisites and secure a teacher recommendation.

Honors Biology	1 credit	2100	2000320
-----------------------	-----------------	-------------	----------------

This course gives the student an understanding of and appreciation for living things. This is accomplished by developing in the student: attitudes of curiosity about the environment and an appreciation for scientific contributions to their daily living; the intellectual process inquiry needed for solution of scientific problems; knowledge of facts, terminology, concepts, generalizations, and principles which help the student confront and interpret the environment. The scope of material is as follows: the nature of life from a standpoint of its chemical basis, cellular biology, heredity and genetics, population dynamics, microbiology, botany, the nature of single and multicellular organisms, invertebrates, vertebrates, organ functions in man and ecology. A laboratory accompanies each major subject area. The student who selects this course should be seriously interested in the subject of biology as preparation for a possible career in science or medicine. Lab fee required.

Prerequisites: Composite 75th percentile standardized test scores.

Biology	1 credit	Accelerated College Prep	2110 2130/2240	2000310 2000430
----------------	-----------------	-------------------------------------	---------------------------	----------------------------

This course gives the student an understanding of and appreciation for living things. This is accomplished by developing in the student: attitudes of curiosity about the environment and an appreciation for scientific contributions to their daily living; the intellectual process inquiry needed for solution of scientific problems; knowledge of facts, terminology, concepts, generalizations, and principles which help the student confront and interpret the environment. The scope of material is as follows: the nature of life from a standpoint of its chemical basis, cellular biology, heredity and genetics, population dynamics, microbiology, botany, the nature of single and multicellular organisms, invertebrates, vertebrates, organ functions in man and ecology. Laboratory investigations, which include the use of scientific research, measurement, laboratory technologies, and safety procedures, are an integral part of this course.

Honors Chemistry	1 credit	2200	2003350
-------------------------	-----------------	-------------	----------------

This course is designed for the student who wishes to expand their knowledge in chemistry in greater detail preparing them for a career in science. The course is designed to familiarize the students with the relationship between structure and the properties of matter and increase their appreciation for structure and behavior of the world around them. Students will discover and work with quantitative relationships that are fundamental to chemical reactions and the structure of matter. This course also includes the use of mathematical processes, graphical representation, and data analysis. The course is taught with hands-on approach with numerous labs. The students in this course will do a Science Fair Project and a special project in grading period. Lab fee required.

Prerequisite: Minimum 3.0 GPA in Algebra 1 & 2 or Honors Algebra and in Honors Biology; minimum 4.0 GPA in Accelerated Algebra and Accelerated Biology.

Chemistry	1 credit	Accelerated College Prep	2210 2340	2003340
------------------	-----------------	-------------------------------------	----------------------	----------------

This is a full year comprehensive and laboratory course that exposes a student to a program of study that is not only qualitative, but also quantitative. Basic skills in mathematics are essential. Chemistry studies the structure and composition of substances, the changes in composition and the various mechanisms by which these changes occur. Subject material includes: the role of chemistry in the modern world; scientific measurements; the structure of the atom; the organization of substances; chemical composition; periodicity; chemical bonding; the quantitative relationships of chemical reactions; solutions; kinetic theory of solids, liquids, and gasses; acid-base theories; and an introduction to organic chemistry.

Prerequisites: For Accelerated Chemistry students must have a minimum 3.0 in Accelerated Algebra and Accelerated Biology.

Advanced Placement Environmental Science	1 credit	2520	2001380
---	-----------------	-------------	----------------

This course will serve as a broad introduction to the impact of social economic processes on the global environment, including historical and comparative dimensions. The first quarter is devoted to basic ecological concepts, such as ecosystems, communities, energy flow, and natural cycles. With this background, the course continues with a study of

specific biomes such as forests, grasslands, lakes, and oceans. The second quarter examines the problems associated with population growth and limited resources are examined. During the third and fourth quarters, the students will focus on the sources of various types of environmental pollution and the efforts being taken to reduce pollution. The students will work together through computer activities, labs, and research projects to study the different environmental impacts. Lab activities will be conducted to provide practical applications of the material presented in class.

Prerequisite: Minimum 3.0 in any AP science class or minimum 3.5 GPA in any Honors science class and minimum 3.0 GPA in Honors Algebra 1 or Honors Algebra 2 or higher math, and teacher recommendation.

Advanced Placement Biology	1 credit	2400	2000340
-----------------------------------	-----------------	-------------	----------------

Advanced Placement (AP) Biology is an Introductory College Level Course. This course provides the student with an identical or similar course to college students who are taking their first college level Biology class. The course offers experiences in the biological sciences with emphasis on evolution, cellular structure and function, genetics, metabolism, molecular basis of inheritance, technology, classification, plants, animals, comparative physiology, and ecology. Students will be expected to spend additional time after school to complete exams and laboratory activities.

Prerequisite: Minimum 3.0 in any AP science class or minimum 3.5 GPA in any Honors science class and minimum 3.0 GPA in Honors Algebra 1 or Honors Algebra 2 or higher math, and teacher recommendation.

Honors Physics	1 credit	2300	2003390
-----------------------	-----------------	-------------	----------------

This course is a study of the nature and behavior of the universe. Topics of study include motion, dynamics, work and energy, momentum, collisions, rotation dynamics, oscillation, gravitation, fluids, waves in elastic mediums, sound, temperature, heat, entropy, electricity, magnetism, light, quantum mechanics, optics, and radiation from the nucleus of atoms. This course serves those students who feel a need to round out their education and who wish to gain background for further study among the lines of science or wish to gain confidence in science. There is a significant math component to problem-solving. Labs will be assigned to enhance students' skills and hands-on experience. A high degree of self-discipline and maturity also serves as a prerequisite for successful completion of the program.

Prerequisite: Minimum 3.33 GPA in both Honors Chemistry and Honors Geometry and/or teacher recommendation. The student must be taking an honors math class concurrently.

Honors Biology 2	1 credit	2410	2000330
-------------------------	-----------------	-------------	----------------

This course is designed to provide opportunities for students to expand their biological concepts introduced in first-year biology. This course stresses the central concepts of biology through a study of basic ideas and their application and offers experiences in the biological sciences with emphasis on evolution, cellular structure and function, genetics, metabolism, molecular basis of inheritance, technology, classification, plants, animals, comparative physiology, and ecology. Integral to this course are laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures. The laboratory investigations will help students develop a growing understanding of the complexity and ambiguity of empirical work, as well as the skills to calibrate and troubleshoot equipment used to make observations. Learners will also understand measurement error and have the skills to aggregate, interpret, and present the resulting data.

Prerequisite: Minimum 3.0 weighted GPA in Honors Biology or minimum 3.5 GPA in Biology and Chemistry, and teacher recommendation.

Physics	1 credit	Accelerated College Prep	2310 2370
			2003380

This course is a study of the nature and behavior of the universe. Topics of study include motion, dynamics, work and energy, momentum, collisions, rotation dynamics, oscillation, gravitation, fluids, waves in elastic mediums, sound, temperature, heat, entropy, electricity, magnetism, light, quantum mechanics, optics, and radiation from the nucleus of atoms. This course serves those students who feel a need to round out their education and who wish to gain background for further study among the lines of science or wish to gain confidence in science. Labs will be

assigned to enhance students' skills and hands-on experience. A high degree of self-discipline and maturity also serves as a prerequisite for successful completion of the program.

Prerequisite: Accelerated Physics student must have a minimum 3.5 in both Accelerated Chemistry and Accelerated Geometry and/or teacher recommendation. The student must be taking an Accelerated or Honors math class concurrently.

Advanced Placement Chemistry	1 credit	2450	2003370
-------------------------------------	-----------------	-------------	----------------

This is a rigorous math-based laboratory course equivalent to one year of college level General Chemistry. Students should attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. In addition, it will contribute to the development of the students' ability to think clearly and to express their ideas, orally and writing, with clarity and logic. Topics covered will emphasize chemical calculations and mathematical formulation of principles. Students may have to stay after school to complete lab work.

Prerequisite: Minimum 3.0 GPA in any AP science class or minimum 4.0 GPA in Honors Chemistry or minimum 4.0 GPA in Honors Physics and an Honors level math.

Honors Human Anatomy & Physiology	1 credit	2540	2000360
--	-----------------	-------------	----------------

While the content focus of this course is consistent with the Anatomy and Physiology course (2560 and 2580), students at the honors level will explore these concepts in greater depth and can expect the academic pace and rigor to be greatly increased. Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

Prerequisite: open to upperclassmen with a minimum 3.0 GPA in Honors Chemistry, and to sophomores with a minimum 3.0 GPA in Honors Biology.

Human Anatomy & Physiology	1 credit	2560	2000360
---------------------------------------	-----------------	-------------	----------------

This course presents essential information for understanding the structure and the functions of the human body. The major topics are organization of the body, body systems, the senses, body maintenance, and major disorders of body systems. Laboratory experiments accompany the material being covered in class.

Prerequisite: open to upperclassmen with a minimum 3.0 GPA in Accelerated or Honors Chemistry, and to sophomores with a minimum 3.0 GPA in Honors Biology or 3.5 GPA in Accelerated Biology.

Honors Physics 2	1 credit	2480	2003410
-------------------------	-----------------	-------------	----------------

This course is designed for students who are interested in continuing the study of Physics after having taken a Physics or Honors Physics first year course. This course will include the following topics: waves, sound, light and optics, thermodynamics, modern Physics, and nuclear Physics.

Prerequisites: Physics 1 or Honors Physics 1.

Honors Chemistry 2	1 credit	2460	2003360
---------------------------	-----------------	-------------	----------------

This is a math-based laboratory course expanding their knowledge of General Chemistry. Students should attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. In addition, it will contribute to the development of the students' ability to think clearly and to express their ideas, orally and writing, with clarity and logic. Topics covered will emphasize chemical calculations and mathematical formulation of principles.

Prerequisite: minimum 3.0 GPA in Honors level Algebra 2 and Chemistry.

Astronomy	.5 credit	2350	2001350
------------------	------------------	-------------	----------------

This course gives students a basic understanding of our universe through the study of astronomy. The scope of the course will include, but not limited to the following: the foundations of astronomy (including its historical significance/figures); radiation; the electromagnetic spectrum; atoms and spectroscopy; telescopes; the solar system

and its interplanetary bodies, stars, black holes, and galaxies; evolution of the universe/Big Bang Theory; and exobiology. Some evening and/or weekend class meetings would be required.

Prerequisites: minimum 2.33 GPA in Chemistry, Physics, or Physical Science.

Honors Environmental Science	1 credit	2360	2001340
-------------------------------------	-----------------	-------------	----------------

This course gives the student an understanding of and appreciation for the environment. This is accomplished by developing: attitudes of curiosity about the environment and an appreciation for scientific contributions to their daily living; the intellectual process inquiry needed for the solution of scientific problems; knowledge of facts, terminology, concepts, generalizations, and principles which help the student confront and interpret the environment. This course will focus on local ecosystems including lush wetlands and a wide array of colorful wildlife. This course offers a whole systems approach to understanding the environment and discusses the interactions between human systems and natural systems. It addresses the complicated issues stemming from these interactions among population, resources, economics, and environment, and discusses how we may better manage these challenges in the future.

Prerequisites: minimum 4.0 GPA in any Accelerated level science class or minimum 3.0 GPA in any Honors level science class and a minimum 4.0 in Accelerated Algebra 1 or Algebra 2 or a minimum 3.0 GPA in Honors Algebra 1 or Algebra 2.

Environmental Science	1 credit	Accelerated College Prep	2330 2570	2001340
------------------------------	-----------------	-------------------------------------	----------------------	----------------

This course gives the student an understanding of and appreciation for the environment. This is accomplished by developing: attitudes of curiosity about the environment and an appreciation for scientific contributions to their daily living; the intellectual process inquiry needed for the solution of scientific problems; knowledge of facts, terminology, concepts, generalizations, and principles which help the student confront and interpret the environment. This course will focus on local ecosystems including lush wetlands and a wide array of colorful wildlife. This course offers a whole systems approach to understanding the environment and discusses the interactions between human systems and natural systems. It addresses the complicated issues stemming from these interactions among population, resources, economics, and environment, and discusses how we may better manage these challenges in the future.

Prerequisites for Accelerated Environmental Science: minimum 3.0 GPA in any Accelerated level science class and Algebra 1 or Algebra 2.

Advanced Placement Physics 1	1 credit	2470	2003420
-------------------------------------	-----------------	-------------	----------------

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion, electric charge and electric force, DC circuits, and mechanical waves and sound. AP Physics 1 is a full-year course that is the equivalent of a first-semester introductory college course in algebra-based physics. This course requires that twenty-five percent of instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to demonstrate the foundational physics principles and apply the science practices.

Prerequisite: minimum 3.5 GPA in Honors Chemistry, and Honors Geometry and/or teacher recommendation. The student must be taking Honors College Algebra and Trigonometry, Honors Algebra 2 and Trigonometry, or Honors Pre-calculus class concurrently.

Advanced Placement Physics 2	1 credit	2510	2003430
-------------------------------------	-----------------	-------------	----------------

The Advanced Placement Physics 1 is an algebra-based Physics course equivalent to a first semester college course. This course covers fluid mechanics, thermodynamics, electricity and magnetism, optics, and atomic and nuclear physics. The course provides a strong foundation in physics for students considering career paths in engineering (especially electrical and computer), computer science, life sciences, medicine, and other fields of applied science. Laboratory work will be used as an integral part of this course.

Prerequisite: minimum 3.33 GPA in AP Physics 1 or Honor Physics.

Advanced Placement Physics C**Mechanics, Electricity and Magnetism****1 credit****2530****2003430**

AP Physics C is equivalent to two semesters of calculus-based, introductory physics in college. It is designed for students desiring a degree in engineering or science fields. The first semester of the course covers mechanics, which includes: linear and circular motion, forces, energy, momentum, rotational dynamics, and planetary motion. The second semester of the course covers electricity (including electrostatics and complex circuits), magnetism and electromagnetic induction. Introductory differential and integral calculus are used throughout the course. Students will spend a minimum of 20 percent of instructional time engaged in hands-on laboratory work, asking questions, making observations and predictions, analyzing data, and constructing arguments in a collaborative setting. Each student should complete a lab notebook or portfolio of lab reports.

Prerequisite: AP Physics 1, and teacher approval. Students must also be taking Honors Calculus, AP Calculus AB, or AP Calculus BC concurrently.

Honors Forensic Chemistry**.5 credit****2490****2002480**

This course will serve as an introduction to established chemical analysis techniques used in forensic science and new techniques under development. The purpose of this course is to provide opportunities to develop knowledge of chemistry and physical sciences and enable students to associate this knowledge with real-life applications, to implement the use of scientific knowledge, and laboratory technologies to solve crimes in the field and the lab. The course will also enable students to learn about possible careers in forensics.

Prerequisite: minimum 2.33 GPA in Accelerated or Honors Chemistry.

Honors Organic Chemistry**.5 credit****2500****9999999**

This semester course will introduce students to the fundamental principles and theories of introductory organic chemistry. The students will gain factual knowledge which will include terminology, classification, methods, and trends involved in organic chemistry. Upon completion of the course students will have improved their thinking and problem-solving skills. Students need to understand that a good amount of independent study will be required to be successful. Juniors and seniors interested in any of the health-related fields should give this course careful consideration. Lab fee.

Prerequisites: minimum 3.5 in Honors or Accelerated Chemistry and a minimum 3.5 GPA in an Honors or Accelerated level math, and science teacher recommendation.

Honors Principles of Biomedical Science**1 credit****PLTW****2800****8708110**

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems. Lab fee required.

Prerequisites: minimum 3.5 GPA in Accelerated or 3.0 GPA in Honors level Biology and Chemistry, and science teacher recommendation.

Honors Human Body Systems**1 credit****PLTW****2810****8708120**

In this foundation PLTW course students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases. Lab fee required.

Prerequisite: minimum 3.0 GPA in Honors Principles of Biomedical Science.

Honors Medical Interventions EMT**1 credit****Dual enrollment****2820****EMS 0110/
EMS 941**

The purpose of this course is to provide students with the academic and working knowledge of basic life support patient care to become EMT state certified. Successful completion of classroom lectures, labs, and ambulance/fire rescue ride-along provide the required emergency care training to qualify the student for the EMT certification

examination. The course is also helpful for other healthcare fields and is a prerequisite for paramedic training. The class is offered through Barry University's EMT Academy and has a course and textbook fee of approximately \$1,500.

Honors Experimental Science 1	1 credit	2830	2002340
--------------------------------------	-----------------	-------------	----------------

This course enables students to develop advanced scientific literacy skills in general science content, as well as on specific science content based on the student's interest. Students will pursue the process of literature review, research, APA writing style, the scientific method, statistics, types of investigations, and a variety of laboratory techniques on an IRB approved science research proposal and experimental design developed by the student with direction/advice from his mentor. The quality and rigor of this individual work should lead to publication, competition, and the advancement of scientific knowledge.

Prerequisite: At minimum, completion of Honors Biology and Honors Chemistry with a grade of B or better, and teacher recommendation.

Honors Science Laboratory Assistant	.5 credit	2550	9999999
--	------------------	-------------	----------------

Students will help the teachers of the Science Department set up and clean the materials and equipment used for the experiments that take place in the laboratories. Most of the work is done after school and sometimes before school.

SOCIAL STUDIES

Advanced Placement World History **1 credit** **3100** **2109420**

This course is designed to develop greater understanding of the evolution of global processes and contacts in interaction with different types of human societies. This understanding is advanced through a combination of factual knowledge and analytical skills, with a focus on continuity and change. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparison among major societies. Students will investigate the cultural, geographical, institutional, and technological precedents that set the human stage.

Prerequisite: Mas Scholars Program

Honors World History **1 credit** **3110** **2109320**

The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social, and employment settings. Students will investigate the cultural, geographical, institutional, and technological precedents that set the human stage. Outside reading and research projects are required.

World History **1 credit** **Accelerated** **3120** **2109310** **College Prep** **3130**

The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social, and employment settings. Students will investigate the cultural, geographical, institutional, and technological precedents that set the human stage. Outside reading and research projects are required.

Advanced Placement American History **1 credit** **3300** **2100330**

The course examines the history of the development of the United States by examining connections to the past to prepare students as participating members of a democratic society. Topics such as the American Revolution, causes of the Civil War, age of industrialism, American Imperialism, World War I and World War II and the Cold War will be examined. Investigation of the context and significance of historical facts through reading documents analytically and critically, weighing historical evidence and interpretations, and arriving at conclusions based on informed judgment.

Prerequisite: Teacher recommendation and a GPA greater than 3.5. Outside reading and research projects are required.

Honors Contemporary History **1 credit** **3210** **2109350**

This course enables students to study the development of the contemporary world within the context of history to analyze current events. Following a thematic approach, students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social and employment settings. Content should include, but is not limited to, world events and trends in the 20th and 21st centuries with emphasis on the past two decades, historical antecedents of contemporary political, social, economic, and religious issues, impact of religious thought on contemporary world issues, interaction among science, technology and society, influence of significant historical and contemporary, figures and events on the present, and projection of current trends and movements.

Contemporary History **1 credit** **3350** **2109350**

This course enables students to study the development of the contemporary world within the context of history to analyze current events. Following a thematic approach, students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in

academic, civic, social and employment settings. Content should include, but is not limited to, world events and trends in the 20th and 21st centuries with emphasis on the past two decades, historical antecedents of contemporary political, social, economic, and religious issues, impact of religious thought on contemporary world issues, interaction among science, technology and society, influence of significant historical and contemporary, figures and events on the present, and projection of current trends and movements.

Visions and Their Pursuits: An American Tradition - U.S. History to 1920 **.5 credit** **3360** **2100380**

The primary content emphasis for this course pertains to the chronological study of the United States during the period of European exploration through World War I and the collective vision of historical time periods. Content will include, but is not limited to, the foundation and early development of the United States as organized by the visions of those who participated in the revolutions leading to the establishment and early success of the United States, the political, social, cultural, intellectual, and technological revolutions of the United States, the structure and function of political divisions, the organization of the federal government as outlined in the U.S. Constitution, the impact of economic, social, and political changes on traditional American values, reactions to changes, and growth of sectionalism, the failure of previous visions, and the emergence of an industrial, urban and pluralistic society that demands new visions to carry the nation forward.

Honors Visions and Their Pursuits: An American Tradition - U.S. History to 1920 **.5 credit** **3370** **2100470**

The primary content emphasis for this course pertains to the chronological study of the United States during the period of European exploration through World War I and the collective vision of historical time periods. Content will include, but is not limited to, the foundation and early development of the United States as organized by the visions of those who participated in the revolutions leading to the establishment and early success of the United States, the political, social, cultural, intellectual, and technological revolutions of the United States, the structure and function of political divisions, the organization of the federal government as outlined in the U.S. Constitution, the impact of economic, social, and political changes on traditional American values, reactions to changes, and growth of sectionalism, the failure of previous visions, and the emergence of an industrial, urban and pluralistic society that demands new visions to carry the nation forward. As an honors level course, instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted.

Prerequisite: Teacher recommendation and a GPA of 3.5 or higher.

American History **1 credit** **Accelerated** **3320** **2100310**
College Prep **3330**

The course examines the history of the development of the United States by examining connections to the past to prepare students as participating members of a democratic society. This course traces and interprets the political, economic, and sociological development of the United States. The content emphasis is on the years immediately preceding the Civil War to the present, with focus on inquiry and interpretation. The presentation of American history will also stress that learning of things that happened in the past are only valuable if the student applies his learning to the present; foresight will be as important to him in his values as what has happened.

Honors International Affairs **.5 credit** **3380** **2106440**
International Affairs **3340**

This course will offer a concise and informative view of American Foreign Policy from 1975 with the fall of Southeast Asia to the end of the Cold War and the collapse of the former Soviet Union. The focus of the course will trace the shift of the American economy from self-sufficiency to increasing dependency on others for our basic supplies and how this led to a more aggressive, but more vulnerable American Foreign Policy implementing Geography and links to American History. Honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be

structured to give students a deeper understanding of conceptual themes and organization within and across disciplines.

Advanced Placement U.S. Government .5 credit 3460 2106420

This course examines the foundations of our government, the Constitution, the Bill of Rights, the branches of our government, the policies and departments of the federal government, the political process and the role, rights, and responsibilities of citizens. Through practical investigation of our government functions and the role it plays in our lives, the importance of civic responsibility and participation in the democratic process is emphasized. Students are encouraged to participate in Close-Up.

Prerequisite: GPA of 3.6 or higher. **Co-requisite:** AP Microeconomics.

Honors U.S. Government .5 credit Dual Enrollment 3470 2106320

This course examines the foundations of our government, the Constitution, the Bill of Rights, the branches of our government, the policies and departments of the federal government, the political process and the role, rights, and responsibilities of citizens. Through practical investigation of our government functions and the role it plays in our lives, the importance of civic responsibility and participation in the democratic process is emphasized. Students who have achieved enough mastery of the course will be given the opportunity to take the AP exam in May. Students are encouraged to participate in Close-Up.

Prerequisite: GPA of 3.0 or higher. **Co-requisite:** Honors Economics.

U.S. Government .5 credit Accelerated 3480 2106310
College Prep 3490

This course is designed to examine the nature and function of our government on the federal, state, and local levels, with major emphasis on the federal government. In addition to a study of the executive, legislative and judicial branches of government, attention will also be given to the role of such related institutions as the media, lobbyist, and the military as well as an examination of selected local and national political issues. Emphasis will be placed not only on acquiring political knowledge, but on acquiring political skills as well. As an optional extra-credit activity, students are encouraged to participate in the Close-Up trip to Washington, D.C.

Advanced Placement Comparative Government .5 credit 3500 2106430

This course is a one-semester college level survey course designed to provide coherent global studies of evaluating five world political systems: Great Britain, European Union, the former Soviet Union and Russia, China, Iran, Nigeria, and Mexico. The course examines the vast diversity of political structures and practices, and how these societies fit into the global realm. The major theories to explain political organization and provide students with an understanding of different political systems and resulting public policies are investigated.

Advanced Placement European History 1 credit 3510 2109380

This course builds on the acquired knowledge of history's factual narrative. Understanding of some of the principal themes in modern European history, an awareness of the consequences of European contacts with other areas of the world, and an ability to analyze historical data are emphasized. Political, diplomatic, intellectual, cultural, social, and economic aspects of European history are studied. Extensive reading is required in addition to the preparation of frequent short papers.

Requirement: Sophomore year in Mas Family Program.

Honors Anthropology .5 credit 3520 2120710

The primary content emphasis for this course pertains to the study of the differences and similarities, both biological and cultural, in human populations. Students recognize the characteristics that define their culture and gain an appreciation for the culture of others. Content should include, but is not limited to, human biological and cultural origins, adaptation to the physical environment, the diversity of human behavior, the evolution of social

and cultural institutions, patterns of language development, family and kinship relationships, and the effect of change on cultural institutions.

Anthropology .5 credit 3530 2101300

The primary content emphasis for this course pertains to the study of the differences and similarities, both biological and cultural, in human populations. Students recognize the characteristics that define their culture and gain an appreciation for the culture of others. Content should include, but is not limited to, human biological and cultural origins, adaptation to the physical environment, the diversity of human behavior, the evolution of social and cultural institutions, patterns of language development, family and kinship relationships, and the effect of change on cultural institutions.

Sociology .5 credit 3540 2108300

Through the study of sociology, students acquire an understanding of group interaction and its impact on individuals in order that they may have a greater awareness of the beliefs, values, and behavior patterns of others. In an increasingly interdependent world, students need to recognize how group behavior affects both the individual and society.

Honors Introduction to Psychology 1 credit Dual Enrollment 3600 PSY2012

This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the methods psychologists use in their science and practice. The major areas covered include the history of psychology, brain function and development, the nervous system, sleep and dreams, sensation and perception, learning, intelligence, memory, motivation, stress, theories of development, language and cognition, research methods and statistics, social behavior, emotion, personality, abnormal psychology, treatment of psychological disorders, psychotherapy, and social psychology. As an honors level course, instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted.

Prerequisite: Teacher recommendation and a GPA of 3.5 or higher. **Grade Levels:** 11, 12.

Psychology 1 .5 credit 3601 2107300

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. The content examined in this course includes major theories and orientations of psychology, psychological methodology, memory and cognition, human growth and development, personality, abnormal behavior, psychological therapies, stress/coping, and social psychology.

Sports Psychology .5 credit 3620 9999999

This course focuses on the scientific study of how individuals behave in sport and exercise, and the practical application of that knowledge to performance enhancement strategies. Students in this course will examine the cognitive, social, behavioral, and neurophysiological factors that influence performance in sports and exercise settings. and other motor performance endeavors. human behavior patterns in sports and exercise settings. Topics covered include examining how motivation, emotion, attention, performance attributions, and confidence influence performance; how goal setting, emotion regulation, attention training, attribution training, mental imagery, and practice structures can be incorporated into psychological skills training programs designed to improve performance; and how psychological factors influence teams, leaders, sport injury, and career transition in youth sport, sub-elite sport, and elite sport contexts.

Advanced Placement Psychology	1 credit	3690	2107350
--------------------------------------	-----------------	-------------	----------------

This course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation, and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims, and evidence, and effectively communicate ideas.

Prerequisite: Teacher recommendation and a GPA of 3.5 or higher. **Grade Level:** 12.

Honor Florida History	.5 credit	3590	2100350
Florida History		3560	

This course traces the human history of Florida from pre-Columbian times to its present exponential growth period. Topics to be studied are Florida's role in Europe's struggle for empire, Florida's place as an American territory and state, Florida's social-economic development, and south Florida's growth. Historical research and writing dated assignments and research papers are required. Honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines.

Honors Lessons of the Holocaust and Civil Rights Movement	.5 credit	3580	2109430
--	------------------	-------------	----------------

This course presents the point of view that the Holocaust and the Civil Rights Movement are two of the most significant events in Human Rights history. Students examine the lessons and events to better understand the people, stories, events, and issues of these two watershed periods of history, and how they have contributed to a more democratic society and have given rise to other Human rights movements. Research and museum exhibit creation are required.

Lessons of the Holocaust and Civil Rights Movement	.5 credit	3630	2109430
---	------------------	-------------	----------------

This course presents the point of view that the Holocaust and the Civil Rights Movement are two of the most significant events in Human Rights history. Students examine the lessons and events to better understand the people, stories, events, and issues of these two watershed periods of history, and how they have contributed to a more democratic society and have given rise to other Human rights movements.

Civics	1 credit	3900	2106330
---------------	-----------------	-------------	----------------

This course enables students to perform effectively as informed citizens of their community, the state of Florida and the United States by acquiring knowledge and skills necessary for active participation in a dynamic, pluralistic, and democratic society. The content includes the following: American constitutional government, the free-enterprise system, the structure, and functions of local, state, and national government within constitutional and economic frameworks, selected content from law-focused topics, consumer and career education, and political and economic decision-making issues; rights and responsibilities of citizenship, the importance of political participation, and the role of women and diverse cultural groups.

Political Science	.5 credit	3910	2106340
--------------------------	------------------	-------------	----------------

This course enables students to understand the role of government institutions and the political processes in shaping and developing American society. The content includes types of government, the need for government, the function of the state, the exercise of power; policy making and public opinion, political control and the economy,

political ideologies, civil liberties, international relations, and the evolution of political change.

International Law	.5 credit	3920	2106355
--------------------------	------------------	-------------	----------------

The purpose of this course is to analyze and compare the different legal and political concepts, systems, and operations across countries and ideologies; how these structures affect international relations, and how legal disputes between countries are settled. The intent of this course is to give students a more global perspective of democratic citizenship within the framework of civics education.

International Relations	1 credit	3930	2106440
--------------------------------	-----------------	-------------	----------------

This course enables students to learn how to function effectively in a global community, understanding the nature of the modern national state, national goals, and how nations communicate and negotiate to facilitate these goals. The content includes: the origins of the nation-state system; the role of power politics in the nuclear age; factors that influence relations among nations, such as world population growth, food and other resources, environment, human rights, terrorism, cultural differences, world trade, and technology; the ways in which governments conduct foreign policy; role of international organizations in promoting world peace; role of women and diverse cultural groups within and among nations; and career opportunities available in international relations.

Global Studies	.5 credit	3940	2104320
-----------------------	------------------	-------------	----------------

This course provides students with interdisciplinary knowledge, skills, and attitudes necessary to meet responsibilities as citizens of their community, state and nation and prepares them to live in an increasingly interdependent and complex global society. The content includes, but is not limited to, the following: interdependence, global issues, culture, international system, pluralism, transnationalism, global economy, ecology issues, planetary ethics, human-environment interactions, movement, and cultural diffusion.

Advanced Placement Human Geography	.5 credit	3660	2103400
---	------------------	-------------	----------------

This course for students in junior and senior year introduces them to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.

Prerequisite: Teacher recommendation and a GPA greater than 3.0.

World War II	.5 credit	3650	2109350
---------------------	------------------	-------------	----------------

This elective course is designed to give students an in-depth understanding of World War II. The origins of World War II will be traced from the rise of fascism in both Nazi Germany and Mussolini's Italy, the growth of imperialism in Japan, and America's choice of isolationism during the 1930s. A key component of this course will be an examination of the war from a political as well as a military perspective; key decisions made by Allied and Axis leaders will be studied from multiple points of view. The course will lead up to the start of the Cold War, with an explanation for the rapid disintegration of the U.S.-Soviet alliance.

Honors World War II	.5 credit	3640	2109350
----------------------------	------------------	-------------	----------------

This elective course is designed to give students an in-depth understanding of World War II. The origins of World War II will be traced from the rise of fascism in both Nazi Germany and Mussolini's Italy, the growth of imperialism in Japan, and America's choice of isolationism during the 1930s. A key component of this course will be an examination of the war from a political as well as a military perspective; key decisions made by Allied and Axis leaders will be studied from multiple points of view. The course will lead up to the start of the Cold War, with an explanation for the rapid disintegration of the U.S.-Soviet alliance. Outside readings will be included, and a major term paper will be required for Honors.

Honors History of Modern Middle East	.5 credit	3670	9999999
The course introduces students to the historical foundations of the ideologies, conflicts, and cultures in the modern Middle East. Although the course introduces the histories of various nations, special emphasis will be devoted to the histories of Egypt, Israel, Palestine, Iraq, and Iran. The contrasting voices will enable students to understand the variety of issues, ideas, and historical conclusions shaping this dynamic and influential region.			
History of Modern Middle East	.5 credit	3680	9999999
The course introduces students to the historical foundations of the ideologies, conflicts, and cultures in the modern Middle East. Although the course introduces the histories of various nations, special emphasis will be devoted to the histories of Egypt, Israel, Palestine, Iraq, and Iran. The contrasting voices will enable students to understand the variety of issues, ideas, and historical conclusions shaping this dynamic and influential region.			
Strategies for Success	.5 credit	Dual Enrollment 3760	9999999
This course provides an orientation to college life and helps develop academic, career, and personal goals. The aim is to improve students' academic and personal development in the areas of learning strategies, study skills, time management, problem solving, goal setting, and how to use resources effectively.			
Honors Civil and Criminal Law	1 credit	3771	2106370
Civil and Criminal Law		3770	
The primary content for the course pertains to the study of the components and processes associated with the American legal system and the comprehensive examination of the civil and criminal justice systems. Content should include, but is not limited to, the historical antecedents for law, reason for laws, civil and criminal law, social values and their impact on the establishment and interpretation of laws, causes and consequences of crime, comparison of adult and juvenile justice systems, significance of the Bill of Rights to the American legal system, family and consumer law, rights and responsibilities under the law, and importance of the adversarial relationship in American jurisprudence. Honors level rigor will be achieved by increasing text complexity through text selection, focus on high-level qualitative measures, and complexity of task. Instruction will be structured to give students a deeper understanding of conceptual themes and organization within and across disciplines.			
Honors Criminal Justice	.5 credit	Dual Enrollment 3780	2106375
The primary content for the course pertains to the study of the components and processes associated with the American legal system and the comprehensive examination of the civil and criminal justice systems. Content should include, but is not limited to, the historical antecedents and purpose for laws, the impact of social values on the establishment and interpretation of laws, causes and consequences of crime, evaluation of the adult and juvenile justice systems, significance of the Bill of Rights to the American legal system and elements of constitutionalism, civil and criminal law, family and consumer law, rights and responsibilities under the law, and the adversarial versus inquisitorial systems of justice. This course will incorporate the development of a written appellate brief addressing a contemporary legal question and the presentation of oral arguments to defend their position legally. The course offers scaffolded learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting.			
Honors Criminology	.5 credit	Dual Enrollment 3790	9999999
This course offers an examination of the history, organization, and function of the criminal justice system, including police, courts, and corrections. The course will be an examination of sources of crime, society's reaction to crime, and the criminal justice system. This course examines crime and criminals with a particular emphasis on what actions society can or should take regarding crime and criminals. Explains why and how crime occurs and how this knowledge can guide governmental and legislative policy development. Factors that contribute to crime, the social reactions to crime, and the policies presently in place to combat crime will be examined. The focus will			

be on crime theories and perspectives. The course is organized around the three main agents that comprise the criminal justice system: policing, courts/law, and corrections, and the three main structures of concern to sociologists: race, class, and gender. The course concludes with an analysis of the basic sources of crime and how well the objectives of the system are being achieved through current processes and policies. The course goals focus on critical thinking and evaluation of the common practices utilized within the current system.

Prerequisite: Hon Criminal Justice or Criminal Law

Honors Introduction to Evidence and Trial Advocacy	.5 credit	3800	2106390
---	------------------	-------------	----------------

This course is primarily for seniors and focuses on Federal rules of evidence and trial proceedings. Topics include but are not limited to the policies governing the kinds of information that can be received at trial; how evidence should be developed by attorneys; exceptions to hearsay objections; how evidence may be considered by the trier of fact; and the examination and impeachment of witnesses.

Prerequisites: Required course - Criminal Justice, Recommended – Civil and Criminal Law

Honors Teaching or Guidance Assistant	.5 credit	3570	9999999
--	------------------	-------------	----------------

Students will assist social studies teachers or guidance counselors by completing research, aiding teachers in organization of lessons and activities or support guidance staff in their work.

THEOLOGY

Honors Introduction to Catholicism	.5 credit	5020	9999999
Introduction to Catholicism		5000	

This course provides students with a fundamental overview of the essentials of the Catholic faith. Students will learn about the Catechism's teachings on God, Jesus, the Paschal Mystery, The Church and its Sacraments, and Living a Life in Christ. This baseline understanding encourages curiosity and serves as a launching point for more in depth theological study as the curriculum progresses. The course also serves as an introduction to the Marist charism inherited from our saintly founder, St. Marcellin Champagnat, and an understanding of the global Marist network of schools.

Honors Jewish History: Hebrew Scripture	.5 credit	5100	2109410
Jewish History: Hebrew Scripture		5120	

This course provides students with an in-depth study of the development of the Jewish people by examining the political, economic, socio-cultural, religious, and military events that affected the religious and cultural group before and after the Law, primarily as told through the Hebrew scriptures, and leading to the development of Christianity. Students in the honors level will be expected to write thoughtful reflection papers and create multi-media presentations for individual and/or group projects to demonstrate their knowledge and application of the course material.

Honors Christology	.5 credit	5200	9999999
Christology		5220	

This course introduces students to the fundamental questions pertinent to all areas of human activity and inquiries through a study of the mystery of Jesus Christ as the living Word of God and the second person of the Blessed Trinity. Students will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who He is, students will also learn who He calls them to be. As an honors course, students will be expected to write short reflections and create presentations for individual and/or group projects to demonstrate their knowledge and application of the course material. Students in the honors level will be expected to write thoughtful reflection papers and create multi-media presentations for individual and/or group projects to demonstrate their knowledge and application of the course material.

Prerequisite for the honors level: Teacher recommendation.

Honors Ecclesiology	.5 credit	5211	9999999
Ecclesiology		5231	

This course enables students to recognize the characteristics that define their culture and gain an appreciation for the culture of others by studying and understanding the history of the Catholic Church and to see their personal connection to that history. The course provides a fundamental understanding of the Church's origin, nature, structure and mission and a study of magisterial and theological writings pertaining to the Church from various historical periods, including the Patristic era, the Middle Ages and modernity. Students in the honors level will be expected to write thoughtful reflection papers and create multi-media presentations for individual and/or group projects to demonstrate their knowledge and application of the course material.

Prerequisite for the honors level: Teacher recommendation.

Honors Global Studies & the Sacraments	.5 credit	Dual Enrollment	5300	2104320
Global Studies & the Sacraments			5320	

This course enables students to study the commonalities and differences among the peoples and cultures of the world and the complex nature of individual, group, and national interactions in today's world through the lens of sacramental life. Students will examine each of the sacraments in detail to learn how they may encounter Christ today in a full and real way and throughout their life. Students in the honors level will be expected to write thoughtful reflection papers and create multi-media presentations for individual and/or group projects to demonstrate their knowledge and application of the course material.

Prerequisite for honors level: Teacher recommendation.

Honors Ethics: Life in Christ	.5 credit	Dual Enrollment	5310	
Ethics: Life in Christ			5330	2105355

This course provides students with the tools necessary to analyze, critique and evaluate current issues and to formulate a personal value system with which to evaluate any present-day issue by examining and actively engaging in real life situations for which they may not have higher level discernment skills. Special emphasis will be on character education through targeted issues meaningful to students and the moral concepts and precepts that govern the lives of Christ's disciples. Students in the honors level will be expected to write thoughtful reflection papers and create multi-media presentations for individual and/or group projects to demonstrate their knowledge and application of the course material.

Prerequisite for honors level: Teacher recommendation.

Honors Social Justice	.5 credit	Dual Enrollment	5400	
Social Justice			5420	9999999

This course enables students to acquire an understanding of group interaction and its impact on individuals in order that they may have a greater awareness of the beliefs, values, and behavior patterns of others. Students will learn how Christ's concern for others, especially the poor and needy, is present today in the Catholic Church's social teaching and mission. The course invites them to be challenged and inspired by the Catholic Church's social teachings to understand the great justice concerns of our times and to respond to them by courageously living and creatively advancing the message of the Gospel in society. Students in the honors level will be expected to write thoughtful reflection papers and create multi-media presentations for individual and/or group projects to demonstrate their knowledge and application of the course material.

Prerequisite for honors level: Teacher recommendation.

Honors World Religions	.5 credit	Dual Enrollment	5410	
World Religions			5430	2105310

This course introduces students to an understanding of the way people in different cultures satisfy their spiritual needs. Students contrast and compare the place of religion in various cultures, the importance that has been attached to religion in people's lives and the relationship between these religions and that of the Roman Catholic Church. Students in the honors level will be expected to write thoughtful reflection papers and create multi-media presentations for individual and/or group projects to demonstrate their knowledge and application of the course material.

Prerequisite for honors level: Teacher recommendation.

Christian Lifestyles	.5 credit		5500	9999999
-----------------------------	------------------	--	-------------	----------------

The purpose of this course is to develop advanced knowledge and skills that promote positive social and emotional interactions and relationships. Through an in-depth study of basic human needs, self-awareness and acceptance, students will gain a greater understanding of their life vocation: how Christ calls them to live for the benefit of others, and the value in considering a vocation in service to the Christian community.

VISUAL AND PERFORMING ARTS

VISUAL ARTS

Drawing 1	.5 credit	7000	0104340
------------------	------------------	-------------	----------------

This class is an entry level course designed to give beginning students a solid background and experience from which to apply in other more advanced visual arts courses offered by the school. The course would be largely based on observational imagery. A variety of mediums would be employed which could include pencil, colored pencil, charcoal, oil pastels and chalk pastels. Subjects would include, but are not limited to, basis still life, landscape and beginning figure drawing. Fee required.

Drawing 2	.5 credit	7020	0104350
------------------	------------------	-------------	----------------

This intermediate level drawing class would be designed for 10th grade students who show advanced skill levels above the entry level. The class would also be offered to upperclassmen without a prerequisite. Similar mediums used in Drawing 1 could be utilized in Drawing 2. Advanced concepts such as, narrative, portraiture, perspective, and anatomy could be explored. Fee required.

Digital Art 1	.5 credit	7080	0108380
----------------------	------------------	-------------	----------------

Digital Art enables students to learn how to use their iPads and computers to create artwork. They learn how to draw, paint, take and edit photos, design original characters and environments and create a web presence for themselves and their artwork.

Prerequisite: Drawing 1 or Drawing 2. Fee required.

Honors Digital Art 2	.5 credit	7081	0108390
-----------------------------	------------------	-------------	----------------

Students explore advanced topics through project-based work, becoming more self-directed in their acquisition and use of concepts, terminology, techniques, and applications to design, create, print, and display original two-dimensional graphic and fine works of art in print and web formats. As they become more adept at using the tools and techniques available to them, students design and produce digital still images through the single or combined use of computers, digital cameras, scanners, photo editing software, drawing, and painting software, graphic tablets, printers, new media, and emerging technologies. Through the critique process, students evaluate and respond to their own designs and images and those of their peers to measure artistic growth with increasing sophistication and independence to promote risk-taking in the completion of conceptually based, self-directed work.

Prerequisite: Digital Art 1 or instructor's permission. Fee required.

Honors Painting	.5 credit	7090	0104390
------------------------	------------------	-------------	----------------

This course enables students to learn basic painting skills such as, mastery of color mixing, proficiency of brush handling and control, then moving to more advanced skills such as classic glazing and scumbling. Subjects could include basic still life, narrative painting, landscape, and personal interpretation of subject. Mediums could include, but not be limited to, acrylic painting and water miscible oil paints.

Prerequisite: Drawing 1, Drawing 2 or permission from the instructor. Fee required.

Honors Printmaking 1	.5 credit	7060	0110300
-----------------------------	------------------	-------------	----------------

This course enables students to learn basic printmaking skills, as well as some advanced etching techniques. Items to be covered would include basic relief printmaking, linocut, woodcut, and monotypes. Also to be examined would be basic copperplate and zinc plate etching, as well as, engraving and mezzotint.

Prerequisite: Drawing 1, Drawing 2 or permission from the instructor. Fee required.

Honors Printmaking 2	.5 credit	7061	9999999
-----------------------------	------------------	-------------	----------------

Students develop and refine technical skills and create 2-D compositions with a variety of media in printmaking. Media may include, but are not limited to intaglio, lithography, relief printing, and wood block printing. Student artists manipulate and refine the structural elements of art to improve mark-making

and/or the organizational principles of design in a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers.

Prerequisite: Honors Printmaking 1 or permission from the instructor. Fee required.

Advanced Placement Art – Drawing Portfolio	1 credit	7110	0104300
---	-----------------	-------------	----------------

The purpose of this course is to give advanced art students the opportunity to develop quality, concentration, discipline, and breadth in drawing. The course enables students to follow an individually designed rigorous program leading to the creation of an art portfolio that will meet AP specifications. Strong commitment to this level of work and meeting times beyond the regular school day may be essential. The content includes experiences in the development of skills in the perceptual and conceptual aspects of drawing, techniques of preparation, presentation, and evaluation of portfolio content.

Prerequisite: Permission of the instructor is necessary. Fee required.

Advanced Placement Studio Art 2D	1 credit	7120	0109350
---	-----------------	-------------	----------------

This course is intended to address a very broad interpretation of two-dimensional (2-D) design issues. This type of design involves purposeful decision-making about how to use the elements and principles of art in an integrative way. It is an individually designed rigorous program for the advanced art student who wishes to seek AP credit through submitting a Portfolio of work for consideration by the College Board and is planning to pursue art at the college level. The content should include, but not be limited to, the following: advanced study of the elements of design (line, shape, illusion of space, illusion of motion, pattern, texture, value, and color); advanced study of the principles of design including unity/variety, balance, emphasis, rhythm, and proportion/scale; development of proficiency in a variety of 2-D forms including but not limited to; graphic design, typography, digital imaging, photography, collage, fabric design, weaving, illustration, painting, and printmaking; advanced study of approaches to representation, abstraction, and expression; development of rationale and criteria for inclusion of works of art in an Advanced Placement Portfolio. Strong commitment to this level of work and meeting times beyond the regular school day may be essential.

Prerequisite: Permission of the instructor is necessary. Fee required.

Advanced Placement Studio Art 3D	1 credit	7130	0109360
---	-----------------	-------------	----------------

This course is intended to address sculptural issues. Design involves purposeful decision making about using the elements and principles of art in an integrative way. Students are asked to demonstrate understanding of 3D design through any three-dimensional approach, including, but not limited to, figurative or non-figurative sculpture, architectural models, metal work, ceramics, glass work, installation, performance, assemblage, and 3D fabric/fiber arts.

Prerequisite: Permission of the instructor is necessary. Fee required.

Introduction to Art History & Criticism	1 credit	7140	0100310
--	-----------------	-------------	----------------

This course enables students to explore the role of art in history and culture through observation and analysis of significant works of art and architecture from Prehistory through the 21st century. Students will investigate the societal context of works, conventions, symbolism, and patronage. The course also includes an introduction to the methodologies of art history and criticism and the study of techniques used by artists from different cultures. Students will also have hands-on opportunities to create their original interpretations of the works studied.

Honors Art History	1 credit	7150	0100330
---------------------------	-----------------	-------------	----------------

This course enables students to explore the role of art in history and culture through observation and analysis of significant works of art and architecture from Prehistory through the 21st century. Students will investigate the societal context of works, conventions, symbolism, and patronage. The course also includes an introduction to the methodologies of art history and criticism and the study of techniques used by artists

from different cultures. Students will also have hands-on opportunities to create their original interpretations of the works studied.

Prerequisite: English or Social Studies teacher recommendation.

Honors Fine Arts Studio	1 credit	7160	0101320
--------------------------------	-----------------	-------------	----------------

The course focuses on developing techniques in classical drawing, portrait, figurative art, and landscape painting using graphite, charcoal, and oil paint. It emphasizes modern European movements such as Realism, Tonalism, Impressionism, and Post Impressionism, highlighting masters like Rembrandt, Caravaggio, John Singer Sargent, Monet, and Van Gogh. Students are expected to complete master copies and create a personal body of work that applies the techniques learned in class.

Advanced Placement Art History	1 credit	7100	0100300
---------------------------------------	-----------------	-------------	----------------

The study of art history invites students to discover the diversity in and connections among forms of artistic expression throughout history and from around the globe. Students learn about how people have responded to and communicated their experiences through art making by exploring art in its historic and cultural contexts. The course focuses on *big ideas* and *essential questions* that encourage student investigation of art. Ultimately, the depth of learning students' experiences in the course results in readiness for advanced college coursework in art history and other disciplines.

Prerequisite: English or Social Studies teacher recommendation.

Honors Film History	.5 credit	Dual Enrollment	7370	9999999
----------------------------	------------------	------------------------	-------------	----------------

Students will examine film as an art form, studying a broad range of films and film texts from a variety of cultural contexts and analyzing how film elements combine to convey meaning. Process and apply constructive criticism as formative assessment for continued growth in art-making skills.

Creative Photography	1 credit	7390	0108310
-----------------------------	-----------------	-------------	----------------

This course designed blends art history, visual literacy, and hands-on creative practice. Students will explore the evolution of photography, from early analog processes to the digital and AI-driven era, while developing technical and artistic skills behind the lens. The course encourages students to understand photography as both an art form and a means of cultural documentation.

Film Production 1	1 credit	6141	0107410
--------------------------	-----------------	-------------	----------------

Students will explore various film production roles through engagement with all phases of the filmmaking process to fulfill their own filmmaker intentions. Students acquire, develop, and apply skills through filmmaking exercises, experiments and completed films.

Note: This course does not fulfill the art graduation requirement.

Honors Film Production 2	1 credit	Dual Enrollment	6140	0107420
Honors Film Production 3			6143	0107430

Students focus on the collaborative aspects of filmmaking and experience working in core production teams to fulfill shared artistic intentions. They work in chosen film production roles and contribute to all phases of the filmmaking process to collaboratively create original completed films.

Note: This course does not fulfill the art graduation requirement.

PERFORMING ARTS

Introduction to Band	.5 credit	7200	1302300
-----------------------------	------------------	-------------	----------------

This course is for students who have had little or no experience playing a band instrument. Students in this class will receive music lessons in groups. If a student plays an instrument well enough, he will be accepted into Advanced Concert Band the following year with an opportunity to join smaller groups within the Advanced Concert Band. The program includes most brass, woodwind, and percussion instruments according to the needs of the advanced concert band. This course fulfills the fine arts requirements.

Prerequisite: Audition required. Fee required.

Concert Band	.5 credit	7220	1302320
---------------------	------------------	-------------	----------------

This semester course is primarily for students in sophomore year who have had band experience or who had studied a band instrument for at least one year. The program includes all woodwind, brass, and percussion. Guitar and bass are by audition only. Opportunities shall be given to students for self-expression in music and a respect for and appreciation of a wide selection of band repertoire representing various musical styles. Performance opportunities include football games, home basketball games, open house, Block C, spring Mother's Day concert, and other off and on campus performances.

Prerequisite: Audition required. Fee required.

Honors Concert Band 1	1 credit	7230	1302320
------------------------------	-----------------	-------------	----------------

This year-long course is open to students who have had band experience or who had studied a band instrument for at least one year. The program includes all woodwind, brass, and percussion. Guitar and bass are by audition only. Opportunities shall be given to students for self-expression in music and a respect for and appreciation of a wide selection of band repertoire representing various musical styles. Performance opportunities include football games, home basketball games, open house, Block C, spring Mother's Day concert, and other off and on campus performances.

Prerequisite: Audition required. This course is not open to students who have taken Concert Band. Fee required.

Honors Concert Band 2	.5 credit	7240	
Honors Concert Band 3	.5 credit	7310	
Honors Concert Band 4	.5 credit	7320	1302330
Honors Concert Band 5	.5 credit	7330	

These courses continue to develop the students' performance skills begun in earlier band courses. The program includes all woodwind, brass, and percussion.

Prerequisite: Concert Band or Honors Concert Band 1 and an audition required for this class. Fee required.

Percussion Techniques	.5 credit	7250	1302430
------------------------------	------------------	-------------	----------------

This course would cover all aspects of percussion: drum set, snare drum rudiments, percussion ensembles, drum line cadences, mallet instruments and playing all styles of music. Limited enrollment.

Prerequisite: Audition required. Fee required.

Rock Ensemble 1	.5 credit	7290	1302510
------------------------	------------------	-------------	----------------

This course is for students who play guitar, bass, and drums. Students will learn the history of rock music from its inception to the present day. The daily class will include ensemble playing where students will work on techniques such as scales, arpeggios, chords, guitar, and music theory, as well as the history of each instrument. Music composition and arrangement will be stressed in this course, where each student will compose and perform his own music. Improvisation and individual creativity for each student will be a main goal in this class. Each Friday, one student will present an oral report on a famous musician, using musical

examples, both with a recording, and themselves playing on their instrument. Students will be tested weekly on the music played during class. The class is limited to a maximum of 6 guitars, 3 basses, and 2 drummers.

Prerequisite: An audition is required of students interested in the class.

Honors Rock Ensemble 2 **.5 credit** **7350** **1302530**

Students with significant musical experience become highly conversant with complex harmonic structures; compose or arrange for small groups; improvise over various forms, keys, and styles; and are knowledgeable about the professional music scene and its icons. Musicians study the impact of technology on the music industry and learn the basics of sound reinforcement for solo and ensemble performance. In keeping with the rigor expected in an Honors course, students undertake independent study that includes synthesis of learning and experience. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Prerequisite: An audition is required of students interested in the class.

Guitar Band **.5 credit** **7300** **1301320**

This course is for students who are beginners to the guitar. The purpose of the course is to enable students to develop basic skills on guitar through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, and critical listening.

Honors Music Production **.5 credit** **7350** **1304320**

Students expand their experience with music technology and sound engineering, integrating their knowledge of traditional musical elements with past and current technologies used to capture, create, mix, and present music. Students focus on deeper exploration of their own creative work, enhanced by their knowledge of music and other arts and sciences. Public performances may serve as a resource for specific instructional goals. Students may be required to attend one or more performances outside the school day to support, extend, and assess learning in the classroom.

Prerequisite: Music Technology and Sound Engineering 1 and permission of the instructor is necessary.

Music Production **.5 credit** **7340** **1304300**

In this course, students will learn about the music production process—including recording, editing, and mixing—and the tools available to create contemporary music on the computer or at a recording studio. Students will learn introduction to advanced techniques using music recording software, and will compose and create original music, learn how to sample, record both MIDI and Audio, and cover all styles of music. Music theory will be stressed as part of this course, as well as the history of music and the people who create it.

Prerequisite: Permission of the instructor is necessary.

Drama 1 **.5 credit** **0620** **0400310**

The purpose of this course is to introduce students to fundamental skills in the multiple elements of theatre as a collaborative art. The content includes acting and characterization, movement and vocal production, pantomime and improvisation, theatre terminology, script elements, technical theatre, playwriting, theatre production, artistic discipline, audience etiquette, roles and careers in theatre arts, relationships between theatre arts and other subject areas. The course fulfills fine arts requirements.

Hon Drama 2 **.5 credit** **0630** **0400320**
Hon Drama 3 **0680**

This course is designed for the Advanced Acting and Technical Theater student. The purpose of this course is to enable students to develop basic skills in the multiple elements of theatre as a collaborative art. Course content includes: acting and characterization, movement and vocal production, pantomime and improvisation, theatre terminology, script elements, theatre history and influences, technical theatre and design, playwriting, role of the

director, theatre production, artistic discipline, audience etiquette, roles and careers in theatre arts, relationships between theatre arts and other subject areas.

Prerequisite: Drama 1 and permission of the instructor.

WORLD LANGUAGES

FRENCH

French 1	1 credit	4000	0701320
-----------------	-----------------	-------------	----------------

This course provides initial exposure to basic grammatical patterns learned in the context of fundamental dialogues and conversations. The aim of the course is to enable students to converse on a beginner's level through repeated oral practice. Course content consists in learning basic grammar and vocabulary essentials presented in the text, and there is a strong emphasis on developing students' listening and speaking skills. The use of cultural materials provides a source of enrichment and reinforcement of essential subject matter.

French 2	1 credit	4010	0701330
-----------------	-----------------	-------------	----------------

The course provides continued exposure to basic grammatical patterns learned in the context of more involved dialogues as well as short reading selections. The aim is to develop the students' ability to converse through repeated oral practice. There is a predominant emphasis on developing listening and speaking skills and moderate stress on reading and writing. Course content consists in learning more involved essentials of the language as presented in context. The use of cultural materials in the target language continues to provide a source of enrichment and reinforcement of essential subject matter.

Honors French 3	1 credit	4020	0701340
------------------------	-----------------	-------------	----------------

This course enables students to deepen a growing knowledge of the language through the following: exposure to the most advanced grammar and syntax; extensive conversation and writing of themes that enable the students to think in the language. Ample opportunity is provided for the student to use the language in skits, dramatizations, and class discussions.

Prerequisite: Teacher recommendation.

Honors French 4	1 credit	4030	0701350
------------------------	-----------------	-------------	----------------

This course will provide the student with the opportunity to master language skills and to acquire a more thorough knowledge and appreciation of French in our modern world. Discussion and practice of everyday situations will take place in the target language to perfect oral expression and, at the same time, strengthen grammatical usage. Essay writing, oral activities such as skits, and reading and listening comprehension practice will enrich the student's ability to manipulate the language in practical situations. AP testing is offered as a complement to this course.

Prerequisite: Teacher recommendation.

Advanced Placement French Language	1 credit	4050	0701380
---	-----------------	-------------	----------------

This course essentially prepares students for the Advanced Placement Exam in French Language. It is an advanced composition and conversation course that aims to significantly increase the students' proficiency in listening, speaking, reading, and writing skills. The course also explores the literature and culture of the French-speaking world.

Prerequisite: Honors French 4 and teacher recommendation.

SPANISH

Spanish 1	1 credit	4100	0708340
------------------	-----------------	-------------	----------------

The course is an initial exposure to basic grammatical patterns learned in the context of fundamental dialogues and conversations. The aim is to enable students to communicate effectively at a beginner's level through repeated oral practice. Heavy stress is placed on listening and speaking skills. Cultural materials provide students with source of enrichment and reinforcement of essential subject matter.

Prerequisite: Department placement or teacher recommendation.

Spanish S1	1 credit	4200	0709300
-------------------	-----------------	-------------	----------------

This course aims to provide students demonstrating rudimentary native speakers' ability in language a strong foundation on basic language skills. It aims to enable students to develop, maintain, and enhance proficiency in their home language by reinforcing and acquiring skills in listening, speaking, reading, and writing, including the fundamentals of Spanish grammar. Topics include: the Spanish alphabet, syllabication, cardinal and ordinal numbers, the calendar year, greetings, pleasantries, and individual expressions, everyday life activities such as the weather, sports, home and school routines, and basic grammar topics such as the study of nouns, adjectives, pronouns, and modalities of the present, past and simple future tenses.

Prerequisite: Department placement.

Spanish 2	1 credit	4110	0708350
------------------	-----------------	-------------	----------------

The course builds on the foundations of a beginning course in the language and aims at expanding the student's proficiency in all four skills: listening, speaking, reading, and writing. Emphasis is placed on the acquisition of more advanced vocabulary and grammar structures. Cultural readings and use of multimedia provide students with source of enrichment and reinforcement of essential subject matter.

Prerequisite: Spanish 1, department placement or teacher recommendation.

Spanish S2	1 credit	4210	0709310
-------------------	-----------------	-------------	----------------

This course is appropriate for heritage speakers who have studied the language for at least 2 or 3 years prior and demonstrate basic proficiency in the language. The course includes development of active and passive vocabulary, meaningful oral participation, study of all verb tenses in the indicative, and other essential grammar. The course enables students to: progress from less familiar to more complex structures, acquire functional and active competence reinforcing the spoken word, gain an understanding and appreciation of short stories of human interest that reflect contrasting cultural points.

Prerequisite: Department placement or teacher recommendation.

Honors Spanish 3	1 credit	4120	0708360
-------------------------	-----------------	-------------	----------------

This is an intermediate level course designed to further the four fundamental skills of the language: listening, speaking, reading, and writing. The course provides a comprehensive review of basic grammatical structures, while emphasizing intensive oral and written work that develops the students' vocabulary. A variety of reading materials and audio-visual presentations enable students to deepen their understanding and appreciation of Hispanic culture and literature.

Prerequisite: Spanish 2, department placement or teacher recommendation.

Honors Spanish S3	1 credit	4220	0709320
--------------------------	-----------------	-------------	----------------

This course is appropriate for native speakers who have studied the language for at least 4 or 5 years prior or have completed several years of study in a Spanish speaking country. The course is a thorough review of grammatical principles and structures from the simple to the more complex. Skills not mastered or learned in the previous experience with the language will have to be learned during this course. This course also offers a preliminary introduction to Spanish and Spanish American literature, history, and the arts. Greater attention and stress are placed on oral and written expression, and the course includes reading selections representing different literary genres and authors. These readings offer the student an opportunity to increase his ability to read with

understanding, gain greater insight into the structure and culture of the Spanish language, appreciate contemporary Spanish writers, and lay the foundation for discussion of style and literary analysis.

Prerequisite: Department placement or teacher recommendation.

Honors Spanish 4	1 credit	Dual Enrollment	4130	0708370
-------------------------	-----------------	------------------------	-------------	----------------

This course reviews grammatical structures from previous levels, introduces more complex structures and helps students build a more sophisticated vocabulary. Literary selections, popular songs and art addressing contemporary socio-political and cultural themes from Spain and Latin America provide a basis for intensive oral and written expression. Students in senior year who earn a course grade of A- or higher may take the Advanced Placement Spanish Language examination.

Prerequisite: Spanish 3 and teacher recommendation.

Honors Spanish S4	1 credit	Dual Enrollment	4230	0709330
--------------------------	-----------------	------------------------	-------------	----------------

This course is primarily for students with native speaker or near native-speaker proficiency who desire to pursue an in-depth study of literature in the Spanish-speaking world. The course aims to acquaint students with the main literary authors and movements from their earliest manifestations to the present, while paying special attention to authors included in the reading list for the Advanced Placement Exam in Literature. The course will enable students to significantly develop reading skills and higher critical thinking and expression through the close reading of first-rate literature from the Hispanic world. Students with a B average or higher may be allowed to take the AP Exam in Language.

Prerequisite: Spanish S3 or Advanced Placement Spanish Language, and teacher recommendation.

Honors Advanced Conversational Spanish	.5 credit		4270	0708380
---	------------------	--	-------------	----------------

This semester course aims to significantly improve the student's conversational skills through a contextualized content-based approach to communication and his active, responsible participation in discussions, debates, and class presentations. The course also aims to increase student awareness of Hispanic culture through its rich cinema heritage and other forms of cultural production. Even though the emphasis of this course is on oral proficiency and not on grammar, syntax, reading or writing, the required reading and listening material provide opportunities for students to be exposed to authentic language use, and to integrate these forms into their speaking and writing.

Prerequisite: Spanish S3 or Honors Spanish 4 and above, and teacher recommendation.

Spanish for Business Communication	.5 credit		4280	9999999
---	------------------	--	-------------	----------------

This semester course aims for students to develop all language competencies in a business/marketing context, including culturally appropriate business etiquette for the Spanish-speaking world. Student will work with common documentation and practices used in business and marketing, explore cultural issues and business-specific terminology, and use these to develop and make group presentations.

Prerequisite: Spanish S3 or Honors Spanish 4 and above.

Honors Spanish for Business Communication	.5 credit	Dual Enrollment	4281	9999999
--	------------------	------------------------	-------------	----------------

This semester course aims for students to develop all language competencies in a business/marketing context, including culturally appropriate business etiquette for the Spanish-speaking world. Student will work with common documentation and practices used in business and marketing, explore cultural issues and business-specific terminology, and use these to develop and make group presentations. The honors level will require additional readings and more extensive projects.

Prerequisite: Spanish S3 or Honors Spanish 4 and above.

Honors Spanish Seminar
Caribbean History, Culture and Literature

.5 credit

4260

0709350

This course will offer students a multicultural perspective of the Caribbean basin, focusing primarily on the history, culture and literature of the Greater Antilles and the surrounding countries of Mexico, Central America, Colombia, Venezuela, and Brazil. Students will better understand the historical developments of the peoples of the Caribbean develop an appreciation for the various cultures and their literature and understand the contributions of the culture and literature of the region to the neighboring countries of the hemisphere, particularly the United States. As part of the requirements for this course, students may be expected to: write an original story based on a personal interpretation of a theme; revise and edit reading materials through the process of organizing, limiting, developing, and selecting; analyze the relationship between historical events and an author's literary production; analyze the effect of individuals, period of time, and genre on specific themes; interpret individual and societal conditions through literature and other cultural expressions.

Prerequisite: Open to students who have completed any of the honors-level courses in Spanish with a B- or higher.

Advanced Placement Spanish
Language

1 credit

4250

0708400

This course essentially prepares students for the Advanced Placement Exam in Spanish Language. It is an advanced composition and conversation course that aims to significantly increase the students' proficiency in listening, speaking, reading, and writing skills. The course also explores the literature and culture of the Spanish-speaking world.

Prerequisite: Spanish 4 or Spanish S3 and teacher recommendation.

Advanced Placement Spanish
Literature

1 credit

4240

0708410

This course is for students with native-speaker or near native-speaker proficiency who wish to pursue further study of Hispanic literature. This course aims to prepare students for the Advanced Placement Exam in Spanish literature, enabling them to understand lectures in Spanish, actively participate in literary discussions, perform close reading of Modern Hispanic literary texts in various genres and analyze the style and content of literary works through oral and written expression using appropriate terminology.

Prerequisite: Honors Spanish S4. Teacher recommendation is needed if coming from AP Spanish Language.

ITALIAN

Italian 1

1 credit

4500

0705320

This course provides students with foundational proficiency in the Italian language and an understanding of the Italian culture, history, and traditions. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. While emphasis is placed on proficient communication in the language, an introduction to reading and writing is also included as well as culture, connections, comparisons, and communities.

AMERICAN SIGN LANGUAGE

American Sign Language 1

1 credit

4700

0717300

This course aims to enable students to interact respectfully and effectively with members of the Deaf and Hard of Hearing community by providing meaningful communication skills, cultural awareness, and real-world

experience in sign language. Emphasis is placed on proficient communication in the language with introductions to culture, connections, comparisons, and communities.

LATIN

Latin 1	1 credit	FLVS	4300	0706300
----------------	-----------------	-------------	-------------	----------------

This **lab/online** course introduces students to the target language and its culture. It also acquaints students with Olympic gods and with the everyday life of the typical Roman. The course sets the students' feet on a journey as big as their imagination, with a passport to some of the world's most exciting places. The student will develop a thorough understanding of the written language as well as of the influence the language and culture has had on other world languages, culture, government, arts, and laws. Emphasis is placed on proficient understanding in the reading of the language. An introduction to writing is also included as well as culture, connections, comparisons, and communities. Students will focus more on reading and interpreting written passages rather than using oral modes of communication.

Latin 2	1 credit	FLVS	4310	0706310
----------------	-----------------	-------------	-------------	----------------

This **lab/online** course expands the skills acquired by students in Latin 1. Building on their knowledge of Latin grammar and vocabulary, students will sense the beauty of the language and the passion of those who spoke it. A clear, expressive, and flexible language—a language in which students can communicate—supports Roman engineering, art, commerce, and system of laws. Specific content includes, but is not limited to, expansion of vocabulary and translation skills through comprehension of selected readings. Vocabulary and grammar stresses activities which are important to prepare for translating the works of authentic authors in the target language. In presentational speaking and presentational writing, Latin students will present projects and reports of the research they have done about the culture, arts, history, politics, literature, and mythology of the target language in English. Students will focus more on reading and interpreting written passages rather than using oral modes of communication.

Prerequisite: Latin 1

MANDARIN

Mandarin 1	1 credit	FLVS	4400	0711300
-------------------	-----------------	-------------	-------------	----------------

This **lab/online** course introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities. The course starts by introducing students to a general knowledge of Pinyin, Mandarin Chinese, Chinese dialects, and Chinese characters. After one semester, students will be able to engage in conversation in Chinese including greeting people, introducing themselves to others, and exchanging basic information with others. Students learn to count from 1 to 1000 and make simple sentences in both spoken and written Chinese. They also learn 160 "magical" Chinese characters and use them on a variety of topics. As students walk through the unit's step by step, they get to know not only the language itself, but also the culture in which the language takes place and keeps developing.

Mandarin 2	1 credit	FLVS	4410	0711310
-------------------	-----------------	-------------	-------------	----------------

This **lab/online** course reinforces the fundamental skills acquired by the students in Mandarin 1. The course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in Chinese 1. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the target language-speaking people is continued. The course immerses students in Chinese culture as virtual exchange students in

China. Virtual excursions from one Chinese city to another expand the students' vocabulary, helping them learn to interact with others and use appropriate terms to communicate in various everyday situations.

Prerequisite: Mandarin 1