



IMG ACADEMY

**INSTRUCTIONAL
PROGRAM GUIDE**

2020-2021



CORE VALUES

OPEN MIND

PASSIONATE SOUL

ABSOLUTE INTEGRITY

CHAMPION'S SPIRIT

HELPFUL HEART

MISSION:

To provide student-athletes with a premier training ground for their academic, athletic, and personal growth in a diverse community that cultivates an **open mind**, a **passionate soul**, **absolute integrity**, a **champion's spirit**, and a **helpful heart**.

PHILOSOPHY:

The IMG Academy faculty and staff seek to meet the unique needs of the diverse student-athlete population we serve through an eclectic approach to learning. Emanating from a desire to actively challenge and engage, we strive to identify and develop each learner's inherent ability and capacity for intellectual growth. Passion drives our efforts to provide a quality learning environment for our student-athletes and the encouragement they need to succeed. We are committed to serving the whole learner and are devoted to creating a sense of belonging that transcends learning differences and builds an abiding esprit de corps. As Ascenders, we believe in always reaching, forever striving, and never being satisfied with the status quo.

PROGRAM PURPOSE:

At IMG Academy, we provide a personalized, purpose-driven learning environment in which we challenge student-athletes to master a broad range of skills and competencies. We believe passion drives, drive focuses, and focus empowers rigor and quality performance; and it is that belief that defines our foundational approach to growth, both in the classroom and on the field. Equally important is our embedded emphasis on character development and social responsibility, which we adjudge to be a vital component in our quest to prepare student-athletes for the next step in their life's journey.

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ACADEMIC CALENDAR

July-2020						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

August-2020						
Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

September-2020						
Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

October-2020						
Su	M	Tu	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

November-2020						
Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

December-2020						
Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

January-2021						
Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

February-2021						
Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

March-2021						
Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

April-2021						
Su	M	Tu	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

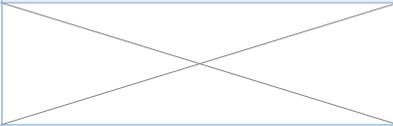
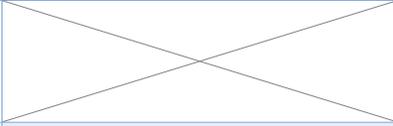
May-2021						
Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

June-2021						
Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

1st Semester		2nd Semester	
TBD	ISTP Welcome Event	Jan. 1-5	Winter Break (No school)
TBD	ISTP Official Check in	Jan. 4	Semester II Check In Day (New students)
Aug. 27	Academy Check in (New Students)	Jan. 5	Parent Orientation (New Parents)
Aug. 28	Academy Check in (Returning Students)	Jan. 6	Semester 2 Begins
Aug. 29	Parent & Sport Orientation	Jan. 15	S1 Report Cards in Plus Portals ~ 5:00 PM
Aug-31	First Day of School	Jan. 18	MLK Junior Day (No School)
Aug31-Sep.4	Week of Welcome	Jan. 22	Add/Drop Deadline
Sept. 7	Labor Day-No School	TBD	School Picture Days
Sept. 11	Add/Drop Deadline	Feb. 15	President's Day (No School)
Oct. 8	National Honor Society Induction/Homecoming	Feb. 25	Parents Weekend- Class Shadow
Oct. 8	Parents Weekend- Class Shadow	Feb. 25	National Honor Society Induction
Oct. 9	Parents Weekend- Teacher Conferences	Feb. 25	SLAM Showcase/ Parent Reception
Oct. 10	Parents Weekend Games	Feb. 26	Parents Weekend/Teacher Conferences
Oct. 14	PSAT	Feb. 26	NJHS Induction
Oct. 16	Fall Break (No School)	Feb. 27	Parents Weekend Games
Oct. 23	Last Day of Quarter 1	Mar. 12	Last Day of Quarter 3
Oct. 30	Q1 Report Cards in Plus Portals ~ 5:00 PM	March 15-19	Spring Break
TBD	School Picture Days	Mar. 26	Q3 Report Cards in Plus Portals ~ 5:00 PM
TBD	NLI Signing Day-Early Period	TBD	NLI Signing Day
Nov.23-27	Thanksgiving Break (No School)	TBD	PROM
Nov 23-24	Thanksgiving Distance-Learning	May-21	Commitment Ceremony-Last Day of Quarter 4
TBD	NLI Signing Day-Football	May-21	Senior Day
Dec. 18	Last Day of Quarter 2	May 24-27	Exam Review Days
	No midterm exams Semester 1	May-28	8th Grade Promotion Ceremony
Dec. 21-31	Winter Break (No School)	May 28-Jun 2	Final Exams
		May 31	Memorial Day -No School
		Jun-03	Exam Makeup Day
		Jun-04	Commencement Ceremony
		Jun-11	Semester 2 Report Cards in Plus Portals ~ 5:00 PM

ACADEMIC SCHEDULE

GRADES 6-12 + PG HIGH SCHOOL

	MON	TUES	WEDS	THURS	FRI
PERIOD 1	7:40 AM – 9:00 AM				7:40 AM – 8:55 AM
PERIOD 2	9:10 AM – 10:30 AM				9:05 AM – 10:20 AM
<i>OFFICE HOURS/ ADVISORY*</i>	10:30 AM – 10:50 AM				
PERIOD 3	10:50 AM – 12:15 PM				10:30 AM – 11:50 AM
LUNCH	MIDDLE SCHOOL: 12:05 PM 12TH: 12:10 PM 9TH – 11TH: 12:15 PM				MIDDLE SCHOOL: 11:40 AM 12TH: 11:45 AM 9TH – 11TH: 11:50 AM
PERIOD 4	1:20 PM – 2:40 PM				1:20 PM – 2:35 PM
<i>OFFICE HOURS/ ADVISORY*</i>	2:40 PM – 3:00 PM				
PERIOD 5	3:00 PM – 4:20 PM				2:45 PM – 4:00 PM
PERIOD 6	4:30 PM – 5:50 PM				4:10 PM – 5:25 PM
EVENING STUDY HOURS	6:30 PM – 8:00 PM				

*Office Hours on Monday, Tuesday, Wednesday and Thursday are optional tutorial times to meet with teachers for questions or extra help. Select Wednesdays will have a special schedule for Advisory.

IMPORTANT ACADEMIC CONTACTS

UPPER SCHOOL DIRECTOR

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ACADEMICS (SCHOOL ONLY)

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TRACK & FIELD

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POST GRADUATE COORDINATOR (ALL SPORTS)

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INTRODUCTION

Welcome to the 2020-2021 Instructional Program Guide! It has been specifically designed with you, the student-athlete, in mind and provides information that will be important to you in navigating IMG Academy’s academic program. Use it as a tool to help you understand expectations and when you have questions regarding your specific program.

GRADUATION REQUIREMENTS

IMG Academy offers two diploma options. The decision as to which diploma you pursue is determined in consultation with a college counselor and must be approved by an administrator no later than the beginning of your senior year. The College Preparatory Diploma is the standard diploma issued to graduating seniors.

COLLEGE PREPARATORY DIPLOMA

All students, especially those seeking admission to an academically competitive institution, should consider taking honors-level and AP courses, complete at least 3 years of the same world language, complete 4 years of math (Pre-Calculus or Calculus recommended), and take a 4th year of science (including both Chemistry and Physics) and social studies. Credits are earned, and GPA is calculated after each semester.

	IMG ACADEMY	NCAA ELIGIBILITY REQUIREMENTS*	
	22 Credits required for graduation	16 of required 22 for graduation	
SUBJECT	CREDIT	DIVISION I	DIVISION II
English	4 Credits	4 Years	3 Years
Math	4 Credits (includes Algebra I, Geometry, Algebra II)	3 Years (includes Algebra I or higher)	2 Years (includes Algebra I or higher)
Social Studies	3 Credits (includes American History)	2 Years	2 Years
Science	3 Credits (includes Biology and Chemistry)	2 Years (includes 1 lab course)	2 Years (includes 1 lab course)
World Language	2 Credits	3 Years Recommended	-
Fine Arts	1 Credit	-	-
Academic Electives	3 Credits	4 years of additional courses from any area above AND 1 additional year of English, Math, or Science	4 years of additional courses from any area above AND 3 additional years of English, Math, or Science
Additional Courses	2 Credits (can include sport)	-	-

GENERAL STUDIES DIPLOMA*

The General Studies Diploma is designed for select student-athletes meeting specific criteria and requires approval from an Administrator, College Counselor, Sport Director, and Parent no later than the beginning of a student's senior year. It does not qualify for admission to many universities, including the State University System of Florida.

	IMG ACADEMY	NCAA ELIGIBILITY REQUIREMENTS*	
	20 Credits required for graduation	16 of required 20 for graduation	
SUBJECT	CREDIT	DIVISION I	DIVISION II
English	4 Credits	4 Years	3 Years
Math	3 Credits (includes Algebra I, Geometry, Algebra II)	3 Years (includes Algebra I or higher)	2 Years (includes Algebra I or higher)
Social Studies	2 Credits (includes American History)	2 Years	2 Years
Science	2 Credits (includes Biology)	2 Years (includes 1 lab course)	2 Years (includes 1 lab course)
Additional English, Math, or Science	1 Credit	-	-
Academic Electives	4 Credits (must be NCAA approved)	4 years of additional courses from any area above AND 1 additional year of English, Math, or Science	4 years of additional courses from any area above AND 3 additional years of English, Math, or Science
Additional Courses	4 Credits	-	-

**A fourth year of mathematics and a minimum of two consecutive years of a world language is strongly recommended. Credits are earned and GPA is calculated after each semester.*

FLORIDA HIGH SCHOOL ATHLETIC ASSOCIATION (FHSA) ELIGIBILITY

You must maintain at least a cumulative 2.0 grade point average (unweighted) in order to be eligible to play on any IMG Academy sports team. Grade point averages are reviewed after each semester and coaches are notified of ineligible players. You are permitted to play on an IMG Academy sports team for four years following the completion of eighth grade.

According to FHSA bylaws:

“9.4.1 2.0 GPA **Required for Academic Eligibility.** A high school student must have a cumulative 2.0 grade point average on a 4.0 unweighted scale, or its equivalent, at the conclusion of each semester to be academically eligible during the next semester’s. 1006.15(3)(a)1, Florida Statutes). The grades from all courses required for graduation that a student takes, including those taken by the student before he/she begins high school, must be included in the calculation of the student’s cumulative GPA at the conclusion of the semester.” *2016-17 FHSA Handbook*

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA) ELIGIBILITY

In order to receive an athletic scholarship at an NCAA Division I or II institution, you must register with the NCAA Eligibility Center. You must also meet the NCAA core coursework and testing requirements identified above and satisfy the following conditions:

- Graduate from high school on time (eight consecutive semesters from the start of grade 9)
- Earn 10 of the 16 core courses BEFORE the 7th semester (senior year) of high school
- Earn seven of the 10 courses in English, Math, and Science
- Earn a minimum GPA of 2.3 in core courses on a 4.0 scale
- Retake any courses before the 7th semester. After the 7th semester, none of the first 10 core courses can be replaced.
- Earn a combined SAT score that corresponds with grade point average for Division I schools (see NCAA sliding scale) For more information about NCAA requirements, please visit www.eligibilitycenter.org.

UPPER SCHOOL

TYPICAL FOUR-YEAR ACADEMIC PLANS

Below you will find typical four-year academic schedules for our College Preparatory, Honors, and Advanced Placement tracks. Keep in mind that your individual schedule is determined by your sport, the availability of courses, and your previous academic achievements. The courses and numbers of sections offered are based on student enrollment, and IMG Academy reserves the right to cancel any course for which there is insufficient enrollment. In coordination with the Registrars, College Advisors, and Administrators, you are responsible for making certain you meet academic and NCAA requirements for graduation.

COLLEGE PREPARATORY TRACK

9th Grade	10th Grade	11th Grade	12th Grade
English Survey	World Literature	American Literature	Contemporary Literature
Algebra I	Geometry	Algebra II	Pre-Calculus
World Geography	World History	American History	American Government/ Economics
Biology	Chemistry	Physics	Forensic Science
French I	French II	French III	Art and Technology

HONORS TRACK

9th Grade	10th Grade	11th Grade	12th Grade
Honors English Survey	Honors World Literature	Honors American Literature	Honors British Literature
Honors Geometry	Honors Algebra II	Honors Pre-Calculus	Calculus
World Geography	Honors World History	Honors American History	Honors Psychology
Honors Biology	Honors Chemistry	Honors Anatomy & Physiology	Honors Physics

ADVANCED PLACEMENT TRACK

9th Grade	10th Grade	11th Grade	12th Grade
Honors English Survey	Honors World Literature	AP English Language	AP English Literature
Honors Geometry	Honors Algebra II	Honors Pre-Calculus	AP Calculus AP Statistics
World Geography	AP World History	AP American History	AP European History
Honors Biology	Honors Chemistry	Honors Physics AP Biology AP Chemistry AP Environmental Science	AP Physics AP Biology AP Chemistry AP Environmental Science

Some courses have prerequisites (courses you must take before you can enroll in others). Honors and Advanced Placement courses are available in each subject area. Consult the Course Descriptions section that follows for additional information.

SCHEDULING INFORMATION AND RECOMMENDATIONS

Do not assume that every course you plan to take is NCAA approved. Each school has its own set of approved courses. IMG's NCAA approved courses are identified in the Course Description section of this document. Your counselor or the registrar can assist if you have any questions in this area.

Course/class schedule changes are permitted on a limited basis only, and requests for adding or dropping courses may be made during the first two weeks of the semester. Typically, they are approved due to a conflict with another required course or because a needed course is not offered. They are not approved because you prefer a particular teacher or class period or because you want to be with friends or teammates. If you decide you want to request a change, you must complete a "Schedule Change Form," and submit it to the Registrar for approval. Scheduled classes must be attended until the change has been approved and processed, and you are responsible for checking the status of any requests you make.

TRANSFER CREDITS

Credits may be awarded to student-athletes transferring to IMG Academy from another academic institution. Official transcripts coming directly from the school previously attended must be received and reviewed by the Registrar prior to attendance at the Academy. This is necessary in order to determine eligibility, number of credits earned, and progress towards graduation. Cumulative grade point averages are calculated using BOTH credits transferred in and those earned at IMG Academy.

MY COLLEGE READINESS CHART

USE THIS CHART TO RECORD COURSEWORK TAKEN AND TO PLAN FOR THE FUTURE.

Projected Graduation Date:

GRADE 9

Course _____ Date Completed _____ Grade _____
Credits Earned GPA* _____

GRADE 10

Course _____ Date Completed _____ Grade _____
Credits Earned GPA* _____

GRADE 11

Course _____ Date Completed _____ Grade _____
Credits Earned GPA* _____

GRADE 12

Course _____ Date Completed _____ Grade _____
Credits Earned GPA* _____

SAT Scores _____

ACT Scores _____

*FHSAA Eligibility: GPA 2.0

NCAA Eligibility: 2.3 GPA in Core Courses

Reminder: Credits are earned, and GPA is calculated at the end of each semester.

GRADING

GRADE POINT AVERAGE*

Grade Points

A+ 4.33
A 4.00
A- 3.67
B+ 3.33
B 3.00
B- 2.67
C+ 2.33

Grade Points

C 2.00
C- 1.67
D+ 1.33
D 1.00
D- 0.67
F 0.00

GRADING SCALE

A+ C
A C-
A- D+
B+ D
B D-
B- F
C+ I = Incomplete

Honors Level: additional weight of .50

Advanced Placement (AP): additional weight of 1.00 (Note: Advanced Placement weight and transcript designation do not appear until completion of course AP exam.)

Grades of F receives no additional weight and will remain 0.00.

For additional information regarding GPA, contact your College Counselor.

HONORS COURSES

In order to be eligible for honors-designated courses, you should have earned a B+ or higher (87% - 100%) in the previous subject area course and must receive approval from the course's teacher and an administrator. Honors courses provide highly motivated and academically talented student-athletes with a differentiated curriculum that includes a wider range and greater depth of subject matter than that of standard courses. These courses demand the highest level of participation, effort, and quality. They are rigorous, stress concept development, and typically place an emphasis on critical thinking and research. Additionally, they require you to demonstrate proficiency in the areas of creativity, collaboration, independent analysis, and leadership.

ADVANCED PLACEMENT (AP)

IMG Academy participates in the College Board's Advanced Placement Program. AP courses are offered to student-athletes who are highly motivated and capable of succeeding in college level courses as indicated by earning A (90-100%) in a related Honors course the previous year. Any exceptions must be approved by the course's teacher and an administrator. Additionally, the number of AP courses you can take is restricted to two per year, unless otherwise approved by an administrator. Advanced Placement weight and transcript designation do not appear until completion of the AP course exam. All student-athletes enrolled in an AP course are expected to sit for the exam. If you are enrolled and do not take the exam, the course is recorded as an Honors-level course, and you will receive the associated Honors GPA weight. Enrollees are required to complete a series of summer assignments prior to the first class meeting.

ONLINE COURSES

Online courses are available to you when scheduling conflicts or sport travel demands arise that the traditional IMG Academy program cannot accommodate. Parent/guardian and a school administrator's approval are required for any online course requests, and such requests must be made through the Registrar. You are limited to one online course as part of your regular tuition. Additional courses may be taken for an additional tuition fee. If you face significant travel requirements, you may be eligible for more online courses as part of the regular tuition fee but must complete one course prior to enrolling in another.

The window for withdrawal from any online course without penalty is two weeks from the day classes begin. Taking a course online requires self-discipline, commitment, and absolute academic integrity. It is a privilege to take these courses, and if you choose to enroll, you are responsible for maintaining an appropriate pace and making weekly contact with your online instructors. If you are interested in enrolling in an online course, contact the Academy Online Coordinator through your Academic Affairs Manager.

ADDITIONAL LEARNING SERVICES

Office Hours: Teachers offer academic assistance during regularly scheduled office hours that fall within the school day (Monday - Thursday). This is an excellent time for you to meet with teachers on academic matters.

Evening Study: Evening study is held Monday through Thursday from 6:30 – 8:00 pm for all student-athletes. A number of faculty members from each subject area are available each night to assist you in making up work, preparing for tests, or getting extra help on assignments. Teachers, administrators, or sport representatives reserve the right to require you to report to evening study hours when it is determined such a requirement is in your best interest.

Testing Center: Make-up testing opportunities are available during the school day in the Testing Center. Your teacher must agree to you testing in the Center, and when you arrive, you must have your ID badge for identification.

Private Tutoring: Private one-on-one tutoring is available in most academic subjects offered at IMG Academy, as well in SAT and ACT preparation. Your Academic Affairs Manager can assist you in arranging private tutoring. All tutoring takes place in the Academic Center, and you must bring your own study materials/texts/workbooks. *Additional fees apply.*

SAT/ACT Prep Classes: SAT/ACT prep classes are available Monday through Thursday from 6:30 – 8:00 pm. Prep classes are structured similar to a seated class, whereas timeliness is critical and a computer is necessary.

Learning Resource Center (LRC): The Learning Resource Center (LRC) program is fee-based and is provided for both student-athletes with diagnosed learning differences and those who can benefit from additional supervised learning time. The LRC does not replace private subject area tutoring. Using actual course assignments, students work in small groups to strengthen skills and build conceptual understanding to enhance academic performance. If you enroll in the LRC, you will be assigned a focus teacher, who will coordinate your learning plan and provide support. The focus teacher is responsible for communicating with teachers, parents and other appropriate people regarding your progress. If you are enrolled in the LRC, you will receive scheduled service during your academic day.

NATIONAL HONOR SOCIETY

The National Honor Society (NHS) is a national academic honor organization. You may become eligible for potential NHS membership after completing one semester at IMG Academy, and selection is made between your sophomore and senior years. Society eligibility requirements include a 3.8 or higher cumulative grade point average and approval by faculty and administration. Once eligibility is established, you must write an essay that demonstrates your suitability for membership. Members commit to society ideals through service, leadership, character, and citizenship. Chapter membership includes active involvement in school activities and mandatory community service.

NATIONAL JUNIOR HONORS SOCIETY

The National Junior Honor Society (NJHS) is a middle school organization established to recognize outstanding students that make a positive contribution to school life and communities. The mission of the chapter is to recognize students who excel in scholarship, leadership, citizenship, service, and character. You may become qualified to apply for NJHS membership after completing one semester at IMG Academy. To be eligible for membership you must be a middle school student (grade 6-8) and have obtained a cumulative GPA of 3.5 or higher. Once eligibility is recognized, you will receive an invitation to apply for membership by writing an essay, which will be evaluated by a faculty selection team. Upholding membership requires an ongoing responsibility and active involvement, including attending all mandatory meetings, maintaining the 3.5 GPA, and fulfilling 10 or more hours of approved community service.

A COMMITMENT TO SERVICE & ACTIVE COMMUNITY ENGAGEMENT

Performing volunteer service in the community is highly valued at IMG Academy, and volunteer/community service is considered advantageous when applying for college entrance. Opportunities for service are available to you through IMG Academy and through various outside agencies. If you are pursuing the Florida Academic Scholars Award through the Bright Futures Program, you must complete 75 hours of community service. For more information on Bright Futures requirements, refer to the following website: <http://www.floridastudentfinancialaid.org>.

You also have an open invitation to join one or more on-campus clubs, several of which tie directly to academic courses and programs. Through these clubs, you can apply what you are learning in class to real world issues and enhance your talents and skill levels. These organizations can deepen your understanding of the world around you and introduce you to new and exciting avenues of engagement and expression. For a complete list of campus clubs, contact your Academic Affairs manager.

CODE OF HONOR/ACADEMIC HONESTY

IMG Academy requires you to demonstrate the highest measure of academic integrity. Students who engage in academic dishonesty undermine the educational philosophy at IMG Academy and are subject to strict disciplinary consequences. For additional information, please refer to the student-athlete handbook.

MIDDLE SCHOOL CURRICULUM AND INSTRUCTION

If you are a middle school student-athlete in grades 6-8, the IMG Academy offers you an exemplary learning program designed to meet the wide range of physical, social and intellectual differences that exist among early adolescents. Each year you take courses in Language Arts, Mathematics, Science and Social Studies that meet high academic standards thinking through engaging and challenging experiences. You also choose an elective from World Language, or Art as you expand your understanding of these areas. As an eighth grader you have the opportunity to earn up to 2 high school credits in Mathematics and World Language if you meet prerequisite requirements. English Language Development (ELD) services are available if you are not a native English speaker, and if you have a learning difference or need additional academic support, our Learning Resource Center (LRC) can contribute to our goal of providing an inviting, supportive and safe learning environment.

Course offerings are listed below. Lori Gubernat, Upper School Director, your teachers, and Academic Affairs Managers are available to provide additional information regarding them or any other components of the middle school program.

MIDDLE SCHOOL COURSE DESCRIPTIONS

ENGLISH/LANGUAGE ARTS (ELA)

English/Language Arts (Grade 6)

This course reinforces an understanding of narrative structure through a variety of literary and informational text, recognizing both audience and purpose. It includes the identification of basic themes and supporting textual evidence. The development and application of a formal writing style includes the use of voice in narrative essays, creative writing, and research projects. Additionally, class discussion, speeches and collaborative work strengthen interpersonal and public speaking skills. Throughout the year, the application of contextual vocabulary and language conventions ensures accuracy in written expression. Specifically, this course addresses the recognition of variations from standard written and spoken English and the use of strategies to improve expression in conventional language.

English/Language Arts (Grade 7)

In this course, a variety of literary and informational texts narrative structure and language choices are identified and evaluated. Additionally, the roles of audience and purpose are explored.

Theme is defined and textual evidence is synthesized to create meaningful theme statements.

Building on understanding of devices such as metaphor, simile, personification, symbolism and imagery, learners explore personal voice and style through a variety of modes of communication.

Essay structure, creative writing, poetry, and Cornell note taking are explicitly taught and modeled. In addition, multimedia presentations, class discussion, and collaborative work strengthen interpersonal and public speaking skills. Additionally, contextual vocabulary and language conventions that include parts of speech, punctuation, syntax, and usage are applied to improve accuracy in written expression.

English/Language Arts (Grade 8)

In this course, student-athletes examine narrative structure and language choices in a variety of literary and informational texts, analyzing the role of style, audience and purpose. Building on their understanding of theme by synthesizing and elaborating on textual evidence, learners define concrete connections between texts and the human condition. Working towards a mastery of devices such as metaphor, simile, personification, symbolism and imagery, class members use a variety of modes of communication to express their understanding of texts and ideas studied in class. Literary analysis, creative writing, poetry, and Cornell note taking are explicitly taught, modeled and reviewed. Writing assignments include a research project that synthesizes and integrates multiple sources according to MLA standards. In addition, multimedia presentations, Socratic seminars, class discussion, and collaborative work strengthen student-athletes' interpersonal and public speaking skills.

Honors English/Language Arts (Grade 8)

Prerequisite: Must have earned a B+ (87%-100%) average or higher in the subject area the previous academic year.

This Honors course addresses skills and strategies needed for success in upper school honors and/or advanced placement upper school courses. In this course, student-athletes examine narrative structure and language choices in a variety of literary and informational texts, analyzing the role of style, audience and purpose. Learners delve deeply into literature, searching for complex themes and relationships. Literary analysis, creative writing, poetry, and Cornell note-taking are explicitly taught, modeled and reviewed. Writing assignments include a research project that synthesizes and integrates multiple sources according to MLA standards. In addition, multimedia presentations, Socratic seminars, class discussions, and collaborative work strengthen interpersonal and public speaking skills.

MATHEMATICS

Math (Grade 6)

In this course, students acquire a concrete foundation in number sense associated with positive numbers. A conceptual understanding of the theory and logic behind the use of basic mathematical skills such as calculating with decimals and percentages is covered. Additional areas of study include

statistics and measures of central tendency. Collaborative problem solving plays an integral role in the course and mastery of calculations with fractions, decimals, and percentages is measured through exams, projects, and accountable team tasks.

Math (Grade 7)

This course broadens understanding of integers and rational numbers. Problem solving incorporates proportions, percentages, probability, coordinate geometry, one-step equations, and algebraic symbol manipulation. Learners develop and use strategies to estimate the results of rational number computations and judge the reasonableness of results. Mastery is shown through exams, projects, and accountable team tasks that demonstrate the ability to solve real world problems that require multi-step solutions.

Pre-Algebra (Math 8)

This course provides foundational mathematical knowledge and skills requisite for success in Algebra. It includes calculating with rational numbers, solving multi-step equations, computing with linear equations, graphing linear equations and inequalities, finding slope in different formats, and using these concepts in the study of geometric shapes. Emphasis is placed on the “language” of mathematics and engaging learners in strategic problem solving. Technology plays a critical role in enhancing learning, and real world math application demonstrates the significance of the math-science connection. Learning expectations include the ability to justify solutions, recognize patterns, and draw generalizations.

SCIENCE

General Science (Grade 6)

General Science is a study of a variety of scientific fields and disciplines, which include astronomy, atoms, cells, energy, forces, matter, oceans, and the nature of Science itself. Concepts are addressed through a variety of interactive assignments and projects. Emphasis is placed on personal organization of both assignment schedules and coursework, in addition to independent learning activities. Classroom interactive discussion is paramount, as well as participation in activities and assigned projects. These elements are integrated into the course to provide a broad spectrum of learning opportunities.

Life Science (Grade 7)

Life Science is a study of life and its characteristics, evolution, and environment. The course includes the study of cells, heredity, evolution, animals and their behavior, interactions between organisms, the human body, and the nature of Life Science itself. Concepts are addressed through a variety of interactive assignments and projects. Critical thinking skills are developed and strengthened through in-class discussions, labs, projects, and homework assignments. An additional emphasis is placed on personal organization of both student-athletes’ assignment schedules and coursework, as well as independent learning activities. Classroom interactive discussion is paramount, as well as participation in activities and assigned projects. These elements are integrated into the course to provide a broad spectrum of learning opportunities.

Physical Science (Grade 8)

Physical Science is a study of the properties and composition of matter and forces, motion, and energy. This course stresses knowledge, comprehension, application, analysis, and synthesis of material. The course includes the study of matter, atoms, the periodic table, chemical bonding, forces, motion, energy, magnetism, electricity, and the nature of Science itself. Concepts are addressed through a variety of interactive assignments and projects. Critical thinking skills are developed and strengthened through in-class discussions, projects, and homework assignments. An additional emphasis is placed on personal organization of both student-athletes' assignment schedules and coursework, in addition to independent learning activities. Classroom interactive discussion is paramount, as well as participation in activities and assigned projects. These elements are integrated into the course to provide a broad spectrum of learning opportunities.

Earth/Space Science (Grade 8)

This course is the study of the processes that shape the Earth and explain the universe. It explores the four main branches of Earth Science - geology, oceanography, meteorology, and astronomy. Topics of study include learn the Earth's interior and the theory of plate tectonics, the Earth's systems and their interactions, and current theories that describe the formation of Earth, our Solar System, and the universe. Technology plays a major role in instructional delivery, and students participate in collaboration projects that hold them accountable for both group and individual performance.

SOCIAL STUDIES

World Geography (Grade 6)

This is the first half of a two-year course in which student-athletes gain a firm foundation in understanding global issues within the context of physical and human geography. Learners explore such topics as the role of social media, immigration, trade issues, the effects of aging populations, energy resources and indigenous rights. The course is built around enduring understandings, essential questions, and National Geography standards. It uses engaging resources such as maps, timelines, animations, primary sources, images, and videos. Reading and writing support include guided notes, vocabulary pop-ups, and graphic organizers to enhance understanding of the content.

World Geography (Grade 7)

This is the second half of a two-year course in which student-athletes gain a firm foundation in understanding global issues within the context of physical and human geography. Learners explore such topics as the role of social media, immigration, trade issues, the effects of aging populations, energy resources and indigenous rights. The course is built around enduring understandings, essential questions, and National Geography standards. It uses engaging resources such as maps, timelines, animations, primary sources, images, and videos. Reading and writing support include guided notes, vocabulary pop-ups, and graphic organizers to help enhance understanding of the content.

Middle School American History

This course is a study of the development of the United States within the context of world history, with a major focus on the pre-Reconstruction period. Knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities is accessed. Opportunities are provided for interpreting and creating representations of historical events using mathematical tables, charts and graphs. Knowledge gained is applied in solving problems in academic, civil, social, and employment settings.

WORLD LANGUAGES

Introduction to Spanish, Level A (Grades 6-7)

This course introduces learners to the Spanish language and cultures of the Spanish-speaking world. It covers the first half of high school Spanish I over a full year, allowing for a pace more suited to middle school learners and creating the opportunity for greater depth of coverage. The course includes active engagement in the form of speaking, reading, writing, and listening. In addition to language learning, class members become acquainted with cultural practices, products and perspectives of people in various Spanish-speaking countries.

Introduction to Spanish, Level B (Grades 7-8)

This course is designed to expand on the content covered in level A. It focuses on building grammar and vocabulary skills and requires learners to engage in auditory exercises in order to develop listening and comprehension skills. Written language expectations include short paragraphs with simple sentences. Upon successful completion of Level B, learners advance to high school Spanish level II. This course is offered only to those eighth graders who have taken Spanish previously. **A high school credit is awarded to student-athletes who continue their language learning experience by enrolling in Spanish II.**

Middle School French (Grades 7-8)

This course introduces the French language and cultures of the Francophone World. It is divided into thematic units ranging from greetings to hobbies, animals, shopping and other appropriate topics. It requires participation in simple conversations as well as reading, writing and listening. The course incorporates basic vocabulary and grammar patterns. Proficiency is assessed through listening and reading comprehension, quizzes and tests.

Spanish I (Grade 8)

Placement in this course requires prior approval from the World Languages department chairperson.

See description under Upper School World Languages. Student-athletes completing this course earn one high school Spanish credit.

French I (Grade 8)

Placement in this course requires prior approval from the World Languages department chairperson.

See description under Upper School World Languages. Student-athletes completing this course earn one high school French credit.

English Language Development (ELD)

The ELD program is fee based and focuses on individual English Language Learner (ELL) needs. The integrated and designated instruction provided promotes high levels of English language proficiency in the domains of speaking, listening, reading and writing. Teachers foster the development of both academic language skills and social communication. Core curriculum components support learners in their transition to mainstream classes. For additional information, contact Claude Martin, ELD Department Chairperson.

VISUAL ARTS

Art Foundations (Grades 6-8)

This course introduces drawing, painting, printmaking and three-dimensional art. It emphasizes the creation of art through project-based curriculum and choice-based learning and provides opportunities to explore and experiment with creative art-making processes. Connecting, collaborating and communicating play a major role. Relevant context and understanding are explored through discussions of art in society.

UPPER SCHOOL COURSE DESCRIPTIONS

ENGLISH/LANGUAGE ARTS

English Survey (Grade 9, 1 Credit)

This course introduces student-athletes to literature as an intellectual and cultural experience. It is taught through the analysis of works that reach across cultures and eras. A variety of literary genres are explored and includes drama, poetry, the short story, the epic and the novel. Writing assignments are designed to support student-athletes in the construction of the basic five-paragraph essay and to cover the breadth of personal, professional and creative writing. Multiple oral presentations of original work are required during the year. Additionally, learners analyze, persuade, and reflect in written form. Grammar and usage rules are applied within context.

Honors English Survey (Grade 9, 1 Credit)

Prerequisite: Must have earned a B+ (87%) or higher in their previous subject area course and receive approval from an instructor/administrator.

This honors course provides increased depth and breadth of learning, as it introduces literature as an intellectual and cultural experience. It is taught through the analysis of works that reach

across cultures and time periods. A variety of literary genres is explored, which includes drama, poetry, the short story, the epic, and various novels and novellas. Honors writing skills focus on the breadth of analytical, reflective, personal, professional and creative writing. Knowledge of the basic rules of essay structure, as well as grammar and usage proficiency, are expected prerequisites for this course. Active participation in the class requires engaging in robust and intellectually challenging conversation with classmates in order to acquire a deeper understanding of selected topics.

World Literature (Grade 10, 1 Credit)

This course emphasizes the study and consideration of the literary, cultural and human significance of selected great works of Western and non-Western literary traditions. An important goal is to promote an understanding of the works in their cultural and historical contexts and to recognize the enduring human values that unite different literary traditions. Special attention is given to critical thinking and writing as valuable tools for effective comparative and interdisciplinary literary analysis.

Honors World Literature (Grade 10, 1 Credit)

Prerequisite: Must have earned a B+ (87%) or higher in their previous subject area course and receive approval from an instructor/administrator.

This honors level course is designed for the highly motivated learner with a talent for critical thinking. Although it covers the same concepts and skills as those identified in the World Literature description, this course offers greater depth and complexity and moves at an accelerated pace. This is an interdisciplinary course that works in tandem with AP World History. It uses representative works from eras studied in AP World History and enables students to view time periods through an interdisciplinary lens. The course is research-oriented and integrates literature, archaeology, history and philosophy, as it introduces learners to the effect literature has had on the history of ideas.

American Literature (Grade 11, 1 Credit)

The goal of this course is to increase appreciation and understanding of American literature, as well as to build stronger writers and critical thinkers. It is strongly recommended for those planning to attend college in the United States. The course provides a survey of major American authors, literary movements, and historical periods. Emphasis is placed on reading, analyzing, and discussing American short stories, novels, nonfiction, poetry, and plays. The course also explores readings and related ideas through written assignments that formal responses, literary analyses, research essays, and creative pieces.

Honors American Literature (Grade 11, 1 Credit)

Prerequisite: Must have earned a B+ (87%) or higher in their previous subject area course and received approval from an instructor/administrator.

This survey course requires the highest level of participation, effort and quality. Learners read, analyze, and discuss American short stories, novels, nonfiction, poetry, and plays in order to

increase their ability to analyze text and think critically. They write formal responses, literary analyses, and research essays, as well as create their own narratives, fiction, and poems. Additionally, the nuances of language are introduced and applied through oral and written expression. The course requires the use of elevated vocabulary and strategies of insightful readers, while building capacity to interpret American literature at a more sophisticated level. Expectations include participation in intellectually engaging discourse that strengthens foundational skills and stimulates abstract thinking.

Contemporary Literature (Grades 11-12, 1 Credit)

This course explores various genres from 1945 to the present day through a variety of literary lenses. Student-athletes read, discuss, and write about drama, poetry, novel, graphic novels, creative nonfiction, and the short story. Within these genres, they examine a variety of specific elements associated with structure and style. Advertisement, film, music, and online formats are studied for their use of language in creating new forms and avenues of expression. Writing assignments range from creative response assignments to research, literary analysis and rhetorical writing.

Honors Creative Writing (Grade 12, 1 Credit)

Prerequisite: Must have earned a B+ (87%) or higher in their previous subject area course and received approval from an instructor/administrator.

In this course, student-athletes explore the structures, techniques, and methodologies of both fiction and non-fiction writing through analytical and creative practice. Focusing specifically on the theme of imperialism in literature, learners examine a wide range of stories where they become masters at analyzing works from a writer's perspective whilst also developing their evidence collection, written and oral analysis of information, enhancement of critical thinking skills, and continued improvement in their writing – both academic and creative. Discussions emphasize unpacking elements of selected works (character, setting, point-of-view, narrative voice, dialogue, scene versus narrative, plot, and so on) with the aim of enhancing learning strategies for evaluating, writing, and revising their own written work – both creative and academic. Coupled with literary analysis of fiction and non-fiction, student-athletes also utilize creative writing exercises, workshop sessions and discussions to further develop their communication skills. Class members work to draft, edit and revise academic writings along with creative short stories, poems, and other mediums of literature. Peer-review and workshopping play a key role in developing students' ability to offer and receive feedback that can be used to edit and shape writing ahead of higher education.

Public Speaking (Grade 12, .5 Credit, paired with Sports in Literature)

This course explores realistic approaches to developing skills needed to succeed in communicating with others. It is a project based course that includes examining the psychology of performance, how to organize different types of speaking engagements, the technology and platforms needed to communicate to the public, rhetorical devices to empower ideas, how to give successful interviews and press conferences, and the physiological components of speech. The foundations of public speaking are paired with the components and formats of modern media to create projects for publication that reach a wide ranging audience. We use the organizational skills, rules of grammar and usage, and elements of language consistent with a senior level English course.

Sports in Literature (Grade 12, .5 Credit, paired with Public Speaking)

Sports in Literature explores literature and long-form nonfiction centered around the idea of sport and sport-related issues and themes. In the course, students will read, discuss, and write about novels, creative nonfiction, poetry, and short stories. They will think critically about and explore how literary form, language, and point of view influence sport related stories and their themes. In addition to strengthening students' abilities to read and think more critically, the course will focus on various formats of writing including literature responses, research based writing, and writing for media formats. Students will pair writing with technology and various media formats to create projects for publication that help them better understand how sports are used as a catalyst for revealing the bigger issues within society.

Honors British Literature (Grade 12, 1 Credit)

Prerequisite: Must have earned a B+ (87%) or higher in their previous subject area course and received approval from an instructor.

This is a survey course of British literature, literary movements, and historical periods. It requires reading, discussing and writing about various forms and genres with specific regard to drama, poetry, the novel, and the short story. Time is spent understanding elements of structure and style within these genres. Literary works are examined from the viewpoint of New Historicism, requiring learners to understand the historical context of the time in which each work was written. The course also explores what impact culture has on writing and makes connections to the relevance of these works as they pertain to society today. Writing assignments range from creative responses to research, literary analysis and rhetorical writing.

AP English Language and Composition (Grade 11-12, 1 Credit)

Prerequisite: AP courses are offered to those who are highly motivated and capable of succeeding in college level courses as indicated by earning an A (90% - 100%) in a related course (preferably a related Honors course) the previous year. Any exception must be approved by the course's teacher and an administrator. Enrollees are required to complete a series of summer assignments prior to the first class meeting.

The primary goal of this course is to increase student-athletes' awareness of their role as writer, their audience's expectations, identified subject matter, and the purpose of writing. It is a college-level writing course in which student-athletes hone and polish their reading, writing, and critical thinking skills, while demonstrating learning through written expression. Learners read and critique college-level essays and longer non-fiction works with the aim of increasing their awareness of the myriad ways respected authors effectively employ language and rhetorical tools. They occasionally view films, as well as print and TV commercials. Student-athletes explore their ideas on texts and a wide range of issues through in-class writing and multi-draft persuasive and analytic essays.

AP English Literature (Grade 12, 1 Credit)

Prerequisite: AP courses are offered to those who are highly motivated and capable of succeeding in college level courses as indicated by earning an A (90% - 100%) in a related course (preferably a related Honors course) the previous year. Any exception must be approved by the course's teacher and an administrator. Enrollees are required to complete a series of summer assignments prior to the first class meeting.

AP English Literature is a college-level literature course. It requires careful reading and critical analysis of imaginative literature. Learners deepen their understanding of the ways authors use language to provide both meaning and pleasure for their readers. Class members are expected to explain (through writing assignments and essays) clearly, cogently, even elegantly, their analysis and interpretation of selected literary works.

MATHEMATICS

PLACEMENT TESTS REQUIRED.

Algebra I (8-9, 1 Credit)

Prerequisite: Must have successfully completed a yearlong course in Pre-Algebra or successfully passed the placement test with teacher/administrator recommendation.

Algebra I provides a formal development of the algebraic skills and concepts necessary for success in advanced courses. In particular, this course requires the use of algebraic skills in a wide range of problem-solving situations. The concept of function is emphasized throughout the course. Topics include: (2) operations with real numbers, (2) linear equations and inequalities, (3) relations and functions (4) polynomials, (5) algebraic fractions and (6) nonlinear equations. Real world applications are presented within the course.

Honors Algebra I (Grades 8-9, 1 Credit)

Prerequisite: Must have earned a B+ (87%) or higher in previous subject area course and received approval from an instructor/administrator.

Honors Algebra I provides a formal development of the algebraic skills and concepts necessary for success in advanced courses. In particular, this course provides for the use of algebraic skills in a wide range of problem-solving situations. Five essential components of learning are emphasized in this course; problem solving, visual learning, focused curriculum, interactive learning and differentiated instruction. The course offers pedagogically rich, conceptually rigorous and visually engaging instruction and digs deeply into these concepts to require the use of abstract thinking skills. A discovery learning approach to strengthen reasoning skills.

Geometry (Grades 9-10, 1 Credit)

Prerequisite: Successful completion of Algebra I.

This course explores the basic tenets of Euclidean Geometry. Each lesson begins with an opening theme and explores concepts in different contexts through different media. These investigations require observation and analysis of postulates and theorems. The course makes use of a variety of tools, from hands-on materials such as patty paper, compass and straightedge to more sophisticated mediums, such as the computer software lessons and resources embedded in the online textbook. Each lesson leads to the discovery of the fundamentals of geometric reasoning as it pertains to parallel and perpendicular lines, triangles, quadrilaterals, convex polygons, similar triangles, right triangles and trigonometry, area, volume and circles. Discussion and problem solving techniques that support and utilize the lessons' postulates, theorems and properties are included. Throughout the course, the fundamentals of algebra, coordinate geometry, spatial relationships and real world applications are blended and integrated into the daily practice problems. Lesson format includes group work, investigations, discussions and presentations.

Honors Geometry (Grades 9-10, 1 Credit)

Prerequisite: Successful completion of Algebra I, must have earned a B+ (87%) or higher in previous subject area course and receive approval from an instructor/administrator.

This course explores the basic tenets of Euclidean Geometry. Each lesson begins with an opening theme and explores concepts in different contexts through different media. These investigations require observation and analysis of postulates and theorems. The course makes use of a variety of tools, from hands-on materials such as patty paper, compass and straightedge to more sophisticated mediums, such as the computer software lessons and resources embedded in the online textbook. Each lesson leads to the discovery of the fundamentals of geometric reasoning as it pertains to parallel and perpendicular lines, triangles, quadrilaterals, convex polygons, similar triangles, right triangles and trigonometry, area, volume and circles. Discussion and problem solving techniques that support and utilize the lessons' postulates, theorems and properties are included. Throughout the course, the fundamentals of algebra, coordinate geometry, spatial relationships and real world applications are blended and integrated into the daily practice problems. Lesson format includes group work, investigations, discussions and presentations.

Algebra II (Grades 10-11, 1 Credit)

Prerequisite: Successful completion of Algebra I and Geometry.

The purpose of Algebra II is to provide a foundation for all advanced algebraic courses. It is a continuation of topics covered in Algebra I, with emphasis on complexity and applications. This course blends the concepts and skills that require mastery prior to enrollment in Algebra or Pre-Calculus. Topics covered include the operations and axioms of real numbers; operations with polynomials, exponents, radicals and rationals; the solution and graph of linear, absolute value and quadratic functions; the solution and graph of exponential, logarithmic, rational and radical functions.

Honors Algebra II (Grades 10-11, 1 Credit)

Prerequisite: Must have earned a B+ (87%) or higher in previous subject area course and received approval from an instructor/administrator.

This course blends the concepts and skills that require mastery prior to enrollment in Pre-Calculus Honors. It parallels the curriculum offered in the corresponding regular Algebra II, covers some topics at a deeper level of understanding and incorporates additional topics. Additionally, the course proceeds at an accelerated rate when compared to a general Algebra II course. Higher order thinking is the focus in assignments and assessments. Topics include those covered in Algebra II. Additional areas of study in Honors Algebra II include solving systems of equations involving three variables, quadratic systems, linear programming, applications of linear modeling, quadratic modeling and previewing applications to Chemistry and Physics, introduction to Trigonometry and the Unit Circle.

Statistics (Grades 11-12, 1 Credit)

Prerequisite: Successful completion of Algebra II.

This course is an introduction to descriptive and inferential statistics and presents topics such as measures of central tendency, standard deviation, probability, normal distributions, hypothesis testing, correlation and regression. Emphasis is placed on the application of statistics concepts.

Math for College Readiness (Grade 12, 1 Credit)

This course provides a fourth-year math curriculum focused on developing the mastery of skills identified as critical to postsecondary readiness in math. This course is targeted for students who need to expand their understanding of basic foundational mathematical concepts and processes.

Algebra III with Trigonometry (Grades 11-12, 1 Credit)

Prerequisite: Successful completion of Algebra II.

This course prepares students for College Algebra at the post-secondary level. It focuses on building a solid foundation in Algebra and the basics of Trigonometry. First semester emphasizes polynomial functions, systems of equations, and inequalities. Second semester work includes a sampling of Trigonometry topics that include right triangle trigonometry, trigonometric functions of any angle, graphs of sine, cosine function, identities, the law of sines and cosines, exponential and logarithmic functions. This course demonstrates the role Algebra and Trigonometry play in modeling and solving authentic real-world problems. It builds on the previous courses of Algebra and Geometry and provides opportunities to employ problem-solving skills and critical thinking in an engaging setting.

Pre-Calculus (Grades 11-12, 1 Credit)

Prerequisite: Successful completion of Algebra II with a B+ or higher average or Algebra III and instructor/administrator recommendation.

This course provides a solid foundation in Algebra and Trigonometry in preparation for other courses such as College Algebra, Finite Mathematics, Calculus and/or AP Calculus. The first semester involves a fundamental review of basic algebraic concepts, equations/inequalities, functions and their graphs, polynomials, synthetic division, systems of equations and inequalities and basic conic sections. The second semester begins with an emphasis on Trigonometry, covering the topics of angle measurement, solving right triangles using Trigonometry, trigonometric functions and their graphs, formal Trigonometry proofs, applications of Trigonometry including - Laws of Sine, Cosine and various other Trigonometry functions and their equations. The course concludes with the study of exponential and logarithmic functions and their applications. This course demonstrates the role Algebra and Trigonometry play in modeling and solving authentic real-world problems and provides opportunities to employ problem-solving skills and critical thinking.

Honors Pre-Calculus (Grades 11-12, 1 Credit)

Prerequisite: Must have earned a B+ (87%-100%) average or higher in Algebra II, or a C+ (78%) or higher in Algebra III.

Honors Pre-Calculus is an extensive course that applies knowledge and skills gained in Algebra and Geometry. It parallels the curriculum offered in the corresponding general Pre-Calculus course, covers some topics at a deeper level of understanding, and incorporate additional topics. The Honors course progresses at an accelerated pace in comparison with regular Pre-Calculus course. This course combines the trigonometric, geometric, and algebraic techniques needed for the study of Calculus, and strengthens conceptual understanding of problems and mathematical reasoning in problem solving. Student-athletes are challenged to demonstrate their proficiency both with and without the use of a graphing calculator. Topics such as functions, families of graphs, logarithms, trigonometric functions and identities, systems of equations and inequalities, analytic geometry, limits, and basic derivatives are studied in depth.

Calculus (Grade 12, 1 Credit)

Prerequisite: Successful completion of Pre-Calculus and instructor/administrator recommendation.

This course ties together concepts introduced in Pre-Calculus. Student-athletes must be familiar with the properties and language of functions and the trigonometric functions and must have a record of high performance in previous math courses. Major concepts include limits, derivatives and integrals. Each concept is explored in four different ways: graphically, numerically, algebraically and verbally, emphasizing connections and applications.

AP Calculus AB (Grade 12, 1 Credit)

Prerequisite: AP courses are offered to those who are highly motivated and capable of succeeding in college level courses as indicated by earning an A (90% - 100%) in a related course (preferably a related Honors course) the previous year. Students must have already completed Pre-Calculus Honors or Calculus. Any exception must be approved by the course's teacher and an administrator. Enrollees are required to complete a series of summer assignments prior to the first class meeting.

Calculus AB is roughly equivalent to a **first** semester college calculus course and focuses on topics in differential and integral calculus. Emphasis is placed on understanding the concepts of calculus and providing experience with its methods and applications. The course uses a multi-representational approach to Calculus, with concepts, results and problems being expressed graphically, numerically, analytically and verbally. Technology is used to reinforce the relationships among the multiple representations of functions, to confirm written work, to implement experimentation, and to assist in interpreting results. Through unifying themes of derivatives, integrals, limits, approximation, and applications and modeling, the course becomes a cohesive whole rather than a collection of unrelated topics.

AP Computer Science Principles (Grades 11-12, 1 Credit)

Prerequisite: AP courses are offered to those who are highly motivated and capable of succeeding in college level courses as indicated by earning an A (90% - 100%) in a related course (preferably a related Honors course) the previous year. Any exception must be approved by the course's teacher and an administrator. Enrollees are required to complete a series of summer assignments prior to the first class meeting.

This course introduces computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design. It is engaging and underscores the importance of communicating solutions appropriately and in ways that are relevant to current societal needs.

AP Statistics (Grade 12, 1 Credit)

Prerequisite: AP courses are offered to those who are highly motivated and capable of succeeding in college level courses as indicated by earning an A (90% - 100%) in a related course (preferably a related Honors course) the previous year. Any exception must be approved by the course's teacher and an administrator. Enrollees are required to complete a series of summer assignments prior to the first class meeting.

AP Statistics is equivalent to a college-level statistics class that equips student-athletes with skills and strategies that will allow them to be successful in honors and/or advanced placement upper school courses. The major topics are exploring data, planning a study, anticipating patterns, and statistical inference. The course draws connections from all aspects of the statistical process, including design, analysis, and drawing conclusions. Additionally, using the vocabulary of statistics, this course teaches how to communicate statistical methods, results, and interpretations. Graphing calculators are used and computer output is analyzed in an effort to enhance the development of statistical understanding.

SCIENCE

Biology (Grades 9-10, 1 Credit)

Biology is the study of life and its characteristics, function, evolution and environment. This course stresses critical thinking, problem solving, graph interpretation and laboratory investigation. It includes introductory ecology, biochemistry, cellular structure and function at the molecular level, physiology, genetics, DNA, and evolution. Additional areas of study extend into zoology, botany and classification systems. Concepts are addressed through interactive laboratory events, engaging discussions, and assigned projects.

Honors Biology (Grades 9-10, 1 Credit)

Prerequisite: Successful completion of middle school science with a B+ (87%) or higher and must be enrolled in Algebra 1 concurrently and have Instructor/Administrator approval.

Honors Biology is a rigorous course that prepares student-athletes for a successful transition into AP Biology. This course is recommended for student-athletes wishing to pursue a career in scientific fields including medicine and biotechnology, as well as those with an interest in science, math, or AP science courses. It focuses on the same topics as a standard biology course, but with a more intense pace and in greater depth. The first semester of the course explores topics in ecology, cell biology, and genetics. The second semester features evolution as the unifying theme of biology, using the complexities of the theory, as well as phylogenetics and classification to understand biological diversity. Following the unit on evolution, student-athletes end the second semester with an overview of human anatomy and physiology. Class members have frequent opportunities to explore course content through hands-on activities and laboratory exercises, including dissections. Individual research projects are assigned, guiding student-athletes toward a more complex understanding of emerging questions, techniques, and trends in the field of Biology.

Honors Chemistry (Grades 9-10, 1 Credit)

Prerequisite: Successful completion of Biology/Honors Biology and Algebra I with a B+ (87%) or higher and Instructor/Administrator approval.

This is a rigorous course that prepares student-athletes for a seamless transition into AP Chemistry. The course is recommended for anyone wishing to pursue a career in science or engineering, or anyone with an interest in science, math, or AP science courses. Semester one begins with a brief introduction to chemistry and science lab techniques. The definition of matter, the meaning of chemical names and symbols, and the law of conservation of mass are explored. The periodic table is covered in depth, as well as the modeling of atoms and nuclear reactions. A heavy emphasis is placed on chemical bonding and periodic trends. Lastly, gas laws and temperature conversions conclude the first semester. The second semester consists of writing and balancing chemical equations, stoichiometry, acid-base reactions, and thermodynamics. The second semester concludes with a brief overview of equilibrium concepts and Le Chatelier's Principle. In addition to the content covered, student-athletes explore these concepts with the help of hands-on activities and labs each month. This year-long course offers an opportunity to

review current chemical and energy research and the impact of nuclear chemistry and nuclear energy on society. Additionally, a project is completed each quarter that assists with solidifying some of the more difficult concepts in the course.

Chemistry (Grades 9-10, 1 Credit)

Prerequisite: Successful completion of Biology/Honors Biology and Algebra I with a B+ or higher and Instructor/Administrator approval.

This rigorous course prepares students for a seamless transition into AP Chemistry. The course is recommended for anyone wishing to pursue a career in science or engineering, or anyone with an interest in science, math, or AP science courses. Semester one begins with a brief introduction to chemistry and science lab techniques. The definition of matter, the meaning of chemical names and symbols, and the law of conservation of mass are explored. The periodic table is covered in depth, as well as the modeling of atoms and nuclear reactions. A heavy emphasis is placed on chemical bonding and periodic trends. Lastly, gas laws and temperature conversions conclude the first semester. The second semester consists of writing and balancing chemical equations, stoichiometry, acid-base reactions, and thermodynamics. The second semester concludes with a brief overview of equilibrium concepts and Le Chatelier's Principle. In addition to the content covered, students explore these concepts with the help of hands-on activities and labs each month. This year long course offers an opportunity to explore current chemical and energy research and the impact of nuclear chemistry and nuclear energy on society. Additionally, a project is completed each quarter that assists with solidifying some of the more difficult concepts in the course.

Honors Physics (Grades 11-12, 1 Credit)

Prerequisite: Successful completion of Biology, Chemistry, Algebra II

Physics provides a platform from which to develop higher order critical thinking skills through problem solving and the physical analysis of common situations. It makes connections between the concepts of physics and the concrete world. Comparisons are often made to real life examples, especially as they pertain to the world of athletics. The concepts introduced in Physics are reinforced with hands-on classroom activities and demonstrations, as well as formal labs. Integrated digital learning is used in the classroom in order to reinforce concepts. Together, these methods create a learning environment in which student-athletes develop valuable cognitive skills that enrich their understanding of the world around them.

Environmental Science (Grades 11-12, 1 Credit)

Prerequisite: Successful completion of Biology and Chemistry

This interdisciplinary course focuses on the relationship between human populations and the environment. Course topics include ecosystems, human population growth, biodiversity, pollution, global warming, food production, nonrenewable and renewable energy resources, sustainability, biological hazards, and human health. Students-athletes participate in labs and research projects in which they apply their understanding of environmental concepts to identify and analyze solutions to pressing environmental concerns.

Forensic Science (Grades 11-12, 1 Credit)

Prerequisite: Successful completion of Biology and Chemistry.

Forensic Science focuses on the application of science to those criminal and civil laws that are enforced by police agencies in a criminal justice system. This rigorous course applies important concepts in physics, chemistry, biology, and the nature of science itself. This is a laboratory-based course that identifies the avenues through which science applies to the law. Student-athletes learn to use the scientific method to solve legal problems. They are exposed to the techniques, skills, and innovation being used in the modern crime laboratory such as observation, classification, comparison, proper units, conversions, dimensional analysis, critical thinking, data collection, process, analysis, interpretation, scientific method, and real crime scene scenarios. Additional course topics include crime scene evidence and lab analysis techniques such as chromatography, DNA analysis, fingerprinting, and fiber analysis. Lastly, mock crime scenes are investigated and real case studies analyzed.

Marine Science (Grades 11-12, 1 Credit)

Prerequisite: Successful completion of Biology and Chemistry

The purpose of this course is to provide an overview of the marine environment, the organisms that inhabit that environment and the interactions that take place there, with an emphasis on experiences that focus on personal organization, cooperative learning, critical thinking and independent learning. The course includes the study of marine ecosystems, geology of the ocean floor, the physical and chemical properties of water as it relates the marine environment and a look at the various phyla of living organisms that inhabit the coastal and marine ecosystems. Classroom discussions, lectures, lab, and hands-on activities are integrated into the course to provide a broad spectrum of learning of opportunities. Student-athletes engage in field labs that include visits to local estuaries, bays, mangroves and ocean beaches.

Honors Anatomy & Physiology (Grades 11-12, 1 Credit)

Prerequisite: Successful completion of Biology and Chemistry with a B+ (87%) or higher average in both courses.

This is a laboratory-based course that investigates the structure and function of the human body. The Honors level is designed for the highly motivated student who has demonstrated proficiency in scientific thinking. It offers considerable depth and complexity. Student-athletes participating must utilize highly developed organizational skills, advanced level thinking skills, and sophisticated cognitive learning strategies. Topics covered include the organization of the human body; biochemical composition; and major body systems, along with the impact of diseases on certain systems. Students-athletes participate in many discussions and address topics that lead to a comprehensive understanding of the structure and function of the human body, while discovering ways in which the body systems are interrelated. Specific details of each of the major body systems are introduced; and learners are engaged through case studies, power point presentations, independent projects, research, gross anatomical dissections and labs. The comprehensive study covers the following topics: body organization, homeostasis, cytology,

histology, and the integumentary, skeletal, muscular, digestive, and nervous systems, as well as sexual reproduction. Additionally, medical ethics discussion-based subjects include: right to die, the use of medical marijuana and stem cell research.

Robotics (Grades 11-12, 1 Credit)

Prerequisite: Successful completion of Biology and Algebra II.

This course provides an introduction to robotics to learners with no programming background using LEGO MINDSTORMS EV3 kits. Student-athletes work in teams to design, build, and document their progress. Topics include motor control, gear ratios, torque, friction, sensors, timing, program loops, logic gates, decision-making, timing sequences, propulsion systems, and binary number systems. Enrollees learn to construct, control, and program robots through investigation and exploratory activities. Research projects provide exposure to the engineering process.

AP Biology (Grades 11-12, 1 Credit)

Prerequisite: AP courses are offered to those who are highly motivated and capable of succeeding in college level courses as indicated by earning an A (90% - 100%) in a related course (preferably a related Honors course) the previous year. Any exception must be approved by the course's teacher and an administrator. Enrollees are required to complete a series of summer assignments prior to the first class meeting.

AP Biology is a laboratory-based science emphasizing the process of scientific investigation through the study of living things -- both at the gross and molecular level. An understanding of the cell, the basic unit of life, is systematically developed beginning with the study of the nature of the cell and progressing through the study of DNA and heredity. Additionally, a detailed study of the six kingdoms of living organisms is conducted. The course focuses on the four overarching concepts of biology that include the process of evolution as it drives the diversity and unity of life; the ways in which biological systems utilize free energy and molecular building blocks to grow, to reproduce, and to maintain dynamic homeostasis; how living systems store, retrieve, transmit, and respond to information essential to life processes; and how biological systems that possess complex properties interact with one another. Student-athletes are encouraged to think critically about the interaction of living organisms, their dependency on one another and how easily their often-fragile interdependence can be disrupted.

AP Chemistry (Grades 11-12, 1 Credit)

Prerequisite: AP courses are offered to those who are highly motivated and capable of succeeding in college level courses as indicated by earning an A (90% - 100%) in a related course (preferably a related Honors course) the previous year. Any exception must be approved by the course's teacher and an administrator. Enrollees are required to complete a series of summer assignments prior to the first class meeting.

AP Chemistry is designed to be the equivalent of a general chemistry course taken within the first year of college. Student-athletes develop advanced inquiry and reasoning skills, apply mathematical

routines, collect and analyze data, and connect concepts in and across multiple domains. Semester one begins with a short review of Chemistry I topics (matter, atoms, molecules, ions, and stoichiometry). Aqueous reactions and stoichiometry concepts are covered, along with periodicity, bonding, and molecular geometry concepts. Semester one concludes with intermolecular forces, gas laws, kinetics, and chemical and solubility equilibria concepts. Semester two begins with Acid Base Equilibria and is followed by buffers and acid base titrations, thermodynamics, and electrochemistry concepts. All content for the AP Exam is covered in the first three quarters, with the fourth quarter designated as review for the AP Exam, which is scheduled in early May. After the AP Exam in May, students-athletes complete a research project and explore current topics in chemical and energy research. Each quarter, student-athletes complete four units, with four unit exams. Typically, a single unit is covered in about 1.5 weeks. Labs are completed within each unit to help solidify content. Semester one culminates with a midterm exam, and semester two final exam is project-based.

AP Physics (Grades 11-12, 1 Credit)

Prerequisite: AP courses are offered to those who are highly motivated and capable of succeeding in college level courses as indicated by earning an A (90% - 100%) in a related course (preferably a related Honors course) the previous year. Any exception must be approved by the course's teacher and an administrator. Enrollees are required to complete a series of summer assignments prior to the first class meeting.

AP Physics is an Algebra-based course in general physics. The topics presented in this course closely follow those outlined by the College Board and reflect an introductory level of college physics. Student-athletes have the opportunity to meet the College Board learning objectives of this course in a variety of ways and to apply their knowledge to real world experiences and societal issues. Instructional time involves a variety of student-centered activities in which students have the opportunity to work collaboratively in solving challenging problems and to present their solutions to the class. During class sessions, connections to the world are explored through discussions, group projects, laboratory experiments, and class demonstrations.

AP Environmental Science (Grades 11-12, 1 Credit)

Prerequisite: AP courses are offered to those who are highly motivated and capable of succeeding in college level courses as indicated by their performance in a related course (preferably a related Honors course) the previous year. Candidates for AP Environmental Science must have completed Algebra II, Biology, and Chemistry with an average grade of 85% or higher in each course. Any exception must be approved by the course's teacher and an administrator. Enrollees are required to complete a series of summer assignments prior to the first class meeting.

This course is the equivalent of a one-semester, introductory college course in environmental science. The goal of the AP Environmental Science course is to provide student-athletes with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems and to examine alternative solutions for resolving or preventing them.

SOCIAL STUDIES

World Geography (Grade 9, 1 Credit)

This course addresses the utilization of physical and cultural perspectives to examine people, places and environments at local, regional, national and international levels. It examines the influence of geography on the events of the past and present with a focus on contemporary issues. Particular emphasis is placed on understanding and applying geographic concepts and skills to student-athletes' daily lives.

Honors World Geography (Grade 9, 1 Credit)

Prerequisite: Must have earned a B+ (87%) or higher in previous subject area course and received approval from an Instructor/Administrator.

Honors World Geography is a unit-based course that covers major political, social, cultural, economic and technological themes of different regions in the world. It builds an understanding of physical and human geography, diverse cultures, how people react to their environment, society, and lifestyle. This information is conveyed through critical thinking and problem solving experiences, the use of map skills, and collaborative learning tasks. Real world applications and connections are included and are based on units of study. This course focuses heavily on the synthesis of information in the form of DBQs, along with primary and secondary sources. Student-athletes are required to demonstrate higher level thinking and advanced writing skills. The course is challenging and demanding; therefore, commitment is essential for success. It moves at a more accelerated pace; therefore, student-athletes must maintain a high level of performance and submit all assignments in a timely manner.

AP Human Geography (Grade 9, 1 Credit)

Prerequisite: AP courses are offered to those who are highly motivated and capable of succeeding in college level courses as indicated by earning an A (90% - 100%) in a related course (preferably a related Honors course) the previous year. Any exception must be approved by the course's teacher and an administrator. Enrollees are required to complete a series of summer assignments prior to the first class meeting.

The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. It employs spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. The methods and tools geographers use in their research and applications are employed, and the curriculum reflects the goals of the National Geography Standards (2012).

World History (Grade 10, 1 Credit)

This survey course explores the key events and global historical developments that have shaped today's world. It addresses all aspects of human experience: economics, science, religion, philosophy, politics & law, military conflict, literature & the arts. Additionally, the course identifies patterns of behavior, documents historical trends and themes, explores historical

movements and concepts, and tests theories. Primary and secondary source material is used to enhance the skills of reading for comprehension and critical analysis; summarizing, categorizing, comparing, and evaluating information; writing clearly and convincingly; expressing facts and opinions orally; and using technology appropriately to present information. Opportunities are provided for using graphs, charts and tables to analyze and interpret the global impact of historical events.

Honors World History (Grade 10, 1 Credit)

Prerequisite: Must have earned a B+ (87%) higher in previous subject area course and received approval from an Instructor/Administrator

Although it covers the same concepts and skills as those identified in the World History description, this course offers greater depth and complexity and moves at an accelerated pace. It demands the highest level of participation, effort, and quality. The rigorous curriculum stresses concept development and typically places emphasis on independent study, critical thinking and student research. The effective use of creativity, collaboration, independent analysis, leadership, and highly developed intellectual skills is required.

AP World History (Grade 10, 1 Credit)

Prerequisite: AP courses are offered to those who are highly motivated and capable of succeeding in college level courses as indicated by earning an A (90% - 100%) in a related course (preferably a related Honors course) the previous year. Any exception must be approved by the course's teacher and an administrator. Enrollees are required to complete a series of summer assignments prior to the first class meeting.

AP World History takes a global approach to the voluminous history of the human world through five major themes: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflicts; creation, expansion, and interaction of economic systems; and development and transformation of social structures. Expectations include the mastery of historical knowledge and critical thinking skills needed to evaluate historical evidence, the ability to compare development in different regions and time periods, and the development of a coherent worldview of our past. Learning involves the analysis of patterns of change and continuity over time.

American History (Grades 11-12, 1 Credit)

This course surveys United States history by themes, from its discovery to the present day and focuses on the analysis of significant political, socioeconomic and cultural developments in American History. Ideas and institutions are evaluated in relation to global history, including perspectives in the context of social, political, religious and intellectual traditions. Writing assignments and collaborative peer interaction provide opportunities to demonstrate an understanding of how the past relates to the present and future.

Honors American History (Grades 11-12, 1 Credit)

Prerequisite: Must have earned a B+ (87%) or higher average in previous subject area course and received approval from an Instructor/Administrator.

This honors level course is designed for the highly motivated learner with demonstrated proficiency for social scientific thinking. It offers greater depth and complexity than the general level course and moves at an accelerated pace. It covers major political, social, cultural, economic and technological themes of periods in America's past.

AP American History (Grades 11-12, 1 Credit)

Prerequisite: AP courses are offered to those who are highly motivated and capable of succeeding in college level courses as indicated by earning an A (90% - 100%) in a related course (preferably a related Honors course) the previous year. Any exception must be approved by the course's teacher and an administrator. Enrollees are required to complete a series of summer assignments prior to the first class meeting.

This course concentrates on the investigation of significant events, individuals, developments and processes in nine historical periods from approximately 1491 to the present. Expectations include the development and use of the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about conceptualization, causation, and continuity and change over time. Learning experiences focus on seven themes: American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society. Student-athletes develop the skills necessary to make informed decisions and to present reasons and evidence clearly and persuasively in essay format.

American Government (Grades 11-12, .5 Credit)

This course explores the governing principles and institutions of the American system of government in their historical context. It addresses the role the US Constitution plays in sustaining American democracy. Popular sovereignty, separation of powers, checks and balances, republicanism, federalism, and individual rights are examined. Additionally, it assesses both the strengths and challenges associated with the American system of government in today's world.

Economics (Grades 11-12, .5 Credit)

This engaging, immersion course introduces the manner in which individuals and nations make choices regarding the effective and ineffective use of scarce resources. It requires the application of basic principles and theories to practical simulations and relevant real-life case studies. Objectives focus on scarcity and opportunity cost, economic systems, the US free enterprise system, supply and demand (microeconomics), International Trade (macroeconomics), business structures and personal finance. Additionally, it provides an introduction to the advanced study of microeconomics and macroeconomics.

Law in Society (Grades 11-12, 1 Credit)

This course provides practical information and problem solving opportunities that build the knowledge and skills base necessary for success in our law-oriented society. The course includes case studies, moot courts, role-plays, small group exercises, and visual analysis activities. Students are required to engage in rigorous and complex higher order thinking that is demonstrated through both traditional and alternative forms of assessment.

Honors Psychology (Grades 11-12, 1 Credit)

Prerequisite: Must have earned a B+ (87%-100%) average or higher in previous social studies course. Preferred completion of Biology with an 85% or above.

This course is designed to introduce the principles on which the study of psychology is built. It takes a holistic approach to fostering an understanding of human behavior and mental processes. Areas explored include: the history of psychology, psychological research methods, biological foundations of behavior, states of consciousness, cognitive psychology, learning memory, social psychology and abnormal psychology. Material presented reflects the discipline's increasing concern with cultural, gender, racial and ethical issues. Learner expectations include active involvement in every class, which involves participating in experiments, engaging in group work, creating projects, orally presenting reasoned opinions, writing essays, conducting research and learning how to apply psychological concepts in daily life.

Politics and International Relations (Grades 11-12, 1 Credit)

This course introduces the current political landscape in America and addresses matters concerning security, diplomacy and power relations among nations. Major domestic topics focus on elections and the political agendas of the two major American political parties. The course also includes the study of the changing nature of alliances among nations in the 21st Century and the role of the United States in dealing with significant international issues, such as Iran's nuclear program and the rise of China as a global economic power.

AP European History (Grades 11-12, 1 Credit)

Prerequisite: AP courses are offered to those who are highly motivated and capable of succeeding in college level courses as indicated by earning an A (90% - 100%) in a related course (preferably a related Honors course) the previous year. Any exception must be approved by the course's teacher and an administrator. Enrollees are required to complete a series of summer assignments prior to the first class meeting.

The study of European history since 1450 introduces the cultural, economic, political, and social developments that played a fundamental role in shaping today's world. Without this knowledge, learners would have no context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of AP European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing.

AP Macro and Micro Economics (Grades 11-12, 1 Credit)

Prerequisite: AP courses are offered to those who are highly motivated and capable of succeeding in college level courses as indicated by earning an A (90% - 100%) in a related course (preferably a related Honors course) the previous year. Candidates for AP Economics must have earned a 90% or higher in Algebra II. Any exception must be approved by the course's teacher and an administrator. Enrollees are required to complete a series of summer assignments prior to the first class meeting.

AP Economics is a yearlong course divided into two semesters: AP Microeconomics and AP Macroeconomics. In Microeconomics, emphasis is placed on gaining a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. In Macroeconomics, the focus is on the principles of economics that apply to an economic system as a whole. The course stresses the significance of national income and price-level determination and develops familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics.

WORLD LANGUAGES

PLACEMENT TESTS REQUIRED.

Spanish I (Grades 9-10, 1 Credit)

Spanish I is an introductory course that integrates listening, reading, writing and speaking. It focuses on the process of active learning and contributes to the development of both oral and written proficiency. Student-athletes engage in conversation and develop skills for writing simple sentences describing daily life situations and personal information. Through a variety of materials, such as documents, articles and video, student-athletes explore both language and the rich cultural heritage of the Hispanic world.

Spanish II (Grades 9-10, 1 Credit)

Spanish II is an intermediate level course that helps student-athletes communicate effectively regarding many aspects of daily life. After reviewing concepts and content covered in Spanish I, learners are able to apply Spanish I material in more communicative contexts, describe past events and talk about the future. The skills of listening, speaking, reading, and writing, are reinforced as student-athletes increase their understanding of the culture of the Spanish-speaking world and advance proficiency. Fiction and non-fiction literature serve as the foundation for vocabulary, grammar and pronunciation development. Active class participation and study outside of class are crucial components of success in this course.

Honors Spanish III (Grades 10-11, 1 Credit)

Spanish III is an honors level course designed to build on student-athletes' previous experience in Spanish. The curriculum is designed to add depth and complexity to the foundational skills

acquired in previous courses. The course focuses on expanding vocabulary, learning more complex grammatical structures, and deepening cultural perspectives of Hispanic cultures throughout the world. While this class emphasizes conversational skills, language proficiency is also assessed through reading, writing, and listening. This course is frequently conducted in Spanish.

Honors Spanish IV (Grades 11-12, 1 Credit)

Spanish IV prepares students to communicate through a variety of activities. Learners develop higher-level skills in understanding Spanish and express themselves in both speaking and writing. Through authentic literature, the student-athletes use a variety of strategies to develop their reading comprehension and improve their oral proficiency. Knowledge of the rules of grammar and usage are stressed through context. The student-athletes also interpret, analyze and develop their critical thinking skills through the study of short stories, short films, and other written works. This is an immersion course and is conducted completely in Spanish.

AP Spanish (Grades 11-12, 1 Credit)

Prerequisite: AP courses are offered to those who are highly motivated and capable of succeeding in college level courses as indicated by earning an A (90% - 100%) in a related course (preferably a related Honors course) the previous year. Any exception must be approved by the course's teacher and an administrator. Enrollees are required to complete a series of summer assignments prior to the first class meeting.

AP Spanish is an immersion course, conducted completely in the Spanish language. Students gain insight into various cultures and an appreciation for cultural perspectives and practices. They are asked to identify their own cultural values and compare them to the values of a target culture. A participation grade is given based on students' ability to use Spanish effectively when interacting with their classmates and engaging in academic discourse. Content and skill objectives make this course as rigorous as a third year language course at the university level. Students use the three modes of communication (interpretive, interpersonal, and presentational) in written and spoken contexts and apply knowledge gained from audio and visual resources to support both written and spoken theses. Additionally, they analyze authentic texts and interact with editorial writing.

French I (Grades 8-9, 1 Credit)

French I is an introduction to French. Student-athletes develop basic listening, reading, writing, and speaking skills in French, while exploring the rich cultural heritage of the French-speaking world.

French II (Grades 9-10, 1 Credit)

French II is an intermediate level course that helps student-athletes communicate and express themselves effectively in many aspects of daily life. After reviewing, learners are able to apply French level I material in more communicative contexts and then describe past events and talk about the future. The four skills: listening, speaking, reading, and writing, are reinforced as student-athletes continue to build on their understanding of the cultures of the French-speaking world.

French III (Grades 10-12, 1 Credit)

This course builds student-athlete competencies in the areas of reading, writing, listening and speaking through interpersonal, interpretive, and presentational activities. During the year, student-athletes discover products, perspectives and practices from the French-speaking world. A variety of resources are incorporated, such as literature excerpts, DVD's, press articles and websites.

Honors French III (Grades 10-11, 1 Credit)

This course is an honors level study of French and Francophone cultures. Student-athletes develop reading, writing, listening and speaking skills through interpersonal, interpretive, and presentational activities. Throughout the year, the student-athletes discover products, perspectives, and practices from the French-speaking world. The instructor uses critical thinking activities to help student-athletes recognize and experience culture and language. Group activities include dialogues, role-play, digital presentations and ongoing questions/answers in French in order to improve fluency. A variety of resources are incorporated, such as literature excerpts, DVDs, press articles, and websites.

Honors French IV (Grades 11-12, 1 Credit)

This course is an advanced honors study of French and Francophone cultures. Student-athletes refine language skills needed to advance to the next level of proficiency. They communicate in French during each class as they study a variety of communicative topics. Throughout the year, important aspects of the French language and culture and of the French-speaking world are introduced. Thematic chapters and grammatical concepts are reinforced with the three modes of communication: interpretative, interpersonal, and presentational. This course incorporates literature, extensive writing, and improvisational and presentational speaking. The course provides the opportunity to advance French language skills and improve proficiency in cultural competency.

ENGLISH LANGUAGE DEVELOPMENT

The ELD program is fee based and focuses on the individual English Language Learner (ELL) needs. The integrated and designated instruction provided promotes high levels of English language proficiency in the domains of speaking, listening, reading and writing. Teachers foster the development of both academic language skills and social communication. Core curriculum components support learners in their transition to mainstream classes. For additional information regarding placement assessment, contact Claude Martin, ELD Department Chairperson.

FINE ARTS

Interdisciplinary Arts (Grades 9-12, 1 Credit)

Designed to inform and inspire innovative experimentation in the area of the Interdisciplinary Arts, this course provides the opportunity to develop expertise in areas spanning written, visual, performance, sound, video, digital and technological arts while responding to the constantly evolving world of contemporary arts practice. The course involves combining knowledge from multiple disciplines and other educational fields, through research, critical thinking, participatory,

collaborative and team-teaching educational approaches that will result in experiencing new processes and modes of artistic and intellectual expression. This course provides a shared commitment to critical thinking, participatory and collaborative education.

2D Art Foundations (Grades 11-12, 1 Credit)

2D Art Foundations introduces the key concepts and techniques relevant to critically engaging within two-dimensional disciplines. Through a series of guided investigations and a survey of pertinent art historical movements, it examines formal, creative, and conceptual aspects of drawing, printmaking, photo-editing, graphic design, and painting. Designed principally for learners with little or no experience, it emphasizes learning to create, interpret and evaluate works of art. As a studio course, it gives hands on access to materials and methods necessary for visual communication, creative processes and artistic thinking.

3D Art Foundations (Grades 11-12, 1 Credit)

This course introduces key concepts and techniques relevant to critically engaging within three-dimensional disciplines. Through a series of guided investigations and a survey of pertinent art historical movements, it examines formal, creative, and conceptual aspects of construction, carving, casting and assemblage. Designed principally for learners with little or no experience, students learn to create, interpret and evaluate sculptural works of art. As a studio course, it provides hands-on access to materials such as wood, plaster, cardboard, clay, and methods necessary for visual communication, creative processes and artistic thinking.

AP 2D Design (Grades 11-12, 1 Credit)

Prerequisite: AP courses are offered to those who are highly motivated and capable of succeeding in college level courses as indicated by earning an A (90% - 100%) in a related course (preferably a related Honors course) the previous year. Any exception must be approved by the course's teacher and an administrator. Enrollees are required to complete a series of summer assignments prior to the first class meeting.

Designed to encourage serious artistic development, this course expands on skills gained in Art Foundations, or equivalent introductory art courses, while emphasizing the practical applications of artistic pursuits. It emphasizes independent work and learning how to generate ideas, documenting progress and completed work. Throughout the year, three portfolios are generated for AP College Board evaluation. The first portfolio consists of twelve works demonstrating mastery of formal comprehension and skills. The second consists of twelve similar works exploring a common theme or aesthetic. The third includes five original works taken from the first two previously mentioned portfolios and seeks to demonstrate quality. This final portfolio of five are packaged and sent to the AP College Board for closer inspection. Sketchbook are kept and require three to four hours a week outside of class in order to complete the necessary work.