



MORGAN PARK  
HIGH SCHOOL

# STUDENT CURRICULUM AND PLANNING GUIDE 2017-18

## Morgan Park High School Mission Statement

We are an International Baccalaureate high school committed to academic and social excellence for all students through the implementation of its rigorous and diverse curriculum and assessment. We strive to create an atmosphere of mutual responsibility among students, faculty, staff, parents, and the community. We aim to develop globally responsible citizens, who are knowledgeable, open-minded, caring, and principled thinkers.



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## **Academic Department Chairs**

Ms. Sara Harton, Math Department Chair  
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Ms. Christina Arthur, World Language Department Chair  
Ms. Kandice Morgan, Librarian  
Ms. Amy Powell, Science Department Chair  
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## **Coordinators**

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Mr. Tim Gronholm, IB MYP Coordinator  
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Ms. Deborah Dunbar, Attendance Coordinator  
Ms. Elizabeth Pizza, Case Manager  
Mr. Willie Taylor, Technology Coordinator  
Mr. Lance Irvin, Dean of Students  
Ms. Linda Lewis-Banks, Business Manager

## **Counseling Team**

Ms. Karina Rice, Counseling Chair  
Ms. Ellen Bedore, Counselor  
Ms. Rosalind Scaife, Counselor

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## OVERVIEW

Morgan Park High School is a neighborhood school within the Chicago Public School system. MPHS offers a rigorous [International Baccalaureate](#) college preparatory curriculum to all students, including 7<sup>th</sup> and 8<sup>th</sup> grade students in the Academic Center. Approximately 60 students enter the Academic Center Program, after special application and entrance testing. Morgan Park High School is fully accredited by the State of Illinois and AdvancED accreditation board.

Information in this Curriculum and Planning guide is designed to assist the student and parents when choosing subjects for the next school year. The student's Four-Year Plan, which is updated each year by the student and counselor, should reflect the student's future plans, specific abilities, credit accomplishments, testing levels and graduation requirements. The student's future plans will determine which of the suggested course of study should be used to choose electives.

We encourage students and their parents to read and discuss the information in this guide. If you have any questions, please consult with your division teacher and/or counselor. ***While reviewing the booklet, the MPHS graduation requirements should be compared to the student's current transcript of courses successfully completed towards graduation.*** Such review will help to clarify course selections for the following school year.

Students applying to college must be aware of several factors which influence decisions on their acceptance. When applying for college there are several items that are of major consideration. Some of the more important factors are include cumulative grade point average (GPA), rigor of course work, participation in extra-curricular activities, and letters of recommendation from classroom teachers and counselors.

## GENERAL ACADEMIC INFORMATION

The Chicago Public Schools requires that each high school student complete twenty-four units of study to qualify for graduation (Appendix A). Additionally, certain state requirements must be fulfilled, such as Drivers Education, Health, Consumer Education, and Public Law 195. This year, Illinois also requires that all students take the SAT exam. Forty hours of project-based community service during a student's four years is also a CPS requirement, with twenty to be completed by the start of a student's junior year.

The students at Morgan Park High School are given an eight-period day, including division, which meets once a week. As a result, s/he will accumulate an additional three units of study as electives in four years and should graduate with twenty-seven units (Appendix A). These extra classes may be utilized in a career path program or as accelerated/advanced classes for college.

## SPECIALIZED PROGRAMS

Admission requirements at most Illinois universities (Appendix B) are fairly consistent with the CPS graduation requirements. However, specialized programs within a high school additionally prepare a student for a specific course of study the student might take while in college. The specialized programs at Morgan Park High School include:

### **7<sup>th</sup> and 8<sup>th</sup> Grade Academic Center**

Morgan Park High School's Academic Center (AC) is a six-year, college preparatory program for gifted and talented students. The curriculum is designed to allow highly motivated students to complete elementary curriculum early, taking high school courses while in 7th and 8th grades. Students who are eligible will take Advanced Placement and college level courses as early as 10th grade. AC students are eligible for the International Baccalaureate Diploma Programme or the International Baccalaureate Career-Related Programme. Because this program is open to students across Chicago, students must apply through the [Office of Access and Enrollment](#).

### **Wall-to-Wall IB MYP College Prep**

All students in 9th and 10th grades will be enrolled in International Baccalaureate Middle Years Programme (IBMYP) courses. The [IBMYP](#) curriculum aims to help students develop their personal understanding, their emerging sense of self, and responsibility in their community. Each year, students in the MYP also engage in at least one collaboratively planned interdisciplinary unit that involves at least two subject groups. IBMYP students also complete the Personal Project, a long-term project, where they decide what they want to learn about, identify what they already know, discovering what they will need to know to complete the project, and create a proposal or criteria for completing it. As they move into the 11<sup>th</sup> and 12<sup>th</sup> grades, students have the option of staying in the College Prep program, or choosing to pursue either the International Baccalaureate Diploma Programme (IBDP), or the International Baccalaureate Career-Related Programme (IBCP). Detailed descriptions for IBDP and IBCP are below.

### **International Baccalaureate Middle Years Programme (IBMYP)** **Cohort**

[IBMYP](#) cohort students follow the same curriculum as our Wall-to-Wall IB MYP College Prep students, but because this programme is open to students across Chicago, students must apply through the [Office of Access and Enrollment](#).

### **International Baccalaureate Diploma Programme (IBDP)**

The [International Baccalaureate Diploma Programme](#) is a rigorous academic programme emphasizing mathematics, science, philosophy, history, English, arts, psychology, and world languages during students' 11<sup>th</sup> and 12<sup>th</sup> grade years. This two-year programme is a continuation of the IBMYP, and students must continue to demonstrate outstanding academic achievement and meet all the requirements for the programme. All IBDP candidates engage in the study of languages, science, math and humanities. During that time, students learn how to

analyze and how to reach considered conclusions about people, their languages and literature, their ways in society, and the scientific forces of the environment. At the end of their senior year, students sit for subject exams which can earn them numerous hours of college credit. Because of the rigorous nature of the programme and the high level of analytical work, IBDP students are well-prepared for college academics.

### **International Baccalaureate Career-related Programme (IBCP)**

The [International Baccalaureate Career-related Programme](#) is a framework of international education that incorporates the vision and educational principles of the IB into a unique two-year programme specifically developed for 11<sup>th</sup> and 12<sup>th</sup> grade students who wish to engage in career-related learning. The IBCP curriculum helps students to prepare for effective participation in life, fostering attitudes and habits of mind that allow them to become lifelong learners and to get involved in learning that develops their capacity and will to make a positive difference. This flexible educational framework allows schools to meet the needs, backgrounds and contexts of students. IBCP students undertake a minimum of two IB Diploma Programme (DP) courses, a core consisting of four components and a career-related study.

### **World Language and International Studies (WLIS)**

The Morgan Park High School World Language and International Studies program is an academically enhanced program at Morgan Park. The emphasis in the program is fluency in a foreign language, along with the development of international communication skills and understanding. WLIS students must demonstrate both the interest and the academic capability needed to complete the required program courses successfully. In addition to CPS high school graduation requirements, WLIS students are required to take four years of the same foreign language, four years of social studies, and a minimum of two Advanced Placement courses.

WLIS is open to all applicants who reside in the City of Chicago, have demonstrated high academic achievement and who meet all other entrance requirements. *WLIS is not an Options for Knowledge Program.* Qualified students who live in the Morgan Park High School attendance area must also apply to this program in order to be considered. To be eligible for the program, students must have NWEA scores of 220 or higher in both reading and total math.

### **Special Education**

Special Education services at Morgan Park High School are designed to meet the needs of students with disabilities who have been found eligible for services through the Individualized Education Program (IEP) process. An IEP is developed through an IEP Team and reflects special education instruction, supports, related services, and least restrictive environment guidelines in accordance with policies of the [Office of Diverse Learner Supports and Services](#). Students with IEPs and 504 plans at Morgan Park High School have access the full general education curriculum with the support of individualized accommodations and modifications along with appropriate related services. NOTE: All diploma seeking students, including students with IEPs and 504 plans, must complete graduation requirements.

### **Dual Credit and Dual Enrollment**

The [Dual Credit and Dual Enrollment Programs](#) allow high school students to enroll in college courses while attending high school. Students must be at least a junior or senior in high school by the time they start a Dual Credit or Dual Enrollment class.

Most courses require that students be college-ready as demonstrated by their SAT or ACT score, or the CCC placement test. (See cutoff scores below) The CCC placement test may be taken at CCC's college testing centers or MPHS in the early spring. Before taking the test, make sure you prepare.

Course	ACT	SAT	Other
English, Law, Language	21 and above	490 and above	<ul style="list-style-type: none"> <li>• 90% Attendance or Recommendation</li> <li>• 2.5 GPA or Recommendation</li> </ul>
Math 118, 140, 143	21-23	500-550	
Math 141, 143	24 and above	560 and above	

**Dual Credit:** Morgan Park High School currently offers five courses through which students can earn both HS credit and college credit. These classes, offered through the City Colleges, are taken on at Morgan Park as part of the student's regular school day. Pending approval, the courses we will offer as Dual Credit in 2017-18 include: Dual Credit English 101, Dual Credit Pre-Calculus (Math 143), Dual Credit College Algebra (Math 118), and Dual Credit Law.

**Dual Enrollment:** Students in Dual Enrollment courses travel to a college campus to take a college class while earning high school credit. High school juniors and seniors can enroll in the Fall, Spring and Summer semesters, earning up to 6 college credit hours. Morgan Park currently partners with [St. Xavier University](#) and [Olive-Harvey College](#) to offer Dual Enrollment classes in English and Social Science.

## MORGAN PARK ACTIVITIES AND CLUBS

[Morgan Park High School](#) is a diverse high school, providing a large number of student enrichment activities. All Morgan Park students are encouraged to become involved in school clubs and activities, and participate in various Science, Math, History and Art fairs and/or competitions throughout the year.

Campus Youth Ministry  
 Debate Team  
 Newspaper  
 Majestics  
 Public Health Club  
 Spanish Club  
 Senior Board  
 Academic Decathlon Team  
 ROTC Color Guard  
 Yearbook

Chess Club  
 Drama Club  
 National Honor Society  
 Library Aides  
 Red Cross Club  
 Student Council  
 Know Your Heritage Team  
 Chicago Book Club  
 ROTC Drill Platoon

Club AFRICAA  
 Flag Girls/Majorettes  
 French Club  
 Stage Crew  
 Physics Society  
 Pom Pon  
 Mock Trial Team  
 Marching Band  
 ROTC Honor Guard

Morgan Park High School also offers students the opportunity to participate in a full range of freshman, sophomore and Varsity sports on the interscholastic level. Competition in sports is an extension of the educational process, and student athletes are required to maintain satisfactory grades and meet eligibility requirements set forth by the CPS and Illinois High School Association. Athletes are also required to meet additional standards of conduct as set forth by the school Athletic Department and the Letterman Club.

Baseball  
 Cheerleading  
 Co-ed Soccer  
 Boys' Basketball  
 Boys' Tennis Team  
 Girls' Volleyball  
 Boys' Softball

Girls' Cross Country  
 Football  
 Co-Ed Golf  
 Girls' Basketball  
 Boys' Swim Team  
 Boys' Volleyball  
 Boys' Track

Boys' Cross Country  
 Wrestling  
 Co-ed Bowling  
 Girls' Tennis Team  
 Girls' Swim Team  
 Fast Pitch Girls' Softball  
 Girls' Track

Girls' Water Polo

Boys' Water Polo





## PROGRAMMING INFORMATION

There are many steps in the course registration process. Therefore, we ask you to take the time and effort to seriously consider and plan your future by carefully reading all the course descriptions, and by following the directions concerning programming. Your teachers and counselor will give you more information about selecting your courses. ***Remember, it is your responsibility to see your counselor on the day and time given to you for programming.***

Please note that there are many courses which require special approval of a particular teacher. No one will be allowed to enroll in a course which requires advance approval without obtaining that approval. You should also note that some courses which do not require a specific advanced approval may have certain prerequisites. Please be ready to discuss with your counselor these concerns to find out if you qualify for the courses you are interested in taking next year.

### IMPORTANT PROGRAMMING POLICIES:

- ALL students should have a four year college/career plan, which they should discuss with their counselor.
- ALL students will be programmed with a lunch period.
- ALL students are mandated by the state of Illinois to be programmed for a minimum of 300 minutes of instruction. ALL Morgan Park students MUST comply with this mandate.
- ALL students should register for a minimum of seven classes, four of them core subject areas: English, Social Science, Math, and Science.
- There is no “conditional” programming and there is no “waiting list” for courses. All students are to be programmed on the basis of work done through the end of the first semester.
- According to CPS policy, ***students who have failed classes are not allowed to make up those failures during the regular school year.*** They must attend summer school. The only exceptions are students with senior standing. We will attempt to program those students to meet graduation requirements. However, availability of classes is not guaranteed.
- Students may not take any off-campus courses without prior written approval from their counselor.
- Changes to program will NOT be made after the verification process is complete.

### COURSE REGISTRATION & SCHEDULING TIMELINE:

- February: Current students attend Programming information sessions. Curriculum Guide is shared with all stakeholders. Teachers recruit for their elective classes. Teachers recommend students.
- March: Counselors continue to meet with students to complete their course selections.
- April: Parents/Guardians and students review their course selections and make changes, if necessary.
- May: Master Schedule of classes built and schedule conflicts resolved with counselors.
- Mid-August: Class schedules will be available at Student Orientation.

## RECOMMENDATION INFORMATION

The programming team has set up a two-pronged approach to recommendations this year to ensure that all students who are interested and qualified for specific classes have the option to take the classes they are interested in and are recommended.

1. Teachers will share information about their department's elective classes during programming assemblies and the elective fairs. On Programming Awareness Day, students will have another opportunity to hear about options and ask questions.
2. All students will be recommended by their current teachers for next year's courses. A student's performance in present and past courses plus any relevant test scores and current progress can be used in deciding on a course level change. Additional recommendations will be made for electives and IBDP/IBCP courses.

All recommendations will be submitted through the Google Form online system during the specified timeframe. Questions about your specific recommendations should be directed to your teachers and counselor.

### IMPORTANT RECOMMENDATION POLICIES:

- ***ALL students will be recommended*** for their next level, whether it be Honors, AP, IBDP, or IBCP. A student's performance in present and past courses plus any relevant test scores and current progress can be used in deciding on a course level change.
- Teachers will consult with students about recommendations made on their behalf.
- Some courses have requirements and/or need instructor approval. These requirements are listed alongside the COURSE DESCRIPTION.
- All recommendations must be in the system by March 3, 2017

### RECOMMENDATION TIMELINE:

- February: Current students attend Programming Assemblies and participate in Programming Awareness Day.
- February: Teachers discuss their recommendations with students and complete the process in the Recommendation Google Form
- March: Counselors meet with students to choose courses, using the Google Form system. All recommendations can be viewed in the Google Drive, and students will be given a copy
- April: Parents/Guardians and students review their course selections and make changes if necessary

# COURSE DESCRIPTIONS

## English Department

### Courses offered at each grade level

9 <sup>th</sup> grade	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
English I*	English II*	English III*	English IV*
English II (AC students)	English III (AC students)	AP Literature & Composition	African American Literature
	AP Literature & Composition (AC students)	English IV (AC students)	AP Literature & Composition
		Film Studies	Film Studies
		Yearbook	Yearbook
		Newspaper	Newspaper
		Women in Literature	Women in Literature
		Speech	Speech
		Advertising Communication	Advertising Communication
		IB World Lit I (2 year sequence)	Dual Credit Composition I
			Dual Enrollment English at SXU
			IB World Lit II (2 year sequence)

- Students are required\* to complete at least FOUR years of English. AC students will complete six years of English.
- Students must receive a recommendation from their CURRENT English teacher for placement in AP and/or IB Diploma classes.
- Only core courses fulfill English graduation requirements. All other courses fulfill elective graduation requirements.
- All courses offered are year-long (2 semesters). IBDP and IBCP courses are part of two-year sequences.

## CORE CLASSES

Fulfill CPS English graduation requirements

### IB MYP English I

**Course Number:** 178101H/178102H

**Prerequisites:** None

**Type of Graduation Credit Earned:** English I

**Course Duration:** 2 semesters

**Course Level:** Honors

**Number of Credits Earned:** 1.0

**Teacher Certification Required:** English

**COURSE DESCRIPTION**

In IB MYP English I students will engage in grade level Common Core State Standards (CCSS) aligned reading and writing practices, through a wide range of literary and informational texts to bridge their learning from middle school to high school. Students will engage in practices to support their emerging mastery of the CCSS for Writing in their grade band, and express themselves in multiple writing formats including narratives, investigative reports, literary analyses, and research papers. Across all writing formats, students will write in the conventions of the CCSS writing modes. Students in IB MYP Survey of Literature will employ academic English in discussion that align to CCSS for Speaking & Listening.

**IB MYP English II****Course Number:** 178201H/178202H**Course Level:** Honors**Prerequisites:** None**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** English II**Course Duration:** 2 semesters**Teacher Certification Required:** English**COURSE DESCRIPTION**

In IB MYP English II, students will engage in grade level Common Core State Standards (CCSS) aligned reading and writing practices, through a wide range of literary and informational texts that will build upon English I. Students will engage in practices to support their mastery of the CCSS for Writing in their grade band, and express themselves in multiple writing formats including narratives, investigative reports, literary analyses, and research papers. Across all writing formats, students will write in the conventions of the CCSS writing modes. Students in IB MYP American Literature will employ academic English in discussion that align to CCSS for Speaking & Listening.

**English III****Course Number:** 184301H / 184302H**Course Level:** Honors**Prerequisites:** None**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** English 3**Course Duration:** 2 semesters**Teacher Certification Required:** English**COURSE DESCRIPTION**

In English III, students will engage in grade level Common Core State Standards (CCSS) aligned reading and writing practices, through a wide range of literary and informational texts that will emphasize college and career preparation. Students will engage in practices to support their emerging mastery of the CCSS for Writing in their grade band, and express themselves in multiple writing formats including narratives, investigative reports, literary analyses, and research papers. Across all writing formats, students will write in the conventions of the CCSS writing modes. Students in English III will employ academic English in discussion that align to CCSS for Speaking & Listening.

**English IV****Course Number:** 184401H / 184402H**Course Level:** Honors**Prerequisites:** None**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** English 4**Course Duration:** 2 semesters**Teacher Certification Required:** English**COURSE DESCRIPTION**

In English IV, students will engage in grade level Common Core State Standards (CCSS) aligned reading and writing practices, through a wide range of literary and informational texts that will prepare them for post-secondary experiences. Students will engage in practices to support their mastery of the CCSS for Writing in their grade band, and express themselves in multiple writing formats including narratives, investigative reports, literary analyses, and research papers. Across all writing formats, students will write in the conventions of the CCSS writing modes. Students in English IV will employ academic English in discussion that align to CCSS for Speaking & Listening.

**ADVANCED PLACEMENT****Advanced Placement Literature and Composition****Course Number:** 170101A / 170102A**Course Level:** Advanced**Prerequisites:** English I, II, Current**Number of Credits Earned:** 1.0

English Teacher Recommendation

**Type of Graduation Credit Earned:** English III; English IV; Career Ed; Elective**Course Duration:** 2 semesters**Teacher Certification Required:** English,  
AP summer institute**COURSE DESCRIPTION**

An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style, and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone.

**INTERNATIONAL BACCALAUREATE PROGRAM****IB HL English A: A 2 year course sequence****IB HL English A - World Literature I (11<sup>th</sup> Graders only)****Course Number:** 178401A / 178402A**Course Level:** Advanced**Prerequisites:** English I, II, Teacher Recommendation**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** English III; Career Ed; Elective**Course Duration:** 2 semesters**Teacher Certification Required:** English

**COURSE DESCRIPTION**

IB HL World Literature is primarily a pre-university course in literature aimed at students who intend to pursue literature, or related studies, at university. This course introduces students to the analysis of literary texts. The course is organized into four parts, each focused on a group of literary works. Together, the four parts of the course add up to a comprehensive exploration of literature from a variety of cultures, genres and periods. Students learn to appreciate the artistry of literature, and develop the ability to reflect critically on their reading, presenting literary analysis powerfully through both oral and written communication.

**IB HL English A - World Literature II (12<sup>th</sup> Graders Only)****Course Number:** 178501A / 178502A**Prerequisites:** IB HL English A - World Literature I**Graduation Credit Earned:** English IV; Career Ed; Elective**Course Duration:** 2 semesters**Course Level:** Advanced**Number of Credits Earned:** 1.0**Teacher Certification Required:** English**COURSE DESCRIPTION**

IB HL World Literature is primarily a pre-university course in literature aimed at students who intend to pursue literature, or related studies, at university. This course introduces students to the analysis of literary texts. The course is organized into four parts, each focused on a group of literary works. Together, the four parts of the course add up to a comprehensive exploration of literature from a variety of cultures, genres and periods. Students learn to appreciate the artistry of literature, and develop the ability to reflect critically on their reading, presenting literary analysis powerfully through both oral and written communication.

**ELECTIVES**

Fulfill CPS elective requirements

**INTERMEDIATE TOPICS IN FILM STUDIES****Course Number:** 195101H / 195102H**Prerequisites:** English I and II**Type of Graduation Credit Earned:** Elective, Career Ed**Course Duration:** 2 semesters**Course Level:** Honors.**Number of Credits Earned:** 1.0**Teacher Certification Required:** English**COURSE DESCRIPTION**

May be taken in the 3rd or 4th year as an elective. If taken, it must be in addition to English III or English IV. Film as Literature uses the technological media of video and DVD recorded film to increase critical thinking skills and multiple intelligences. Students not only view movies (not to exceed an R rating), they read about, write about, discuss and present their ideas about viewed films, film reviews, the film industry and careers in film; moreover, instruction in the use of video equipment including cameras and editing equipment is available to interested students.

**WOMEN IN LITERATURE****Course Number:** 145101H / 145102H**Prerequisites:** None**Type of Graduation Credit Earned:** Career Ed; Elective**Course Duration:** 2 semesters**Course Level:** Honors**Number of Credits Earned:** 1.0**Teacher Certification Required:** English

**COURSE DESCRIPTION**

In this course, students will critically study of women writers in world literature. Readings will cover a range of different world cultures and time periods. Texts are selected from a variety of genres including poetry, short stories, novels, autobiography, and essays. Students will study literary works that focus on issues relating to gender, empowerment and feminism.

**Journalism / Newspaper I**

**Course Number:** 159101H / 159102H

**Prerequisites:** English I and II

**Type of Graduation Credit Earned:** Elective, Career Ed

**Course Duration:** 2 semesters

**Course Level:** Honors.

**Number of Credits Earned:** 1.0

**Teacher Certification Required:** English

**COURSE DESCRIPTION**

May be taken in the 3<sup>rd</sup> or 4<sup>th</sup> year as an elective. If taken, it must be in addition to English III or English IV. This course provides an opportunity for students to gain an understanding of standard journalism practices. Content includes a study of hard news and soft news writing (identifying 5Ws, lead writing, nut graf composition, inverted pyramid organization, transition and active voice usage, identification of the six newsworthy qualities, and appropriate attribution); basic interviewing strategies; journalism ethics; standard journalism style practices (capitalization, verb tense, use of titles and numbers, quotation usage, and general punctuation); feature story writing; sports story writing; using photographs effectively; arts and review writing; editorial writing; and general newspaper design. Also included in the course, as time permits, will be a brief unit in graphic design using the industry standard application Adobe Photoshop. Students will also be required to submit at least one news/feature story submission each month to be published in the school newspaper, EMPEHI News.

**Journalism/Newspaper II**

**Course Number:** 159201H / 159202H

**Prerequisites:** English I, II; Journalism I,  
Teacher Recommendation

**Type of Graduation Credit Earned:** Elective

**Course Duration:** 2 semesters

**Course Level:** Honors

**Number of Credits Earned:** 1.0

**Teacher Certification Required:** English

**COURSE DESCRIPTION**

Students enrolled in Journalism II will be required to demonstrate a strong understanding of journalism reporting, writing, and style through the editing of the student-reporter newspaper story submission. These students will be introduced to basic newspaper design applications, including Adobe InDesign and Adobe Photoshop, and will use their skills to design and create at least two papers of the school newspaper, EMPEHI News, on a monthly basis. Students will also be responsible for generating story ideas for each issue, as well as distribution. May be taken after Journalism I and by permission of Newspaper sponsor only. If taken, it must be in addition to English III and/or English IV.

**Journalism/YEARBOOK****Course Number:** 156101H/156102H**Prerequisites:** English I, II; Journalism I,  
Teacher Recommendation**Type of Graduation Credit Earned:** Elective**Course Duration:** 2 semesters**Course Level:** Honors**Number of Credits Earned:** 1.0**Teacher Certification Required:** English**COURSE DESCRIPTION**

May be taken in the 3<sup>rd</sup> or 4<sup>th</sup> year as an elective and by permission of Yearbook sponsor only. If taken, it must be in addition to English III or English IV. The course is designed to expose the student to the skills of photography, basic journalism and actual yearbook page production, and to assist him/her in acquiring the responsible attitude necessary to meet the demands of a serious production schedule and a publication deadline. Students will work in teams to complete a 152-page yearbook (from theme development, gathering candid and group photos, reporting on events, then onto page design/production and distribution) on time, according to four inflexible deadlines. Summative assessments will include all page deadline submissions, as well as an eight-page “personal yearbook” end-of-year project. Software and equipment instruction will include desktop publishing and design using Adobe InDesign and Adobe Photoshop, plus photographic technique using professional-grade digital SLR cameras. After-school requirements will include attending some sports events, club/organization meetings and events, as well as dances. Page design and completion, as well as bi-weekly meetings held after school are also a requirement.

**Advertising Communications****Course Number:** 149201H / 149202H**Prerequisites:** None**Type of Graduation Credit Earned:** Career Ed; Elective**Course Duration:** 2 semesters**Course Level:** Honors**Number of Credits Earned:** 1.0**Teacher Certification Required:** English**COURSE DESCRIPTION**

This course builds upon the skills and competencies addressed in Business & Marketing. Students will continue to learn the skills and concepts related to marketing. They will also learn about career opportunities in the field of marketing. Specific topics will include selling skills, advertising and promotion. Student leadership development and employment skills are integrated into this course.

**Speech****Course Number:** 134101H / 134102H**Prerequisites:** None**Type of Graduation Credit Earned:** Career Ed; Elective**Course Duration:** 2 semesters**Course Level:** Honors**Number of Credits Earned:** 1.0**Teacher Certification Required:** English**COURSE DESCRIPTION**

In this course, students will concentrate on the organization, content and delivery of traditional public speaking that are aligned to the relevant strands of CCSS. Students will present a variety of speeches using multiple methods. The course is designed to improve poise and self-confidence in all



speaking situations, as well as develop logical thinking skills. In an honors class students will be expected to meet the standards with less teacher scaffolding and more collaborative and independent practice.

## IB Approaches to Learning: A 2 year course sequence

### **IB Approaches to Learning I (11<sup>th</sup> Graders Only)**

**Course Number:** 256101A / 256102A

**Course Level:** Advanced

**Prerequisites:** 11<sup>th</sup> grade member of IBCP cohort

**Number of Credits Earned:** 1.0

**Graduation Credit Earned:** Career Ed; Elective

**Course Duration:** 2 semesters

**Teacher Certification Required:** Any subject

#### **COURSE DESCRIPTION**

The Approaches to Learning (ATL) course, one of the core requirements of the IB Career-related Programme, is designed to introduce students to life-skills. It is intended to develop students' critical thinking, intercultural understanding, communication, and personal development. ATL aims to challenge students to draw on personal resources and skills to engage critically with the world around them. Students may encounter topics as diverse as ethical dilemmas, deductive and inductive reasoning, culture shock, academic honesty, and emotional intelligence.

### **IB Approaches to Learning II (12<sup>th</sup> Graders Only)**

**Course Number:** 256201A / 256202A

**Course Level:** Advanced

**Prerequisites:** 12<sup>th</sup> grade member of IBCP cohort

**Number of Credits Earned:** 1.0

**Graduation Credit Earned:** Career Ed; Elective

**Course Duration:** 2 semesters

**Teacher Certification Required:** Any subject

#### **COURSE DESCRIPTION**

The Approaches to Learning (ATL) course, one of the core requirements of the IB Career-related Programme, is designed to introduce students to life-skills. It is intended to develop students' critical thinking, intercultural understanding, communication, and personal development. ATL aims to challenge students to draw on personal resources and skills to engage critically with the world around them. Students may encounter topics as diverse as ethical dilemmas, deductive and inductive reasoning, culture shock, academic honesty, and emotional intelligence.

## DUAL CREDIT and DUAL ENROLLMENT

Course	ACT	SAT	Other
English	21 and above	490 and above	<ul style="list-style-type: none"> <li>• 90% Attendance or Recommendation</li> <li>• 2.5 GPA or Recommendation</li> </ul>

### **DUAL CREDIT ENGLISH 101/102**

**Course Number:** TBD

**Course Level:** Advanced

**Prerequisites:** English I and II, and

**High School Credit:** 1.0

Eligibility of English 101, or ACT Reading Score range within (19-36)

**College Credit Hours:** 3

Development of critical and analytical skills in writing and reading of expository prose. Writing assignments, as appropriate to the discipline, are part of the course. Student will receive both high school and college credit.

**Dual Enrollment English: See SXU Catalog**

**Course Number:** TBD

**Course Level:** Advanced

**Prerequisites:** English I and II, and

**High School Credit:** 1.0

**Prerequisites:** English IV and COMPASS Test score of \_\_\_ or ACT Reading Score range within (19-36)

**College Credit Hours:** 3

## Social Science Department

### Courses offered at each grade level

9 <sup>th</sup> grade	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
World Studies*	US History*	AP Government	AP Psychology
AP Human Geography (AC students)		Law in American Society	Law in American Society
		Contemporary Am. History	Contemporary Am. History
		Economics	Economics
		IB HL History of Europe I (two-year sequence)	Psychology
		IB Theory Knowledge I (two-year sequence)	IB HL History of Europe II (two-year sequence)
		IB SL Info Tech I (two- year sequence)	IB Theory Knowledge II (two-year sequence)
			IB SL Info Tech II (two- year sequence)
			Dual Credit Law
			Dual Enrollment History at SXU

- Students are required\* to complete THREE years of Social Science: World Studies (or equivalent), US History (or equivalent), and one elective.
- **Civics will be required for all students starting with the class of 2020. This course will be offered during the 2018-19 school year.**
- Students are required to take the Constitution Test during their US History course
- Students are required to take Consumer Education unit during one of the following classes: AP Government, Law in American Society, Economics, or Contemporary American History
- Students must receive a recommendation from their CURRENT Social Science teacher for placement in AP and/or IB Diploma classes.
- All courses offered are year-long (2 semesters).

## CORE CLASSES

Fulfill CPS Social Science graduation requirements

### **IB MYP WORLD STUDIES**

**Course Number:** 278101H /278102H

**Course Level:** Honors

**Prerequisites:** None

**Number of Credit Earned:** 1.0

**Type of Graduation Credit Earned:** World Studies

**Course Duration:** 2 semesters

**Teacher Certification Required:** Social Science

### **COURSE DESCRIPTION**

IB MYP World Studies will focus student learning on the peoples, ideas, and forces that have shaped our world, and enable students to investigate their place in and capacity to act in an increasingly interdependent global society. It will allow students to appreciate the rich cultures that exist across the world. This course will advance through a combination of content knowledge, inquiry, and appropriate analytical skills in a literacy-rich fashion. These thematic investigations will include an emphasis on interdisciplinary social sciences and build understanding of cultural, institutional, economic, and technological patterns that, along with geography, have set the human stage.

### **IB MYP US History**

**Course Number:** 278201H/278202H

**Course Level:** Regular

**Prerequisites:** None

**Number of Credit Earned:** 1.0

**Type of Graduation Credit Earned:** US History

**Course Duration:** 2 semesters

**Teacher Certification Required:** Social Science

### **COURSE DESCRIPTION**

The study of United States History allows students to understand the people, ideas, and forces that have shaped this country. Moving through the development of our maturing democracy will allow students to explore both their individual and our collective place in an interdependent global society. Students will access diverse texts to explore what it means to live in America by studying the people, key ideas, and events that shaped our history and include a focus on the struggles to achieve class, ethnic, racial, and gender equality and the successes and failures that have shaped who we are.

## ADVANCED PLACEMENT

### **Advanced Placement Human Geography**

**Course Number:** 277101A / 277102A

**Course Level:** Advanced

**Prerequisites:** Academic Students Only

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** World Studies;  
Career Ed; Elective

**Course Duration:** 2 semesters

**Teacher Certification Required:** History,  
AP summer institute

**COURSE DESCRIPTION**

The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. The seven major themes or study are: Geography: Its Nature and Perspectives; Population and Migration; Cultural Patterns and Processes; Political Organization of Space; Agriculture, Food Production, and Rural Land Use; Industrialization and Economic Development; and Cities and Urban Land Use. Students are expected to take the AP Human Geography exam in May.

**ELECTIVES**

Fulfill the CPS elective requirement

**African American History**

**Course Number:** 290101H / 290102H

**Course Level:** Honors

**Prerequisites:** None

**Number of Credit Earned:** 1.0

**Type of Graduation Credit Earned:** Other Social Science;  
Career Ed; Elective

**Course Duration:** 2 semesters

**Teacher Certification Required:** Social Science

**COURSE DESCRIPTION**

Throughout this course, students will study a variety of multicultural texts and resources to analyze, synthesize, and connect important events that have shaped and influenced the development and the advancement of society and cultures into the 21st Century. These thematically aligned courses stress human thought and relationships through the exploration of nationalities, religion, ethnicity, class, and gender across social, artistic, political, economic, and historical contexts.

**Economics §**

**Course Number:** 239101H / 239102H

**Course Level:** Honors

**Prerequisites:** None

**Number of Credit Earned:** 1.0

**Type of Graduation Credit Earned:** Other Social Science;  
Career Ed; Elective

**Course Duration:** 2 semesters

**Teacher Certification Required:** Social  
Science

**COURSE DESCRIPTION**

This course is designed to provide students with a better understanding of our economic system. Utilizing economic theories, students investigate the causes of economic problems and determine the implications of proposed solutions. The course also examines practical economics and how the material studied can be used in one's financial life. The class deals with making choices about using resources and spending money as individuals, families, industries and labor unions - buyers and sellers of all types. Other topics include study about banks, the stock market, advertising, insurance, supply and demand, and other economic systems.

Emphasis will also be placed on the structure of world economics by doing a comparative research paper. This paper will compare the U.S. economy with that of another country. A necessary component of an honors program is written analysis of supply, demand and equilibrium. This honors class will be required to complete an online consumer education program. An argumentative analysis research paper on economic challenges to include unemployment, inflation, economic instability and poverty will be completed second semester.

NOTE: This course will allow students to fulfill the Consumer Education graduation requirement

### **Contemporary American History §**

**Course Number:** 238101H / 238102H

**Course Level:** Honors

**Prerequisites:** None

**Number of Credit Earned:** 1.0

**Type of Graduation Credit Earned:** Other Social Science;  
Career Ed; Elective

**Course Duration:** 2 semesters

**Teacher Certification Required:** Social  
Science

#### **COURSE DESCRIPTION**

This course will focus on political, economic, and social issues facing the United States throughout the 20th Century. Students will analyze, synthesize, and connect important events within and outside the boundaries of the United States, connecting our successes and failures to events of today. The themes will be accessed through a variety of rich text and disciplinary literacy strategies that will provide multiple perspectives on the transformation of America throughout the 20th Century and develop connections that span between events – allowing the students to understand the interrelatedness of the events and decisions.

NOTE: This course will allow students to fulfill the Consumer Education graduation requirement

### **Law in American Society §**

**Course Number:** 280101H/280102H

**Course Level:** Honors

**Prerequisites:** None

**Number of Credit Earned:** 1.0

**Type of Graduation Credit Earned:** Other Social Science;  
Career Ed; Elective

**Course Duration:** 2 semesters

**Teacher Certification Required:** Social  
Science

#### **COURSE DESCRIPTION**

This course will focus on the various facets of the lawmaking and democratic processes in the United States and globally. Students will analyze, synthesize, and connect important judicial and political events within and outside of the United States. The study of multiple texts will focus on the tensions between the government's obligations to protect society, while maintaining individual inalienable rights. Students will exam early American law and government including the founding documents, political culture and ideology, the role of the media, criminal and civil law, and how these have evolved into modern times and compare to others around the globe.

NOTE: This course will allow students to fulfill the Consumer Education graduation requirement

**Psychology****Course Number:** 207101H / 207102H**Course Level:** Honors**Prerequisites:** None**Number of Credit Earned:** 1.0**Type of Graduation Credit Earned:** Other Social Science;  
Career Ed; Elective**Course Duration:** 2 semesters**Teacher Certification Required:** Social  
Science**COURSE DESCRIPTION**

This course will allow students to see themselves as individuals who participate in society in multiple ways. A special emphasis will be placed on developing an understanding of the individual as a unique part of the global community and understanding decisions that affect the students' psychological, social, economic, environmental, and physical well-being. Thematically driven units will align topics while stressing human thought, decisions, and relationships. Students will combine analysis of rich text, classroom discussion, and personal experience to unite the 'social' and 'scientific' aspects of the Social Sciences and will examine human and societal issues.

**ADVANCED PLACEMENT****Advanced Placement Psychology****Course Number:** 271101A/271102A**Course Level:** Advanced**Prerequisite:** Teacher Recommendation**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** Other Social Science;  
Career Ed; Elective**Course Duration:** 2 semesters**Teacher Certification Required:** Social Science**COURSE DESCRIPTION**

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Students will take the AP Psychology test in May.

**Advanced Placement US Government****Course Number:** 272201A / 272202A**Course Level:** Advanced**Prerequisites:** United States History**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** Other Social Science**Course Duration:** 2 semesters**Teacher Certification Required:** History,  
AP summer institute**COURSE DESCRIPTION**

The AP course in United States Government and Politics gives students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. Students are expected to take the AP US Government exam in May.

## DUAL CREDIT and DUAL ENROLLMENT

Course	ACT	SAT	Other
English, Law, Language	21 and above	490 and above	<ul style="list-style-type: none"> <li>• 90% Attendance or Recommendation</li> <li>• 2.5 GPA or Recommendation</li> </ul>

### Dual Credit Law

**Course Number:** TBD

**Course Level:** Advanced

**Prerequisites:** Eligibility for English 101  
or COMPASS, ACT, or SAT test scores,  
or Consent of Department Chairperson

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Career Ed; Elective

**Course Duration:** 2 semesters

**Teacher Certification Required:** Masters in Law

**College Credit Earned:** 3 hours

### **Course Description**

The course contains information and activities designed to provide students with the ability to analyze, evaluate and understand legal issues related to business transactions, landlord and tenant relations, marriage and divorce, and constitutional issues like procedural and substantive due process. Writing assignments, as appropriate to the discipline, are part of the course.

### Dual Enrollment Social Science: See SXU Catalog

**Course Number:** TBD

**Course Level:** Advanced

**Prerequisites:** 12<sup>th</sup> grade; World Studies, US History,  
And COMPASS Test score of \_\_\_\_  
SAT score

**High School Credit:** 1.0

**College Credit Hours:** 3

## INTERNATIONAL BACCALAUREATE PROGRAMME

### **IB HL History of Europe & IB HL 20th Cent World History: A 2 year course sequence**

#### IB HL History of Europe I (11<sup>th</sup> Graders Only)

**Course Number:** 228101A / 228102A

**Course Level:** Advanced

**Prerequisites:** Teacher Recommendation

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Other Social Science;  
Career Ed; Elective

**Course Duration:** 2 semesters

**Teacher Certification Required:** Social  
Science

### **COURSE DESCRIPTION**

The Diploma Programme history course aims to promote an understanding of history as a discipline, including the nature and diversity of its sources, methods and interpretations. It also helps students to gain a better understanding of the present through critical reflection upon the past. At HL students select from a range of optional syllabuses that cover a wider time span encouraging in-depth study. Thus Diploma Programme history provides both structure and flexibility, fostering an understanding of major historical events in a global context. It requires students to make

comparisons between similar and dissimilar solutions to common human situations, whether they be political, economic or social.

### **IB HL 20th Cent World History (12<sup>th</sup> Graders Only)**

**Course Number:** 227101A / 227102A

**Course Level:** Advanced

**Prerequisites:** IB HL History of Europe

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Other Social Science;  
Career Ed; Elective

**Course Duration:** 2 semesters

**Teacher Certification Required:** Social  
Science

#### **COURSE DESCRIPTION**

The Diploma Programme history course aims to promote an understanding of history as a discipline, including the nature and diversity of its sources, methods and interpretations. It also helps students to gain a better understanding of the present through critical reflection upon the past. The course provides both structure and flexibility, fostering an understanding of major historical events in a global context. It requires students to make comparisons between similar and dissimilar solutions to common human situations, whether they be political, economic or social. It invites comparisons between, but not judgments of, different cultures, political systems and national traditions.

### **IB Theory Knowledge: A 2 year course sequence**

#### **IB Theory Knowledge I (11<sup>th</sup> Grade Students Only)**

**Course Number:** 179101A / 179102A

**Course Level:** Advanced

**Prerequisites:** Teacher Recommendation

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Career Ed; Elective

**Course Duration:** 2 semesters

**Teacher Certification Required:** Any subject

#### **COURSE DESCRIPTION**

The interdisciplinary Theory of Knowledge course is designed to develop a coherent approach to learning that transcends and unifies the academic areas and encourages appreciation of other cultural perspectives. This course is in part intended to encourage students to reflect on the huge cultural shifts worldwide around the digital revolution and the information economy. The extent and impact of the changes vary greatly in different parts of the world, but everywhere their implications for knowledge are profound. Theory of knowledge encourages critical thinking about knowledge itself and aims to help young people make sense of that they encounter.

#### **IB Theory Knowledge II (12<sup>th</sup> Grade Students Only)**

**Course Number:** 179201A / 179202A

**Course Level:** Advanced

**Prerequisites:** Theory Knowledge EE I

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Career Ed; Elective

**Course Duration:** 2 semesters

**Teacher Certification Required:** Any subject

#### **COURSE DESCRIPTION**

The interdisciplinary Theory of Knowledge course is designed to develop a coherent approach to learning that transcends and unifies the academic areas and encourages appreciation of other



cultural perspectives. This course is in part intended to encourage students to reflect on the huge cultural shifts worldwide around the digital revolution and the information economy. The extent and impact of the changes vary greatly in different parts of the world, but everywhere their implications for knowledge are profound. Theory of knowledge encourages critical thinking about knowledge itself and aims to help young people make sense of that they encounter.

## **IB SL Info Tech (ITGS): A 2 year course sequence**

### **IB SL Info Tech I (ITGS) (11<sup>th</sup> Graders only)**

**Course Number:** 787301A / 787302A

**Course Level:** Advanced

**Prerequisites:** Teacher Recommendation

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Career Ed; Elective

**Course Duration:** 2 semesters

**Teacher Certification Required:** Social  
Science or Art

#### **COURSE DESCRIPTION**

The Diploma Programme INFORMATION TECHNOLOGY IN A GLOBAL SOCIETY (ITGS) course is the study and evaluation of the impact of information technology (IT) on individuals and society. It explores the advantages and disadvantages of the use of digitized information at the local and global level. ITGS uses an integrated approach, encouraging students to make informed judgments and decisions about the role of information and communication technologies in contemporary society. Although ITGS shares methods of critical investigation and analysis with other social sciences, it also considers ethical questions found in the study of philosophy.

### **IB SL Info Tech II (ITGS) (12<sup>th</sup> Graders only)**

**Course Number:** TBD

**Course Level:** Advanced

**Prerequisites:** Teacher Recommendation

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Career Ed; Elective

**Course Duration:** 2 semesters

**Teacher Certification Required:** Social  
Science or Art

#### **COURSE DESCRIPTION**

This course is the study and evaluation of the impact of information technology (IT) on individuals and society. It explores the advantages and disadvantages of the use of digitized information at the local and global level. ITGS uses an integrated approach, encouraging students to make informed judgments and decisions about the role of information and communication technologies in contemporary society. Although ITGS shares methods of critical investigation and analysis with other social sciences, it also considers ethical questions found in the study of philosophy.

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# Science Department

## Courses offered at each grade level

9 <sup>th</sup> grade	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
Biology (LAB)*	Chemistry (LAB)*	Physics (LAB)*	Physics (LAB)
	Environmental Science (LAB)*	Earth/Space Science (LAB)*	Earth/Space Science (LAB)
	AP Biology (AC students)	IB SL Biology I (two year sequence)*	Anatomy & Physiology
			Forensic Science
			IB SL Biology 2 (two year sequence)

- Students are required to complete THREE years of Science: Biology and two additional LAB sciences.
- Students must receive a recommendation from their CURRENT Science teacher for placement in AP and/or IB Diploma classes.
- All courses offered are year-long (2 semesters).

## CORE COURSES

### IB MYP Biology

**Course Number:** 353101H /353102H

**Course Level:** Honors

**Prerequisites:** None; required for graduation

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Biology;

**Course Duration:** 2 semesters (120 hours of instructional study, 30 hours of laboratory work)

**Teacher Certification Required:** Biology

### **COURSE DESCRIPTION**

IB MYP Biology is an introductory course into the scientific study of life and life processes that is designed for students who are developing their problem-solving and analytical skills. Students taking Biology will regularly experience hands-on, inquiry-based learning opportunities. Students will engage in the Science and Engineering Practices as outlined in A Framework for K-12 Science Education and the Next Generation Science Standards to learn about essential Big Ideas such as the structure, function and information processing, matter and energy in organisms, inheritance and variation of traits, natural selection, and evolution. As an honors class, students will be expected to engage in more advanced problem solving and extend their learning to science projects outside of the classroom. Successful completion of Biology H will prepare students for future honors and AP coursework.

### IB MYP Chemistry

**Course Number:** 375101H/375102H

**Course Level:** Honors

**Prerequisites:** None; Algebra as co-requisite course

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Other Lab Science; Career Ed; Elective

**Course Duration:** 2 semesters (120 hours of instructional study, 30 hours of laboratory work)

**Teacher Certification Required:** Chemistry

**COURSE DESCRIPTION**

Chemistry is a standard introductory course into the scientific study of the properties of matter and the changes that matter undergoes during reactions that is designed for students who are developing their problem-solving and analytic skills. Students taking Chemistry will regularly experience hands-on, inquiry-based learning opportunities. Students will engage in the Science and Engineering Practices as outlined in A Framework for K-12 Science Education and the Next Generation Science Standards to learn about essential Big Ideas such as structure and properties of matter and chemical reactions. In this honors class, students will be expected to engage in more advanced problem solving and extend their learning to science projects outside of the classroom. Successful completion of Chemistry H will prepare students for future honors and AP coursework.

**Physics****Course Number:** 333101H / 333102H**Course Level:** Honors**Prerequisites:** None; Algebra as co-requisite course**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** Other Lab Science; Career Ed; Elective**Course Duration:** 2 semesters (120 hours of instructional study, 30 hours of laboratory work)**Teacher Certification Required:** Physics**COURSE DESCRIPTION**

Physics is a standard introductory course into the scientific study of forces, motions, waves and energy that is designed for students who are developing their problem-solving and analytical skills. Students taking Physics will regularly experience hands-on, inquiry-based learning opportunities. Students will engage in the Science and Engineering Practices as outlined in A Framework for K-12 Science Education and the Next Generation Science Standards to learn about essential Big Ideas such as force and motion, waves, and interactions of energy and matter.

**Environmental Science****Course Number:** 339101H / 339102H**Course Level:** Honors**Prerequisites:** 11<sup>th</sup> or 12<sup>th</sup> grade only**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** Other Lab Science; Career Ed; Elective**Course Duration:** 2 semesters (120 hours of instructional study, 30 hours of laboratory work)**Teacher Certification Required:** Life Science**COURSE DESCRIPTION**

Environmental Science is a standard introductory course into the scientific study of the mutual relationships between organisms and their environment that is designed for students who are developing their problem-solving and analytic skills. Students taking Environmental Science will regularly experience hands-on, inquiry-based learning opportunities. Students will engage in the Science and Engineering Practices as outlined in A Framework for K-12 Science Education and the Next Generation Science Standards to learn about essential Big Ideas such as interrelations between organisms and the environment, cycles of matter and energy transfers in ecosystems, and natural resources. In this honors class, students will be expected to engage in more advanced problem solving and extend their learning to science projects outside of the classroom. Successful completion of Environmental Science H will prepare students for future honors and AP coursework.

**Earth and Space Science****Course Number:** 335101H / 335102H**Course Level:** Honors**Prerequisites:** None**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** Other Lab Science; Career Ed; Elective**Course Duration:** 2 semesters (120 hours of instructional study, 30 hours of laboratory work)**Teacher Certification Required:** Physical Science**COURSE DESCRIPTION**

Earth and Space Science is a standard introductory course into the scientific study of earth's lithosphere, hydrosphere, atmosphere, and celestial environment that is designed for students who are developing their problem-solving and analytical skills. Students taking Earth and Space Science will regularly experience hands-on, inquiry-based learning opportunities. Students will engage in the Science and Engineering Practices as outlined in A Framework for K-12 Science Education and the Next Generation Science Standards to learn about essential Big Ideas such as energy sources and resources, Earth's place in the Universe, geo-sphere, and fluid sphere.

**ADVANCED PLACEMENT****Advanced Placement Biology****Course Number:** 372101A / 372102A**Course Level:** Advanced**Prerequisites:** Biology and Chemistry**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** Biology; Career Ed; Elective**Course Duration:** 2 semesters**Teacher Certification Required:** Biology;  
AP summer institute**COURSE DESCRIPTION**

The redesigned AP biology course challenges the shift from the traditional content model of study to one that focuses on enduring, conceptual understands and the content that supports them. This will allow students to spend less time on factual recall and more time on inquiry-based learning and essential concepts, and will help them develop reasoning skills necessary in science practices. The key concepts and related content are organized four underlying principles called "Big Ideas", which encompass the core scientific principles, theories and process governing living organisms and biological systems.

**INTERNATIONAL BACCALAUREATE PROGRAMME****IB SL Biology: A 2 year course sequence****IB SL Biology I (11th Graders Only)****Course Number:** 351301A / 351302A**Course Level:** Advanced**Prerequisites:** 11<sup>th</sup> grade**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** Biology;  
Other Lab Science**Course Duration:** 2 semesters**Teacher Certification Required:** Science**COURSE DESCRIPTION**

The biology course is organized by topics, SL students study six topics and HL students study a

further five, with some of these taking the first six topics to greater depth. In addition to this, students study two out of a choice of seven (at SL) or five (at HL) option topics. There are four basic biological concepts that run throughout: Structure and function; Universality versus diversity; Equilibrium within systems; and Evolution. These four concepts serve as themes that unify the various topics that make up the three sections of the course: the core, the additional higher level (AHL) material and the options.

### **IB SL Biology II (12th Graders Only)**

**Course Number:** 351401A / 351402A

**Course Level:** Advanced

**Prerequisites:** IB SL Biology I

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Biology;  
Other Lab Science

**Course Duration:** 2 semesters

**Teacher Certification Required:** Science

### **COURSE DESCRIPTION**

The biology course is organized by topics, SL students study six topics and HL students study a further five, with some of these taking the first six topics to greater depth. In addition to this, students study two out of a choice of seven (at SL) or five (at HL) option topics. There are four basic biological concepts that run throughout: Structure and function; Universality versus diversity; Equilibrium within systems; and Evolution. These four concepts serve as themes that unify the various topics that make up the three sections of the course: the core, the additional higher level (AHL) material and the options.

## **ELECTIVES**

Fulfill CPS Elective requirements

### **Forensics**

**Course Number:** 302101H / 302102H

**Course Level:** Honors

**Prerequisites:** none

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Career Ed; Elective

**Course Duration:** 2 semesters

**Teacher Certification Required:** Science

### **COURSE DESCRIPTION**

Honors Forensic science involves the study and use of scientific concepts and technologies related to solving crime in society. This course expands upon the topics learned in chemistry, biology, physics and other sciences. Students learn how forensic science is used to investigate geology, entomology, anthropology, odontology, toxicology, botany, and serology. Students will engage in the Science and Engineering Practices as outlined in A Framework for K-12 Science Education and the Next Generation Science Standards to learn about essential Big Ideas such as structure and properties of matter and chemical reactions, structure, function and information processing, matter and energy in organisms, and interactions of energy and matter. The course focuses on science practices including problem solving, designing experiments, testing, and making conclusions based on empirical evidence. Writing is an integral part of the course with students being expected to communicate laboratory reports, results, and conclusions, and analyze case studies.

**Anatomy & Physiology**

**Course Number:** 391101H/391101H

**Prerequisites:** 12<sup>TH</sup> Grade only

**Type of Graduation Credit Earned:** Elective

**Course Duration:** 2 semesters

**Course Level:** Honors

**Number of Credits Earned:** 1.0

**Teacher Certification Required:** Science

**COURSE DESCRIPTION**

In Anatomy and Physiology, students will explore the functioning of the various body systems. Students will utilize various differential instructional strategies to gain theoretical and practical understanding of the structure and function of human anatomy. Additionally, students will become reflective as they consider the bioethical and moral implications of the impact of the environment on human body systems and its various consequences on human health and the body's requirement to maintain homeostasis.

## Math Department

### Courses offered at each grade level

9 <sup>th</sup> grade	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
Algebra*	Geometry*	Advanced Algebra with Trigonometry*	Pre-Calculus
Proof-based Geometry (must pass Algebra Exit Exam)	Advanced Algebra with Trigonometry	Pre-Calculus	Probability & Stats
		IB Math Studies SL I* (two year sequence)	IB Math Studies SL 2 (two year sequence)
		IB Math/Calculus SL I* (two year sequence)	IB Math/Calculus SL 2 (two year sequence)
			Dual Credit Math 118
			Dual Credit Math 143

- Students are required by CPS to complete THREE years of Math: Algebra, Geometry, and Advanced Algebra with Trigonometry (OR) Geometry, Advanced Algebra with Trigonometry, and Pre-Calculus
- Morgan Park recommends FOUR years of Math.
- Core classes fulfill graduation requirements.
- Students must receive a recommendation from their CURRENT Math teacher for placement in AP and/or IB Diploma classes.
- All courses are year-long (2 semesters).

## CORE COURSES

**IB MYP Algebra I**

**Course Number:** 433401H / 433402H

**Prerequisites:** None

**Type of Graduation Credit Earned:** Algebra

**Course Duration:** 2 semesters

**Course Level:** Honors

**Number of Credits Earned:** 1.0

**Teacher Certification Required:** Mathematics

**COURSE DESCRIPTION**

In Algebra I, students begin to study number properties more generally and become fluent at manipulating symbols with multiple step methods. All students should regularly be engaged in the Standards for Mathematical Practice as defined by the Common Core. Mathematical content should be addressed through the study of big ideas allowing students to see the connections between multiple concepts. The mathematical content of Algebra I includes Properties of Rational and Irrational Numbers, Creating and Interpreting Expressions and Equations, Linear Equations and Inequalities, including Linear Systems, Solving Quadratic Equations using Multiple Methods, Interpreting and Building Functions using Proper Function Notation, and Summarizing, Representing, and Interpreting Data. In an honors class, students will be expected to develop more advanced problem-solving methods and precisely communicate their in-depth understanding of the mathematical concepts covered. Students will also be asked to make connections across mathematical ideas while justifying their thinking and strategies.

**IB MYP Geometry****Course Number:** 434401H / 434402H**Prerequisites:** Algebra I**Type of Graduation Credit Earned:** Geometry**Course Duration:** 2 semesters**Course Level:** Honors**Number of Credits Earned:** 1.0**Teacher Certification Required:** Mathematics**COURSE DESCRIPTION**

In Geometry, students will reason inductively to construct geometric patterns, discover geometric relationships and formulate conjectures. Students will reason deductively to construct logical arguments and proofs using appropriate terminology. All students should regularly be engaged in the Standards for Mathematical Practice as defined by the Common Core. Mathematical content should be addressed through the study of big ideas allowing students to see the connections between multiple concepts. The mathematical content of Geometry includes Similarity and Congruence, Transformational Geometry, Right Triangles, Geometric Constructions and Proofs, Measurement and Dimension, Modeling, Coordinate Geometry, and Circles. In this honors class, students will be expected to develop more advanced problem-solving methods and precisely communicate their in-depth understanding of the mathematical concepts covered. Students will also be asked to make connections across mathematical ideas while justifying their thinking and strategies.

**Advanced Algebra with Trigonometry****Course Number:** 435101H / 435102H**Prerequisites:** Geometry**Type of Graduation Credit Earned:** Adv Alg/Trig**Course Duration:** 2 semesters**Course Level:** Honors**Number of Credits Earned:** 1.0**Teacher Certification Required:** Mathematics**COURSE DESCRIPTION**

In Honors Advanced Algebra with Trigonometry, students will extend their knowledge of functions to create and apply mathematical models to represent and interpret real-world contexts. The development and comparison of multiple solution methods and mathematical representations builds a level of fluency and conceptual understanding essential for the study of more advanced mathematics. All students should regularly be engaged in the Standards for Mathematical Practice as defined by the Common Core. Mathematical content should be addressed through the study of big ideas allowing students to see the connections between multiple concepts. The mathematical

content of Algebra II includes Non-linear Relationships and Functions, Solving Complex Equations using Multiple Methods, Interpreting, Building, and Modeling with Functions, Making Inferences and Conclusions from Data, and Probability. Students will be expected to develop more advanced problem-solving methods and precisely communicate their in-depth understanding of the mathematical concepts covered. Successful completion of Algebra II will prepare students for future honors and AP coursework in mathematics.

## INTERNATIONAL BACCALAUREATE PROGRAMME

### IB SL Math Studies: A 2 year course sequence

#### **IB SL Math Studies I (11<sup>th</sup> Graders Only)**

**Course Number:** 473101A / 473102A

**Course Level:** Advanced

**Prerequisites:** Teacher Recommendation

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Adv Alg/Trig; Elective

**Course Duration:** 2 semesters

**Teacher Certification Required:** Mathematics

#### **COURSE DESCRIPTION**

This is a one year comprehensive mathematics course. The course allows the student to develop and practice problem-solving skills using inductive and deductive reasoning. Students are guided through all the conceptual and working levels of mathematics. Mathematical topics will be integrated into a cohesive course. The course is designed to prepare the students for a rigorous academic career. In addition to mastering the course concepts listed below, students will complete the IB Diploma Project, and preparing for the IB Diploma Exam, which will occur in early May. Students who do not successfully complete the IB Diploma Project and Exam will not be eligible to receive the IB Diploma.

#### **IB SL Math Studies II (12<sup>th</sup> Graders Only)**

**Course Number:** 473201A / 473202A

**Course Level:** Advanced

**Prerequisites:** Teacher Recommendation

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Elective

**Course Duration:** 2 semesters

**Teacher Certification Required:** Mathematics

#### **COURSE DESCRIPTION**

This is a one year comprehensive mathematics course. The course allows the student to develop and practice problem-solving skills using inductive and deductive reasoning. Students are guided through all the conceptual and working levels of mathematics. Mathematical topics will be integrated into a cohesive course. The course is designed to prepare the students for a rigorous academic career. In addition to mastering the course concepts listed below, students will complete the IB Diploma Project, and preparing for the IB Diploma Exam, which will occur in early May. Students who do not successfully complete the IB Diploma Project and Exam will not be eligible to receive the IB Diploma.



## IB SL Math/Calculus: A 2 year course sequence

### IB SL Math/Calculus I (11<sup>th</sup> Graders Only)

**Course Number:** 473301A / 473302A

**Course Level:** Advanced

**Prerequisites:** Teacher Recommendation

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Adv Alg/Trig; Elective

**Course Duration:** 2 semesters

**Teacher Certification Required:** Mathematics

#### **COURSE DESCRIPTION**

Mathematics/Calculus is a 2-year course. In the first year, topics to be covered include coordinate geometry, linear, polynomial, exponential, logarithmic, and other types of functions and their graphs, equation solving, inequalities, trigonometry, including analytic and applications, systems of equations and inequalities, matrices, discrete math including probability, statistics, sequences and series and vectors. This college-level course emphasizes a multi-representational approach to Calculus, with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. The connections among these representations also are important. The course includes the study of functions, limits, derivatives, and integrals. Students are expected to take the College Board Advanced Placement exam in May. A graphing calculator is required.

In addition to mastering the course concepts listed above, students will complete the IB Diploma Project, and preparing for the IB Diploma Exam. Students who do not successfully complete the IB Diploma Project and Exam will not be eligible to receive the IB Diploma.

### IB SL Math/Calculus II (12<sup>th</sup> Graders Only)

**Course Number:** 473401A/473402A

**Course Level:** Advanced

**Prerequisites:** IB SL Math/Calculus I

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Math Elective

**Course Duration:** 2 semesters

**Teacher Certification Required:** Mathematics

#### **COURSE DESCRIPTION**

Mathematics/Calculus II is the second class in a two-year sequence. The second year of Mathematics consists of a rigorous look at topics in Calculus and more advanced topics in Probability and Statistics. This college-level course emphasizes a multi-representational approach to Calculus, with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. The connections among these representations also are important. The course includes the study of functions, limits, derivatives, and integrals. Students are expected to take the College Board Advanced Placement exam in May. A graphing calculator is required.

In addition to mastering the course concepts listed above, students will complete the IB Diploma Project, and preparing for the IB Diploma Exam. Students who do not successfully complete the IB Diploma Project and Exam will not be eligible to receive the IB Diploma.

## ELECTIVES

## Fulfill CPS Elective requirements

**Honors Pre-Calculus****Course Number:** 468101H / 468102H**Course Level:** Honors**Prerequisites:** Adv Alg w/Trig**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** Career Ed; Elective**Course Duration:** 2 semesters**Teacher Certification Required:** Mathematics**COURSE DESCRIPTION**

In Pre-Calculus, students will study advanced concepts in preparation for Calculus and/or other college level mathematics courses. Students should leave the course fluent in the manipulation of complex equations, understanding of mathematical relationships, and the ability to communicate and justify their thinking. All students should regularly be engaged in the Standards for Mathematical Practice as defined by the Common Core. Mathematical content should be addressed through the study of big ideas allowing students to see the connections between multiple concepts. The mathematical content of Pre-Calculus includes Operations with Complex Numbers, Vectors and Matrices, Inverse Functions, Composition of Functions, Trigonometric Functions and Identities, and Probability. Students will be expected to develop more advanced problem-solving methods and precisely communicate their in-depth understanding of the mathematical concepts covered. Students will also be asked to make connections across mathematical ideas while justifying their thinking and strategies. Successful completion of Pre-Calculus will prepare students for future AP or college level coursework in mathematics.

**Honors Probability and Statistics****Course Number:** 447101H / 447102H**Course Level:** Honors**Prerequisites:** Adv Alg w/Trig**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** Career Ed; Elective**Course Duration:** 2 semesters**Teacher Certification Required:** Mathematics**COURSE DESCRIPTION**

This course includes the concepts and skills needed to apply statistical techniques in the decision-making process. Students will learn the basics about populations and samples and how to design, implement, collect and interpret a study, and learn the basics of hypothesis testing. This will allow students to build interdisciplinary connections with other subjects and with their world outside school. The course will include the use of graphing calculators and computer programs. In this honors class, students will be expected to develop more advanced problem-solving methods and precisely communicate their in-depth understanding of the mathematical concepts covered. Students will also be asked to make connections across mathematical ideas while justifying their thinking and strategies.

## DUAL CREDIT

Course	ACT	SAT	Other
Math 118, 140, 143	21-23	500-550	<ul style="list-style-type: none"> <li>• 90% Attendance or Recommendation</li> <li>• 2.5 GPA or Recommendation</li> </ul>
Math 141, 143	24 and above	560 and above	

**Dual Cred Math 118/MATHEMATICS 118****Course Number:** 475211A / 475212A**Prerequisites:** 12<sup>th</sup> graders only; see below**Type of HS Credit Earned:** Math Elective**Course Duration:** 2 semesters**Course Level:** Advanced**Number of Credit Earned:** 1.0**Number of College Hours Earned:** 4**Teacher Certification Required:** Masters in Mathematics**COURSE DESCRIPTION:**

This course is designed to fulfill general education requirements. It is not designed as a Prerequisite for any other college mathematics course. This course focuses on mathematical reasoning and the solving of real-life problems. Three topics are to be studied in depth, chosen from the following list: counting techniques and probability, game theory, geometry, graph theory, linear programming, logic/set theory, mathematics of finance, and statistics. Mathematical modeling must be integrated.

**Dual Cred Math 143/Pre-Calculus****Course Number:** 468211A / 468212A**Prerequisites:** 12<sup>th</sup> graders only; see below**Type of HS Credit Earned:** Math Elective**Course Duration:** 2 semesters**Course Level:** Advanced**Number of Credit Earned:** 1.0**Number of College Hours Earned:** 6**Teacher Certification Required:** Masters in Mathematics

Pre-Calculus mathematics focuses on mathematical reasoning and solving problems to improve the mathematical skill of the student. The following topics from algebra and trigonometry are studied in depth: review of algebraic concepts, functions and graphs, conic sections, solution of systems of equations, theory of equations, sequences, series, binomial theorem, permutations and combinations, trigonometric functions and their graphs, trigonometric identities and equations, solution of triangles applications, inverse trigonometric functions. The use of graphing calculators and computers is strongly recommended. Writing assignments, as appropriate to the discipline, are part of the course.

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## World Language Department

- Students are required to complete TWO years of the SAME language.
- Students must receive a recommendation from their CURRENT World Language teacher for placement in AP and/or IB Diploma classes.
- All courses fulfill graduation requirements.
- All courses are year-long (2 semesters).

**Honors IB MYP French I****Course Number:** 562101H/562102H**Course Level:** Honors**Prerequisites:** None**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** World Language**Course Duration:** 2 semesters**Teacher Certification Required:** World Language Certification in French at the High School Level**COURSE DESCRIPTION**

This course introduces the students to basic vocabulary and fundamental sentence structures in the present and past. Pronunciation, grammar, and everyday vocabulary are stressed as indispensable tools for comprehension and expression. Through listening, speaking, reading and writing activities, students will become familiar with the vocabulary necessary to deal with everyday situations in French. Students will start to develop cultural awareness and the ability to recognize the products, practices and perspectives of the French culture. Students practice speaking French in every class, take regular written and oral examinations and develop projects on local and international French-speaking communities.

**Honors IB MYP French II****Course Number:** 562201H / 562202H**Course Level:** Honors**Prerequisites:** French I**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** World Language**Course Duration:** 2 semesters**Teacher Certification Required:** World Language Certification in French at the High School Level**COURSE DESCRIPTION**

In this course students will review and build on the vocabulary themes and language structures covered in French I. While learning new vocabulary, students will continue to explore the cultures of French speaking areas in Europe, Canada, Africa, and the Caribbean. Various listening, speaking, reading and writing activities will help students become fluent in authentic language use situations.

**Honors IB MYP Spanish I****Course Number:** 568101H / 568102RH**Course Level:** Honors**Prerequisites:** none**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** World Language**Course Duration:** 2 semesters**Teacher Certification Required:** World Language Certification in Spanish at the High School Level**COURSE DESCRIPTION**

This course is designed to introduce non-native Spanish-speaking students to basic functional proficiency in Spanish with an emphasis on vocabulary development. Students will learn basic conversational topics, such as greetings and farewells, making descriptions of yourself and others, finding out information, talking about one's family, ordering food, identifying personal belongings, identifying public buildings and places, making plans, making purchases, etc. The course enhances four skills: listening, speaking, reading and writing. The emphasis is on student-student and student-teacher interactions to stimulate real-world situations. Students practice speaking Spanish in every class, take regular written and oral examinations and develop projects on local and international Spanish-speaking communities.

**Honors IB MYP Spanish II****Course Number:** 568201H / 568202H**Course Level:** Honors**Prerequisites:** Spanish I**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** World Language**Course Duration:** 2 semesters**Teacher Certification Required:** World Language Certification in Spanish at the High School Level**COURSE DESCRIPTION**

This intermediate course is designed to introduce students to more advanced grammar structures in Spanish with an emphasis on sentence structure and verb tenses. It continues to enhance and further develop the four basic skills: listening, speaking, reading and writing. Students will be able to speak and write in the present tense, past tense, and future tense plus the use of high frequency irregular verbs. Students will be able to read long passages and write paragraphs and short essays. The course focuses on the communicative-based approach that emphasizes fluency. As a result, students will engage in oral skits that model common real-life situations. Students continue to expand their knowledge of the culture and of the traditions of Spanish-speaking countries.

**Honors Spanish III****Course Number:** 558301H / 558302H**Course Level:** Honors**Prerequisites:** Spanish II**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** World Language**Course Duration:** 2 semesters**Teacher Certification Required:** World Language Certification in Spanish at the High School Level**COURSE DESCRIPTION**

Spanish III builds on the principles taught in Spanish II in order to develop speaking, reading, listening, and writing skills more fully. The course expands on key grammatical points including past tenses, perfect tenses, commands, and the subjunctive mood. Students learn about the civilizations of both Spain and Latin America. Students read and are able to answer questions about selected literature in order to sharpen their comprehension skills.

**Honors Spanish IV****Course Number:** 558401H / 558402H**Course Level:** Honors**Prerequisites:** Spanish III**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** World Language**Course Duration:** 2 semesters**Teacher Certification Required:** World Language Certification in Spanish at the High School Level**COURSE DESCRIPTION**

In this course students become familiar with major grammar structures and will be able to interpret the language with reasonable accuracy. The development of conversational skills is continued and there is an introduction to literature and creative writing. This class is conducted in Spanish.

**Honors Latin I****Course Number:** 531101H / 531102H**Course Level:** Honors**Prerequisites:** none**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** World Language**Course Duration:** 2 semesters**Teacher Certification Required:** Latin

**COURSE DESCRIPTION**

This course is designed for students with little or no knowledge of Latin but who have the desire to study the romance languages and are interested in the Latin language as the root of Western culture and civilization. Students will be exposed to the Latin language and culture, emphasizing basic grammar and syntax, simple vocabulary, and the influence of Latin on current English words. Students will be able to read and write in Latin on a basic level.

**INTERNATIONAL BACCALAUREATE PROGRAMME****IB HL French B: A 2 year course sequence****IB HL French B I (11th Graders only)****Course Number:** 562101A / 562102A**Course Level:** Advanced**Prerequisites:** Teacher recommendation**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** World Language; Career Ed; Electives**Course Duration:** 2 semesters**Teacher Certification Required:** French**COURSE DESCRIPTION**

This is a language acquisition course for students with some previous experience of learning the language. While studying the language, students also explore the culture(s) connected with it. Higher and standard levels are differentiated by the depth of syllabus coverage, the required study or literature at HL, and the level of difficulty and requirements of the assessment tasks and criteria. The course is organized into themes. Three core themes are required: communication and media, global issues, and social relationships. In addition, teachers select two more themes from five options provided. Finally, two works of literature are studied at HL only.

**IB HL French B II (12th Graders Only)****Course Number:** 562201A / 562202A**Course Level:** Advanced**Prerequisites:** IB HL French B I**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** World Language; Career Ed; Electives**Course Duration:** 2 semesters**Teacher Certification Required:** French**COURSE DESCRIPTION**

This is a language acquisition course for students with some previous experience of learning the language. While studying the language, students also explore the culture(s) connected with it. Higher and standard levels are differentiated by the depth of syllabus coverage, the required study or literature at HL, and the level of difficulty and requirements of the assessment tasks and criteria. The course is organized into themes. Three core themes are required: communication and media, global issues, and social relationships. In addition, teachers select two more themes from five options provided. Finally, two works of literature are studied at HL only.

**IB HL Spanish B: A 2 year course sequence****IB HL Spanish B I (11th Graders only)****Course Number:** 568101A / 568102A**Course Level:** Advanced**Prerequisites:** Teacher recommendation**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** World Language; Career Ed; Electives**Course Duration:** 2 semesters**Teacher Certification Required:** Spanish

**COURSE DESCRIPTION**

This is a language acquisition course for students with some previous experience of learning the language. While studying the language, students also explore the culture(s) connected with it. Higher and standard levels are differentiated by the depth of syllabus coverage, the required study or literature at HL, and the level of difficulty and requirements of the assessment tasks and criteria. The course is organized into themes. Three core themes are required: communication and media, global issues, and social relationships. In addition, teachers select two more themes from five options provided. Finally, two works of literature are studied at HL only.

**IB HL Spanish B II (12th Graders Only)**

**Course Number:** 568201A / 568202A

**Course Level:** Advanced

**Prerequisites:** IB HL Spanish B I

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** World Language; Career Ed; Electives

**Course Duration:** 2 semesters

**Teacher Certification Required:** Spanish

**COURSE DESCRIPTION**

This is a language acquisition course for students with some previous experience of learning the language. While studying the language, students also explore the culture(s) connected with it. Higher and standard levels are differentiated by the depth of syllabus coverage, the required study or literature at HL, and the level of difficulty and requirements of the assessment tasks and criteria. The course is organized into themes. Three core themes are required: communication and media, global issues, and social relationships. In addition, teachers select two more themes from five options provided. Finally, two works of literature are studied at HL only.

**DUAL CREDIT**

Course	ACT	SAT	Other
English, Law, Language	21 and above	490 and above	<ul style="list-style-type: none"> <li>• 90% Attendance or Recommendation</li> <li>• 2.5 GPA or Recommendation</li> </ul>

**FRENCH 101/102: First Course French**

**Course Number:** TBA

**Course Level:** Advanced

**Prerequisites:** Placement Test

**Number of Credits Earned:** 1.0

**Type of HS Credit Earned:** Elective

**College Credit Hours:** 4

**Course Duration:** 2 semesters

**Teacher Certification Required:** Master's degree in French

**COURSE DESCRIPTION**

Pronunciation and basic structures, speech patterns, reading, and writing skills. Writing assignments, as appropriate to the discipline, are part of the course. Student will receive both high school and college credit.

## Fine Arts Department

- Students are required to complete TWO years of Fine Arts, which must include two different credits from the following subjects: music, art, dance, and drama.
- Students must receive a recommendation from their CURRENT Fine Arts teacher for placement in AP and/or IB Diploma classes.
- All courses fulfill graduation requirements.
- All courses are year-long (2 semesters).

### GENERAL MUSIC

#### **IB MYP Music Theory I: Fee \$35.00**

**Course Number:** 965111H / 965112H

**Prerequisites:** IB MYP Cohort student

**Type of Graduation Credit Earned:** Fine Arts – Music

**Teacher Certification Required:** Music

**Course Level:** Honors

**Number of Credits Earned:** 1.0

**Course Duration:** 2 semesters

#### **COURSE DESCRIPTION**

The International Baccalaureate Middle Years Programme (MYP) is a philosophy of teaching and an approach to instruction. Students in the MYP explore significant content, develop skills, and deepen conceptual understanding through their engagement with global contexts. Teachers will plan using the MYP objectives and assess using the MYP criteria. During this course, students will study scales, harmony, melody, form, pitch and ear-training. Keyboard skills preferred but not required. Students taking this course should have some performance experience or an aptitude for music. As an honors credit, students in this course will have more assignments and responsibilities than students in a regular course.

#### **IB MYP GENERAL MUSIC: Fee \$35.00**

**Course Number:** 976101H/976102H

**Prerequisites:** None

**Type of Graduation Credit Earned:** Fine Arts – Music

**Teacher Certification Required:** Music

**Course Level:** Honors

**Number of Credits Earned:** 1.0

**Course Duration:** 2 semesters

#### **COURSE DESCRIPTION**

The International Baccalaureate Middle Years Programme (MYP) is a philosophy of teaching and an approach to instruction. Students in the MYP explore significant content, develop skills, and deepen conceptual understanding through their engagement with global contexts. Teachers will plan using the MYP objectives and assess using the MYP criteria. This course is designed for students who are primarily non-performers. Basic music theory, music history and music appreciation is taught. Students are taught critical listening skills through the study of composers and music eras. Performance on recorders or like instruments can be incorporated into the course. No previous experience is necessary.



## INSTRUMENTAL MUSIC

### **Beginning Guitar: Fee \$60.00**

**Course Number:** 971101R / 971102R

**Prerequisites:** None

**Type of Graduation Credit Earned:** Fine Arts – Music

**Teacher Certification Required:** Music

**Course Level:** Regular

**Number of Credits Earned:** 1.0

**Course Duration:** 2 semesters

#### **COURSE DESCRIPTION**

This is an entry-level course designed for students desirous on learning to perform the guitar. Notation, rhythm, pitch, time signature, meter will be stressed. Students are expected to perform scales, simple chords and melodies. Individual and group training will be incorporated into this class. No previous experience is needed.

### **IB MYP Beginning Band: Fee \$60.00**

**Course Number:** 938121H

**Prerequisites:** None

**Type of Graduation Credit Earned:** Fine Arts – Music

**Teacher Certification Required:** Music

**Course Level:** Honors

**Number of Credits Earned:** 1.0

**Course Duration:** 2 semesters

#### **COURSE DESCRIPTION**

IB MYP Beginning Band is an entry level course designed for students desirous to learn to perform on wind or percussion instruments; including, but not limited to: flute, clarinet, saxophone, bassoon, oboe, trumpet, French horn, trombone, euphonium, tuba, batter and mallet percussion. Notation, rhythm, pitch, time signature, meter will be stressed. Individual and group training will be incorporated into this class. 90% classroom/rehearsal-10% performance. As an honors credit, students in this course will have more assignments and responsibilities than students in a regular course.

### **Intermediate Band: Fee \$130.00**

**Course Number:** 948101H / 948102H

**Prerequisites:** Beginning Band and/or  
Teacher Recommendation

**Type of Graduation Credit Earned:** Fine Arts – Music; Elective

**Course Duration:** 2 semesters

**Course Level:** Honors

**Number of Credits Earned:** 1.0

**Teacher Certification Required:** Music

#### **COURSE DESCRIPTION**

This class is designed for the student who is not prepared to perform independently in an ensemble setting. In addition to individual attention, this class will rehearse in solo, ensemble and large organizations performing advanced-beginning and intermediate level music. Students can perform solos and ensembles on the local level. Honors credit may be earned with extra classroom responsibilities, performance opportunities, increased music theory instruction, and/or other opportunities at director discretion. Students can perform solos and ensembles on the local level.

**Advanced Band I: Fee \$130.00****Course Number:** 958101H / 958102H**Course Level:** Honors**Prerequisites:** Beginning or Intermediate Band and/or Teacher Recommendation**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** Fine Arts – Music; Career Ed; Elective**Course Duration:** 2 semesters**Teacher Certification Required:** Music**COURSE DESCRIPTION**

This course is designed for the 1st year advanced student who has experience in instrumental performance on music specifically written for band. This course prepares the student to perform independently in solo, ensemble and large organizations at the local level; and must participate in all performances. Student are encouraged to audition for and perform in all-city and state district bands. These students music successfully participate in local recitals, city and state solo and ensemble contests. Private lessons are encouraged but not necessary. Additional performance requirements can be added based on teacher discretion.

**Advanced Band II: 958201H / 958202H Fee \$130.00****Advanced Band III: 958301H / 958302H Fee \$130.00****Course Level:** Honors**Prerequisites:** Advanced Band I and Teacher Recommendation**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** Fine Arts – Music; Career Ed; Elective**Course Duration:** 2 semesters**Teacher Certification Required:** Music**COURSE DESCRIPTION**

These courses are designed for the 2nd, 3rd and 4th advanced year student who has experience in instrumental performance on music specifically written for band. This course prepares the student to perform independently in solo, ensemble and large groups performances at the school/community and city levels; and must participate in all performances. In addition to the requirements for ADVANCED BAND II, III or IV, students are encouraged to actively audition for and perform in all-city and state district bands. Students must successfully participate in local recitals, city and state solo and ensemble festivals/contests. Private lessons are encouraged but not necessary. Additional performance requirements can be added based on teacher discretion.

**Jazz Band I: Fee \$75.00****Course Number:** 944101H / 944102H**Course Level:** Honors**Prerequisites:** None**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** Fine Arts – Music; Career Ed; Elective**Course Duration:** 2 semesters**Teacher Certification Required:** Music**COURSE DESCRIPTION**

This class is designed for students who are desirous in learning and performing jazz music. Students taking this course must have had previous experience and perform at a high level of proficiency. Jazz style, history will be incorporated in the classroom regimen. Improvisation will be highly stressed. Can perform in a large ensemble or smaller groups (combos) at the school/community level. In addition to the requirements for JAZZ BAND I, HONORS students are encouraged to actively audition for and perform in all-city and state/district bands. Students must participate in local recitals,

performances and festivals at the school/community level. Performance in small combos is encouraged but not required. Additional performance requirements can be added based on teacher discretion.

**Jazz Band II: 944201H / 944201H : Fee \$75.00**

**Jazz Band III: 944301H / 944301H: Fee \$75.00**

**Prerequisites:** Jazz Band I, II, III H and  
Teacher Recommendation

**Course Level:** Honors

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Fine Arts – Music; Career Ed; Elective

**Course Duration:** 2 semesters

**Teacher Certification Required:** Music

### **COURSE DESCRIPTION**

These classes are designed for students who are desirous in learning and performing jazz music. Students taking this course must have had previous experience and perform at a high level of proficiency. Jazz style, history will be incorporated in the classroom regimen. Improvisation will be highly stressed. Must have performance experience. Can perform in large ensembles or smaller groups (combos) at the local and city levels. In addition to the requirements of JAZZ BAND II, III, IV HONORS students are encouraged to actively audition for and participate in all-city and district bands at the local / community and city/district levels. Participation in small combos encouraged but not required. Additional performance requirements can be added at the discretion of the teacher.

**Marching Band: Fee \$130.00**

**Course Number:** 948201R / 948202R

**Course Level:** Regular

**Prerequisites:** Teacher Recommendation

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Fine Arts – Music; Career Ed; Elective, PE

**Course Duration:** 2 semesters

**Teacher Certification Required:** Music

### **COURSE DESCRIPTION**

Marching Band is designed for students who are prepared to perform independently in an ensemble setting that balances advanced and intermediate level music with moderate to vigorous physical activity to carry out drill and/or parade formations. Course will prepare students to perform for parades, football games, and other athletic/ outdoor venues.

## VOCAL MUSIC

**Beginning Female Chorus: Fee \$35.00**

**Course Number:** 946101R/946102R

**Course Level:** Regular

**Prerequisites:** None

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Fine Arts – Music; Career Ed; Elective, PE

**Course Duration:** 2 semesters

**Teacher Certification Required:** Music

### **COURSE DESCRIPTION**

This course is the entry-level course for female students desirous on learning proper vocal techniques for the female voice. 90% Classroom-rehearsal /10% Performance. No previous experience required. Honors credit may be earned with extra classroom responsibilities,

performance opportunities, increased music theory instruction, and/or other opportunities at director discretion. No previous experience required.

**Beginning Mixed Chorus: Fee \$35.00**

**Course Number:** 956101R/956101R

**Course Level:** Regular

**Prerequisites:** None

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Fine Arts – Music; Career Ed; Elective, PE

**Course Duration:** 2 semesters

**Teacher Certification Required:** Music

**COURSE DESCRIPTION**

This course is the entry-level course for male and female students desirous on learning proper vocal techniques. Basic music training will also be given in rhythm, pitch, sight-singing, solfege. No previous experience required. Honors credit may be earned with extra classroom responsibilities, performance opportunities, increased music theory instruction, and/ or other opportunities at director discretion. No previous experience required.

**Intermediate Mixed Chorus: Fee \$35.00**

**Course Number:** 959101H/959102H

**Course Level:** Honors

**Prerequisites:** Beg. Mixed Chorus  
Or Teacher Recommendation

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Fine Arts – Music; Career Ed; Elective, PE

**Course Duration:** 2 semesters

**Teacher Certification Required:** Music

**COURSE DESCRIPTION**

This course is designed for the male and/or female vocal students who wish to continue performing vocal music in a mixed choral setting but requires more vocal experience. Performance opportunities will become available based on proficiency.

**Advanced Mixed Chorus I: Fee \$35.00**

**Course Number:** 966101H/966102H

**Course Level:** Honors

**Prerequisites:** Any Beg. or Mixed Chorus  
and Teacher Recommendation

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Fine Arts – Music; Career Ed; Elective, PE

**Course Duration:** 2 semesters

**Teacher Certification Required:** Music

**COURSE DESCRIPTION**

This course is designed for the 1st year advanced male and female vocalists who have experience in vocal performance on music specifically written for the mixed chorus. Students must successfully participate in solo, ensemble and large group performances at the school/ community level; and must participate in all performances. In addition to the requirements for ADVANCED MIX CHORUS I, students are encouraged to actively audition for and perform in all-city and state district choruses. Students must successfully participate in school/ community events and city and state solo and ensemble contests/festivals. Private lessons are encouraged but not required. Additional performance requirements can be added on the basis of teacher discretion.

**Advanced Mix Chorus II: Fee \$35.00****Course Number:** 966201H/966202H**Course Level:** Honors**Prerequisites:** Advanced Mix Chorus I  
and Teacher Recommendation**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** Fine Arts – Music; Career Ed; Elective, PE**Course Duration:** 2 semesters**Teacher Certification Required:** Music**COURSE DESCRIPTION**

These courses are designed for the 2nd or 3rd year advanced male and female vocalists who have experience in vocal performance on music specifically written for the mixed chorus. Students must successfully participate in solo, ensemble and large group performances at the school/community and city level; and must participate in all performances. In addition to the requirements for ADVANCED MIX CHORUS I, students are encouraged to actively audition for and perform in all-city and state district choruses. Students must successfully participate in school/ community events and city and state solo and ensemble contests/festivals. Private lessons are encouraged but not required. Additional performance requirements can be added on the basis of teacher discretion.

**FINE ARTS: VISUAL****IB MYP Art I (Fee: \$25.00)****Course Number:** 977101H / 977102H**Course Level:** Honors**Prerequisites:** None**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** Fine Arts: Visual**Course Duration:** 2 semesters**Teacher Certification Required:** Art**COURSE DESCRIPTION**

This is an intensive visual arts course that meets the high school graduation requirement. Students will plan and create both two and three-dimensional artwork using a variety of media, study International, national, and local artists, participate in critique sessions, learn about career opportunities in the arts, and understand the broader context of the art world and how their work fits in the discourse. Participants will also research and write artist statements and reports on the arts. Each student is required to explore and document ideas within a Developmental Workbook.

**Studio Drawing and Painting I: Fee \$35.00****Course Number:** 921101H / 921102H**Course Level:** Honors**Prerequisites:** Art I and Teacher Recommendation**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** Career Ed; Elective**Course Duration:** 2 semesters**Teacher Certification Required:** Art**COURSE DESCRIPTION**

During this secondary level course students will build on the skills acquired in Art I through more intensive projects in both wet and dry media. The class will examine historic and cultural traditions of these art forms and investigate various materials and techniques. Projects will include figure drawing, self-portraits and still life then progress to both realistic and abstract painting. An emphasis will be placed on student observation, color theory and color mixing as well as an expanded arts vocabulary through regular class critique. A sketchbook is required for developing ideas and composition.

**Graphic Arts I****Course Number:** 910001R/910002R**Course Level:** Regular**Prerequisites:** IBMYP Art I**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** Career Ed; Elective**Course Duration:** 2 semesters**Teacher Certification Required:** Art**COURSE DESCRIPTION**

This course emphasizes design elements and principles in the purposeful arrangement of images and text to communicate a message. There is a focus on creating art products such as advertisements, product designs, and identity symbols. Students will utilize computer software to design and develop contemporary works and also study the cultural and historical significance of master design works of different periods and styles.

## INTERNATIONAL BACCALAUREATE PROGRAMME

**IB SL Visual Arts: A 2 year course sequence****IB SL Visual Arts I (11th Graders Only) Fee \$30.00****Course Number:** 977301A / 977302A**Course Level:** Advanced**Prerequisites:** Teacher Recommendation**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** Fine Arts: Visual; Career Ed; Elective**Course Duration:** 2 semesters**Teacher Certification Required:** Art**COURSE DESCRIPTION**

Theory and practice in visual arts are dynamic and ever-changing, and connect many areas of study and human experience through individual and collaborative production and interpretation. This course enables students to engage in both practical exploration and artistic production, and in independent contextual, visual and critical investigation. The course is designed to enable students to study visual arts in higher education and also welcomes those students who seek life enrichment through visual arts. Students at HL have the opportunity to develop ideas and skills, and to produce a larger body of work, or work of greater depth. Students are assessed both externally and internally.

**IB SL Visual Arts II (12th Graders Only) Fee \$50.00****Course Number:** 977401A / 977402A**Course Level:** Advanced**Prerequisites:** IB SL Visual Arts I**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** Career Ed; Elective**Course Duration:** 2 semesters**Teacher Certification Required:** Art**COURSE DESCRIPTION**

Theory and practice in visual arts are dynamic and ever-changing, and connect many areas of study and human experience through individual and collaborative production and interpretation. This course enables students to engage in both practical exploration and artistic production, and in independent contextual, visual and critical investigation. The course is designed to enable students to study visual

**IB SL Theatre Arts: A 2 year course sequence****IB SL Theatre Arts I (11<sup>th</sup> Graders Only)****Course Number:** 978301A / 978302A**Prerequisites:** Teacher Recommendation**Type of Graduation Credit Earned:** Fine Arts –Drama; Career Ed; Elective**Course Duration:** 2 semesters**Course Level:** Advanced**Number of Credits Earned:** 1.0**Teacher Certification Required:** Theatre  
or English**COURSE DESCRIPTION**

The theatre course emphasizes the importance of working individually and as a member of an ensemble. Students are encouraged to develop the organizational and technical skills needed to express themselves creatively in theatre. A further challenge for students following this course is for them to become aware of their own perspectives and biases and to learn to understand and value those of others. At the core of the theatre course lies a concern with clarity of understanding, critical thinking, reflective analysis, effective involvement and imaginative synthesis—all of which should be achieved through practical engagement in theatre.

**IB SL Theatre Arts II (12<sup>th</sup> Graders Only)****Course Number:** 978401A / 978402A**Prerequisites:** IB SL Theatre Arts I**Type of Graduation Credit Earned:** Career Ed; Elective**Course Duration:** 2 semesters**Course Level:** Advanced**Number of Credits Earned:** 1.0**Teacher Certification Required:** Theatre  
or English**COURSE DESCRIPTION**

The theatre course emphasizes the importance of working individually and as a member of an ensemble. Students are encouraged to develop the organizational and technical skills needed to express themselves creatively in theatre. A further challenge for students following this course is for them to become aware of their own perspectives and biases and to learn to understand and value those of others. At the core of the theatre course lies a concern with clarity of understanding, critical thinking, reflective analysis, effective involvement and imaginative synthesis—all of which should be achieved through practical engagement in theatre.

**TECHNOLOGY****Exploring Computer Science—Required Course****Course Number:** 668201R/668202R**Prerequisites:** none**Type of Graduation Credit Earned:** Career Ed; Elective**Course Duration:** 2 semesters**Course Level:** Regular**Number of Credits Earned:** 1.0**Teacher Certification Required:**  
Computer Science**COURSE DESCRIPTION**

Exploring Computer Science is a nationally recognized introduction college predatory computer science course and includes curriculum, professional development, and assessments. ECS is composed of six foundational units with lessons that are designed to promote an inquiry-based

approach to teaching and learning foundational concepts in computer science and highlighting the computational practices and problem solving associated with doing computer science.

CTE Program: Computer Science for All (CSA)

## CAREER-RELATED INTERNATIONAL BACCALAUREATE PROGRAMME

### GAMING CONCEPTS: A TWO-YEAR SEQUENCE

#### **GAMING CONCEPTS I (11<sup>th</sup> graders only)**

**Course Number:** 721101H/722102H

**Course Level:** Honors

**Prerequisites:** IB MYP Technology

**Number of Credits Earned:** 2.0

**Type of Graduation Credit Earned:** Career Ed; Elective

**Course Duration:** 2 semesters

**Teacher Certification Required:**

Computer Science

#### **COURSE DESCRIPTION**

Students will employ concepts of Science, Technology, Engineering, Art and Technology to synthesize computer games. Students will learn the value of interdisciplinary teamwork while reflecting on their own personal strengths and weaknesses. Students will develop problem-solving skills in computer project design. Students will develop an understanding of the purpose of games, how modern video games are assembled and useful marketing distribution channels. Students will apply all areas of learning to design an original video game within budget and time constraints in a simulated team design studio setting. Students will master several software applications to aid in the design of computer games and associated assets.

CTE Program: Game Programming

#### **GAMING CONCEPTS II (12<sup>th</sup> graders only)**

**Course Number:** 721231H / 721232H

**Course Level:** Honors

**Prerequisites:** Gaming Concepts I

**Number of Credits Earned:** 2.0

**Type of Graduation Credit Earned:** Career Ed; Elective

**Course Duration:** 2 semesters

**Teacher Certification Required:**

Computer Science

#### **COURSE DESCRIPTION**

Students will explore all components needed to create an advance video game project. Composition sections focus on design, character, story, interaction, strategy, art, sound, simulation and programming. Using a variety of software, students will develop unique game stories and design role playing games. Industry standard documents will be created to guide design in a simulated design team environment. Assets such as 3D art, animated graphics, and sound will be integrated into finished designs. Physics will be simulated within the game environment. Programming basics will be utilized in a variety of computer languages to included Visual Basics, Python, Ruby and C++. The end results will be a portfolio of work to showcase mastery of the composition elements of video game design.

CTE Program: Game Programming



# Physical Education Department

- Students are required to complete FOUR years of Physical Education or JROTC; PE I and PE II must be taken.
- Students are required to complete one semester of Health and one semester of Driver Ed.
- All courses fulfill graduation requirements.

## **IBMYP PE I**

**Course Number:** 922101R / 922102R

**Course Level:** Regular

**Prerequisites:** None

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Physical Education I

**Course Duration:** 2 semesters – 1 PE, 1 Health

**Teacher Certification Required:** Physical Education

### **COURSE DESCRIPTION**

In IBMYP PE I-Health, Students will engage in a variety of physical activities designed to promote and develop lifelong health and skill related fitness. Experiences may include, but are not limited to: fitness based activities, fitness testing, health related concepts, individual and team activities, aquatics, and dance. Students will also engage in a classroom based health course that includes the following components of health; physical, spiritual, emotional, mental, environmental and social.

## **IBMYP PE II**

**Course Number:** 992201R / 992202R

**Course Level:** Regular

**Prerequisites:** None

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Physical Education II

**Course Duration:** 2 semesters (1 quarter Driver Ed)

**Teacher Certification Required:** Physical Education, Drivers Education

### **COURSE DESCRIPTION**

In IBMYP PE II, Students will engage in a variety of physical activities designed to promote and develop lifelong health and skill related fitness. Experiences may include, but are not limited to: fitness based activities, fitness testing, health related concepts, individual and team activities, aquatics, and dance. Students will have an opportunity to complete the driver's education requirement.

## **PE-Team Sports**

**Course Number:** 990301R / 990302R

**Course Level:** Regular

**Prerequisites:** PE I and PE II

**Number of Credits Earned:** .5

**Type of Graduation Credit Earned:** Physical Education I; Physical Education II; Career Ed; Elective

**Course Duration:** 1 semester

**Teacher Certification Required:** Physical Education

### **COURSE DESCRIPTION**

This course will focus on developing and maintaining health related and skill related fitness through participation in various team games and sports in a competitive setting. Team games and sports may include but not limited to: basketball, flag football, soccer, ultimate Frisbee, Pickleball, badminton, and volleyball.

**PE-Indv/Lifetime Activity****Course Number:** 990401R / 990402R**Course Level:** Regular**Prerequisites:** PE I and PE II**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** Physical Education I; Physical Education II; Career Ed; Elective**Course Duration:** 1 semester**Teacher Certification Required:** Physical Education**COURSE DESCRIPTION**

Students will engage in a variety of physical activities designed to promote and develop lifelong health and skill related fitness through participation in individual lifetime physical activities including but not limited to dance, bicycling, bowling, golf, ice/inline skating, jogging, martial arts, racquetball, skiing, tennis, walking and dancing.

## The Army Junior Reserve Officer's Training Corps (JROTC)

- Students are required to complete FOUR years of Physical Education **or JROTC**.
- JROTC requires wear of the JROTC Uniform once a week. Students unwilling to wear the uniform should not enroll in JROTC as the highest grade they could earn would be a "C."
- JROTC offers many co-curricular activities and service learning projects outside of the classroom in the evenings and on weekends. Two of these events are mandatory: the Annual Military Ball and the City of Chicago Memorial Day Parade.
- Additionally, we conduct weekly physical training with a semi-annual physical fitness test. The test includes a one mile run/walk, a shuttle run, pull-ups and sit-ups, and the sit and reach.
- All courses are year-long (2 semesters)

**IBMYP JROTC-A Ldr Ed Trn 1****Course Code:** 993111R/931112R**Course Level:** Regular**Prerequisites:** None**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** PE I; PE II; Career Ed; Elective**Recommended Course Duration:** 2 semesters**Teacher Certification Required:** Retired Officer or NCO, Certified as Army JROTC Instructor**COURSE DESCRIPTION**

Junior Reserve Officer Training Corps (JROTC) is a leadership education program. This program will help students build a strong knowledge base of self-discovery and leadership skills applicable to any leadership and managerial situations. Mastery of these standards through project-based learning, service learning and leadership development activities will prepare students for 21st Century leadership responsibilities. This laboratory course is designed to introduce students to the history, customs, traditions and purpose of the Army JROTC program. It teaches students strategies to maximize their potential for success through learning and self-management. Basic leadership skills to include leadership principles, values and attributes and communications skills are integrated throughout the course. High schools students develop an understanding of learning style preferences, multiple intelligences, emotional intelligence and study skills. These self-assessments will enable students to be self-directed learners. The JROTC curriculum is enhanced through physical

fitness activities, extracurricular and co-curricular activities that support the core employability skills standards and McRel academic standards.

### **IBMYP JROTC-A Ldr Ed Trn II**

**Course Code:** 993211R/993212R

**Course Level:** Regular

**Prerequisites:** IBMYP JROTC I

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** PE I; PE II; Career Ed; Elective

**Recommended Course Duration:** 2 semesters

**Teacher Certification Required:** Retired Officer or NCO, Certified as Army JROTC Instructor

### **COURSE DESCRIPTION**

This laboratory course is designed to build on the self-discovery skills sets taught in JROTC 1. As self-directed learners, students study the fundamentals citizenship skills, the foundation of the American political system and our Constitution. Personal responsibility and wellness is reinforced by diet, nutrition and physical fitness activities. Drug and alcohol awareness and prevention are reinforced. Students are placed in leadership roles that enable them to demonstrate an understanding of basic leadership principles, values and attributes.

### **JROTC-A Ldr Ed Trn III**

**Course Code:** 991041R/991042R

**Course Level:** Regular

**Prerequisites:** IBMYP JROTC II

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** PE I; PE II; Career Ed; Elective

**Recommended Course Duration:** 2 semesters

**Teacher Certification Required:** Retired Officer or NCO, Certified as Army JROTC Instructor

### **COURSE DESCRIPTION**

This laboratory course is designed to build on the self-discovery skills sets taught in JROTC 2. As self-directed learners, students study the fundamentals citizenship skills, the foundation of the American political system and our Constitution. Personal responsibility and wellness is reinforced by diet, nutrition and physical fitness activities. Drug and alcohol awareness and prevention are reinforced. Students are placed in leadership roles that enable them to demonstrate an understanding of basic leadership principles, values and attributes.

### **JROTC-A Ldr Ed Trn IV**

**Course Number:** 991041R/991042R

**Course Level:** Regular

**Prerequisite:** JROTC III

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** PE II; Career Ed; Elective

**Course Duration:** 2 semesters

**Teacher Certificate Required:** JROTC

### **COURSE DESCRIPTION**

This laboratory course is designed build on the leadership skills developed in JROTC 3. Students develop an in-depth understanding of the branches of military service. Intermediate leadership skills to include leadership principles, values and attributes and communications skills are integrated throughout the course. Financial planning skills are studied through the National Endowment for Financial Education. Fundamental teaching skills are introduced. The JROTC curriculum is enhanced through physical fitness activities, extracurricular and co-curricular activities that support the core employability skills standards and McRel academic standards.

# 7<sup>th</sup> and 8<sup>th</sup> Grade Academic Center

## Course Offerings by Year

7 <sup>th</sup> grade	8 <sup>th</sup> grade
Language Arts 7	Honors English 1*
Social Science 7	Honors Human Geography*
Honors Earth/Space Science*	Honors Biology*
Pre-Algebra/Math 7	Honors Algebra I*
Physical Education 7	Physical Education 8
Honors Language I*	Honors Language 2*
Writing*	Exploring Computer Science*

- 7<sup>th</sup> graders can earn 3 HS credits: Earth/Space Science, Language I, and Writing
- 8<sup>th</sup> graders can earn 6 HS credits: English I, Human Geography, Biology, Language II, and Exploring Computer Science
- AC students will take AP and Honors level courses during freshman and sophomore year, and will be eligible to move into the IBDP or IBCP during their junior year.
- All courses are year-long (2 semesters).

## 7<sup>th</sup> GRADE COURSES

### 7<sup>th</sup> grade Language Arts

**Course Number:** 188711N/188712N

**Prerequisites:** None

**Teacher Certification Required:** Middle School; English

**Course Level:** Non-credit bearing

**Course Duration:** 2 semesters

### **COURSE DESCRIPTION**

This course is part of the IB/MYP curriculum. As such, we will incorporate a strong focus on the development of the student as an empowered member of the world community. We will take an integrated approach to language arts: We will read high-quality texts (fiction and non-fiction) and improve our writing and grammar as we perform our explorations. This course will also emphasize SAT domains and dimensions, MYP objectives and common core standards. These skills and standards focus on you, the student, so that you can do well in any course, as well as prepare for college and for life beyond.

### 7<sup>th</sup> grade Social Science

**Course Number:** 268701N/268702N

**Prerequisites:** None

**Teacher Certification Required:** Middle School; Social Science

**Course Level:** Non-credit bearing

**Course Duration:** 2 semesters

### **COURSE DESCRIPTION**

This course, in keeping with the IB focus at Morgan Park, will help prepare students for future endeavors, with a strong focus on world citizenship. We will use a variety of high-level texts to explore history and the related fields of geography, civics, and anthropology. The textbook, *American Nation* by Prentice Hall, will be used as a resource; students will spend most of their time engaging with deeper texts to explore topics and themes such as power, labor, globalization, and

conflict resolution. As a class we will discover how these issues helped shape the lives of earlier Americans and how these same issues touch our lives today.

### **IB MYP Earth/Space Science**

**Course Number:** 335101H / 335102H

**Course Level:** Honors

**Prerequisites:** None

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** Lab Science

**Course Duration:** 2 semesters (120 hours of instructional study, 30 hours of laboratory work)

**Teacher Certification Required:** Science

#### **COURSE DESCRIPTION**

Earth and Space Science is a standard introductory course into the scientific study of earth's lithosphere, hydrosphere, atmosphere, and celestial environment that is designed for students who are developing their problem-solving and analytical skills. Students taking Earth and Space Science will regularly experience hands-on, inquiry-based learning opportunities. Students will engage in the Science and Engineering Practices as outlined in A Framework for K-12 Science Education and the Next Generation Science Standards to learn about essential Big Ideas such as energy sources and resources, Earth's place in the Universe, geo-sphere, and fluid sphere.

### **Pre-Algebra/Math 7**

**Course Number:**

**Course Level:** Regular

**Prerequisites:** None

**Course Duration:** 2 semesters

**Teacher Certification Required:** Middle School; Math

#### **COURSE DESCRIPTION**

Review of basic Algebraic concepts and preparation for Algebra I.

### **7<sup>th</sup> grade PE**

**Course Number:** 990711N/990712N

**Course Level:** Regular

**Prerequisites:** None

**Course Duration:** 2 semesters

**Teacher Certification Required:** Middle School; PE

#### **COURSE DESCRIPTION**

Students will engage in a variety of physical activities designed to promote and develop lifelong health- and skill-related fitness. Experiences may include, but are not limited to: fitness based activities, fitness testing, health-related concepts, individual and team activities, aquatics, and dance.

### **Honors IB MYP French I**

**Course Number:** 562101H/562102H

**Course Level:** Honors

**Prerequisites:** None

**Number of Credits Earned:** 1.0

**Type of Graduation Credit Earned:** World Language

**Course Duration:** 2 semesters

**Teacher Certification Required:** World Language Certification in French at the High School Level

**COURSE DESCRIPTION**

This course introduces the students to basic vocabulary and fundamental sentence structures in the present and past. Pronunciation, grammar, and everyday vocabulary are stressed as indispensable tools for comprehension and expression. Through listening, speaking, reading and writing activities, students will become familiar with the vocabulary necessary to deal with everyday situations in French. Students will start to develop cultural awareness and the ability to recognize the products, practices and perspectives of the French culture. Students practice speaking French in every class, take regular written and oral examinations and develop projects on local and international French-speaking communities.

**Honors IB MYP Spanish I****Course Number:** 568101H / 568102RH**Course Level:** Honors**Prerequisites:** none**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** World Language**Course Duration:** 2 semesters**Teacher Certification Required:** World Language Certification in Spanish at the High School Level**COURSE DESCRIPTION**

This course is designed to introduce non-native Spanish-speaking students to basic functional proficiency in Spanish with an emphasis on vocabulary development. Students will learn basic conversational topics, such as greetings and farewells, making descriptions of yourself and others, finding out information, talking about one's family, ordering food, identifying personal belongings, identifying public buildings and places, making plans, making purchases, etc. The course enhances four skills: listening, speaking, reading and writing. The emphasis is on student-student and student-teacher interactions to stimulate real-world situations. Students practice speaking Spanish in every class, take regular written and oral examinations and develop projects on local and international Spanish-speaking communities.

**Foundational Writing I****Course Number:** 144101R / 144102R**Course Level:** Regular**Prerequisites:** None**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** Career Ed; Elective**Course Duration:** 2 semesters**Teacher Certification Required:** English**COURSE DESCRIPTION**

This writing course will explore the entire cycle of the writing process, including pre-writing, drafting, responding, editing, and publishing. Students will explore various genres of writing, aligned to relevant strands of CCSS. Students will also review writing fundamentals, including structure, mechanics and grammar.

**8<sup>th</sup> GRADE COURSES****IB MYP English I****Course Number:** 178101H/178102H**Course Level:** Honors**Prerequisites:** None**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** English I**Course Duration:** 2 semesters**Teacher Certification Required:** English

**COURSE DESCRIPTION**

In IB MYP English I students will engage in grade level Common Core State Standards (CCSS) aligned reading and writing practices, through a wide range of literary and informational texts to bridge their learning from middle school to high school. Students will engage in practices to support their emerging mastery of the CCSS for Writing in their grade band, and express themselves in multiple writing formats including narratives, investigative reports, literary analyses, and research papers. Across all writing formats, students will write in the conventions of the CCSS writing modes. Students in IB MYP Survey of Literature will employ academic English in discussion that align to CCSS for Speaking & Listening.

**Human Geography****Course Number:** 277101R / 277102R**Course Level:** Regular**Prerequisites:** None**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** Other Social Science**Course Duration:** 2 semesters**Teacher Certification Required:** Social Science**COURSE DESCRIPTION**

This course will examine global issues through social, cultural, economic, geographical, historical, and political lenses. Students will analyze, synthesize, and connect global experiences through a variety of texts, and participate in discussions of major social theories to the current global situation. This course stresses the context in which globalization continues to emerge through investigations of the rise of global institutions, economics, politics, religion, colonialism, the media, social and culture issues, and global terrorism – and connect to how these impact us today.

**IB MYP Biology****Course Number:** 353101H /353102H**Course Level:** Honors**Prerequisites:** None; required for graduation**Number of Credits Earned:** 1.0**Type of Graduation Credit Earned:** Biology**Course Duration:** 2 semesters (120 hours of instructional study, 30 hours of laboratory work)**Teacher Certification Required:** Biology**COURSE DESCRIPTION**

IB MYP Biology is an introductory course into the scientific study of life and life processes that is designed for students who are developing their problem-solving and analytical skills. Students taking Biology will regularly experience hands-on, inquiry-based learning opportunities. Students will engage in the Science and Engineering Practices as outlined in A Framework for K-12 Science Education and the Next Generation Science Standards to learn about essential Big Ideas such as the structure, function and information processing, matter and energy in organisms, inheritance and variation of traits, natural selection, and evolution. As an honors class, students will be expected to engage in more advanced problem solving and extend their learning to science projects outside of the classroom. Successful completion of Biology H will prepare students for future honors and AP coursework.

**Algebra for Middle Grades****Course Number:** 999851N/999852N**Prerequisites:** None**Type of Graduation Credit Earned:** Algebra (if Algebra Exit Exam is passed)**Number of Credits Earned:** 1.0 (if Algebra Exit Exam is passed)**Course Duration:** 2 semesters**Teacher Certification Required:** Mathematics**COURSE DESCRIPTION**

In Algebra for Middle Grades students begin to study number properties more generally and become fluent at manipulating symbols with multiple step methods. All students should regularly be engaged in the Standards for Mathematical Practice as defined by the Common Core. Mathematical content should be addressed through the study of big ideas allowing students to see the connections between multiple concepts. The mathematical content includes Properties of Rational and Irrational Numbers, Creating and Interpreting Expressions and Equations, Linear Equations and Inequalities, including Linear Systems, Solving Quadratic Equations using Multiple Methods, Interpreting and Building Functions using Proper Function Notation, and Summarizing, Representing, and Interpreting Data. Students will be expected to develop more advanced problem-solving methods and precisely communicate their in-depth understanding of the mathematical concepts covered. Students will also be asked to make connections across mathematical ideas while justifying their thinking and strategies.

**8<sup>th</sup> grade PE****Course Number:** 990811N/990812N**Course Level:** Regular**Prerequisites:** None**Course Duration:** 2 semesters**Teacher Certification Required:** Middle School; PE**COURSE DESCRIPTION**

Students will engage in a variety of physical activities designed to promote and develop lifelong health- and skill-related fitness. Experiences may include, but are not limited to: fitness based activities, fitness testing, health-related concepts, individual and team activities, aquatics, and dance.



# APPENDIX A

## HIGH SCHOOL GRADUATION REQUIREMENTS

The following requirements were written with the intention of preparing our students for success in a variety of experiences after high school. While these requirements align to the entrance requirements for the state universities of Illinois, they were also written to prepare students for a variety of careers right out of high school.

SUBJECT AREA	CREDITS REQUIRED	DESCRIPTION
English	4	English I and II must be taken. Several courses meet the English III and IV requirements.
Mathematics	3	Algebra, Geometry, Advanced Algebra/Trigonometry (or equivalent) are required.
Science	3	Biology is required along with two additional credits of laboratory Science from the following options: Chemistry, Earth/Space Science, Environmental Science, or Physics. AP and IB options are available.
Social Studies	3	World Studies and U.S. History are required along with one Social Science elective. Incoming 9 <sup>th</sup> graders (class of 2020) will be required to take Civics (or its equivalent) as their third social science elective.
World Language	2	Two years of the same world language are required.
Fine Arts	2	Two credits are required in any of the following four categories: Music, Theatre/Drama, Dance, Visual Art/Drafting.
Physical Education/ROTC	4	PE I and PE II are required, with Health included in one semester of PE I and Driver Education as one semester of PE II. 2 credits of PE Electives (or their equivalent) must be taken during 11 <sup>th</sup> and 12 <sup>th</sup> grades. ROTC courses may take the place of PE courses.
Advanced Academic/ Career Education / ROTC	1	Advanced Academics are courses in a core subject area that are not aligned to the above graduation requirements or meet those already satisfied by the student. CTE programs will satisfy this requirement, as will ROTC III and IV.
Computer Science	1	Incoming freshmen (Class of 2020) must take a computer science course during their HS career.
Electives	3	Most courses that are in the catalog will meet the Elective requirement. Electives should be chosen with student's future goals in mind
Total	24	
<b>Non Credit-Bearing Requirements</b>		
Service Learning	Based on their school of attendance, students must complete 1 classroom-integrated project and 25 individual hours; 2 classroom-integrated projects and 15 individual hours; or 3 classroom-integrated projects. Students must complete one project by the end of sophomore year in order to be promoted to junior status.	
Public Law 95	Students must pass a test in which they demonstrate knowledge of the U.S. and Illinois Constitutions. This is often part of the U.S. History curriculum.	
Consumer Education	Students must complete a course that integrates Consumer Education curriculum. This content is covered in many Social Science elective classes.	

***A failure in any required course must be made up in Evening School or Summer School.***

## APPENDIX B

### COURSES OF STUDY

Revised Incoming College Prep

Requirements: IBMYP courses

9 <sup>th</sup> grade (Class of 2021)	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
Honors English I	Honors English 2	Entry into IBDP/IBCP Program (OR) Honors English 3 (OR) AP English Lit	Honors English 4 (OR) AP English Lit (OR) DC English (OR) Dual Enrollment English
Honors World Studies	Honors US History (includes PL 195)	Entry into IBDP/IBCP Program (OR) Honors Civics (OR) AP Government	AP Psychology (OR) AP Government (OR) Honors Economics (OR) Honors Law (OR) Honors Contemporary American History (OR) Honors Psychology (OR) DC Law (OR) Dual Enrollment Social Science
Honors Biology	Honors Chemistry	Entry into IBDP/IBCP Program (OR) Honors Physics (OR) Environmental Science	Honors Physics (OR) Environmental Science (OR) Earth/Space Science (OR) Honors Forensics (OR) Honors Anatomy & Physiology
Honors Algebra 1 (OR) Honors Geometry	Honors Geometry (OR) Honors Adv. Alg Trig	Entry into IBDP/IBCP Program (OR) Honors Adv Alg Trig (OR) Honors Pre-Calculus	Honors Pre-Calculus (OR) DC Math 118 (OR) DC Math 143
Honors Language I	Honors Language 2	Entry into IBDP/IBCP Program (OR) Language 3 (OR) Elective*	Language 4 (OR) Elective*
PE I/Health (OR) JROTC 1	PE 2/Driver Ed (OR) JROTC 2	Entry into IBDP/IBCP Program (OR) PE 3 (OR) JROTC 3 (OR) Marching Band	PE 4 (OR) JROTC 4 (OR) Marching Band
Writing	Music (OR) Art (OR) Exploring Computer Science (if interested in IBCP)	Entry into IBDP/IBCP Program (OR) Exploring Computer Science	Elective*

\* Newspaper, Yearbook, Science elective, Social Science elective, English elective, Studio Drawing, Graphic Design, Advanced Band, Advanced Chorus, One Goal, individual IBDP courses

Incoming IBMYP Cohort  
Requirements: Approved IBMYP courses

9 <sup>th</sup> grade (Class of 2021)	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
Honors English I	Honors English 2	Entry into IBDP/IBCP Program (OR) Honors English 3 (OR) AP English Lit	Honors English 4 (OR) AP English Lit (OR) DC English (OR) Dual Enrollment English
Honors World Studies	Honors US History (includes PL 195)	Entry into IBDP/IBCP Program (OR) Honors Civics (OR) AP Government	AP Psychology (OR) AP Government (OR) Honors Economics (OR) Honors Law (OR) Honors Contemporary American History (OR) DC Law (OR) Dual Enrollment Social Science
Honors Biology	Honors Chemistry	Entry into IBDP/IBCP Program (OR) Honors Physics (OR) Environmental Science	Honors Physics (OR) Environmental Science (OR) Earth/Space Science (OR) Honors Forensics (OR) Honors Anatomy & Physiology
Honors Algebra 1 (OR) Honors Geometry	Honors Geometry (OR) Honors Adv. Alg Trig	Entry into IBDP/IBCP Program (OR) Honors Adv Alg Trig (OR) Honors Pre-Calculus	Honors Pre-Calculus (OR) DC Math 118 (OR) DC Math 143
Honors Language I	Honors Language 2	Entry into IBDP/IBCP Program (OR) Language 3 (OR) Elective*	Language 4 (OR) Elective*
PE I/Health (OR) JROTC 1	PE 2/Driver Ed (OR) JROTC 2	Entry into IBDP/IBCP Program (OR) PE 3 (OR) JROTC 3 (OR) Marching Band	PE 4 (OR) JROTC 4 (OR) Marching Band
Music Theory	Art (OR) Exploring Computer Science (if interested in IBCP)	Entry into IBDP/IBCP Program (OR) Exploring Computer Science	Elective*

\* Newspaper, Yearbook, Science elective, Social Science elective, English elective, Studio Drawing, Graphic Design, Advanced Band, Advanced Chorus, One Goal, individual IBDP courses

### Incoming WLIS Cohort

Requirements: 4 years of the same language, 4 years of social science, at least 2 AP/DP courses

9 <sup>th</sup> grade (Class of 2021)	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
Honors English I	Honors English 2	Entry into IBDP/IBCP Program (OR) Honors English 3 (OR) AP English Lit	Honors English 4 (OR) AP English Lit (OR) DC English (OR) Dual Enrollment English
Honors World Studies	Honors US History (includes PL 195)	Entry into IBDP/IBCP Program (OR) Honors Civics (OR) AP Government	AP Psychology (OR) AP Government (OR) Honors Economics (OR) Honors Law (OR) Honors Contemporary American History (OR) DC Law (OR) Dual Enrollment Social Science
Honors Biology	Honors Chemistry	Entry into IBDP/IBCP Program (OR) Honors Physics (OR) Environmental Science	Honors Physics (OR) Environmental Science (OR) Earth/Space Science (OR) Honors Forensics (OR) Honors Anatomy & Physiology
Honors Algebra 1 (OR) Honors Geometry	Honors Geometry (OR) Honors Adv. Alg Trig	Entry into IBDP/IBCP Program (OR) Honors Adv Alg Trig (OR) Honors Pre-Calculus	Honors Pre-Calculus (OR) DC Math 118 (OR) DC Math 143
Honors Language I	Honors Language 2	Entry into IBDP/IBCP Program (OR) Language 3 (OR) Elective+	Language 4 (OR) Elective+
PE I/Health (OR) JROTC 1	PE 2/Driver Ed (OR) JROTC 2	Entry into IBDP/IBCP Program (OR) PE 3 (OR) JROTC 3 (OR) Marching Band	PE 4 (OR) JROTC 4 (OR) Marching Band
Writing	Music (OR) Art (OR) Exploring Computer Science (if interested in IBCP)	Entry into IBDP/IBCP Program (OR) Exploring Computer Science	Elective*

\* Newspaper, Yearbook, Science elective, Social Science elective, English elective, Studio Drawing, Graphic Design, Advanced Band, Advanced Chorus, One Goal, individual IBDP courses

### Junior and Senior IB Diploma Programme

Requirements: Approved IBMYP & IBDP courses

9 <sup>th</sup> grade (Class of 2021)	10th grade	11th grade	12th grade
Course of Study is the same as IBMYP Cohort		HL Eng A World Lit I*	HL Eng A World Lit 2
		HL History I	HL History 2
		SL Biology I	SL Biology 2
		2 year SL Math Studies 1 (OR) 2 year SL Math/Calculus I	SL Math Studies 2 (OR) SL Math/Calculus 2
		SL Language B I	SL Language B 2
		Theory of Knowledge EE I	Theory of Knowledge EE 2
		Theatre Arts I (OR) Visual Arts I	Theatre Arts 2 (OR) Visual Arts 2

\* Includes preparation for and taking the AP English exam

### Junior and Senior IB Career-Related Programme

Requirements: Approved IBMYP & IBCP courses

9 <sup>th</sup> grade (Class of 2021)	10th grade	11th grade	12th grade
Course of Study is the same as IBMYP Cohort		HL Eng A World Lit 1*	HL Eng A World Lit 2
		ITGS I	ITGS 2
		Physics	Elective+
		Adv Alg Trig (OR) SL Math Studies 1	Honors Pre-Calculus (OR) SL Math Studies 2
		PPS I	PPS 2
		Dbl period Gaming I	Dbl period Gaming 2
		Dbl period Gaming I	Dbl period Gaming 2

\* Includes preparation for and taking the AP English exam

+ Newspaper, Yearbook, Science elective, Social Science elective, English elective, Studio Drawing, Graphic Design, Advanced Band, Advanced Chorus, One Goal, individual IBDP courses

ACADEMIC CENTER  
Incoming 2017-18 students

Incoming 7 <sup>th</sup> (Class of 2023)	8 <sup>th</sup> grade (Class of 2022)	Rising 9 <sup>th</sup> grade (Class of 2021)	10 <sup>th</sup> grade
Language Arts	Honors English 1*	Honors English 2	Honors English 3 (OR) AP English Lit
Social Science	Honors Human Geography*	AP Human Geography	Honors US History
Honors Earth/Space Science*	Honors Biology*	Honors Chemistry	AP Biology
Pre-Algebra (Math -7)	Algebra for MG*	Honors Algebra (or) Geometry	Honors Geometry (or) Adv Alg Trig
Physical Education-7	Physical Education-8	PE I/Health	PE 2/Driver Ed
Honors Language I*	Honors Language 2*	Language 3 (OR) Elective+	Language 4 (OR) Elective+
Writing*	Class of 2022 = Writing* Class of 2023 = Exploring Computer Science*	Music (OR) Art	Art (OR) Music

\* HS credit

+ Science elective, Social Science elective, English elective, Honors Anatomy & Physiology, Studio Drawing, Graphic Design, Advanced Band, Advanced Chorus

11 <sup>th</sup> grade	12 <sup>th</sup> grade
Entry into IBDP/IBCP Program (OR) Honors English 3 (OR) AP English Lit	Honors English 4 (OR) AP English Lit (OR) DC English (OR) Dual Enrollment English
Entry into IBDP/IBCP Program (OR) Honors Civics (OR) AP Government	AP Psychology (OR) AP Government (OR) Honors Economics (OR) Honors Law (OR) Honors Contemporary American History (OR) DC Law (OR) Dual Enrollment Social Science
Entry into IBDP/IBCP Program (OR) Honors Physics (OR) Environmental Science	Honors Physics (OR) Environmental Science (OR) Earth/Space Science (OR) Honors Forensics (OR) Honors Anatomy & Physiology
Entry into IBDP/IBCP Program (OR) Honors Adv Alg/Trig (OR) Pre-Calculus	DC Math 118 (OR) DC Math 143
Entry into IBDP/IBCP Program (OR) Elective+	Elective+
Entry into IBDP/IBCP Program (OR) PE 3 (OR) JROTC 3 (OR) Marching Band	PE 4 (OR) JROTC 4 (OR) Marching Band
Entry into IBDP/IBCP Program (OR) Elective*	Elective+

+ Newspaper, Yearbook, Science elective, Social Science elective, English elective, Exploring Computer Science, Studio Drawing, Graphic Design, Advanced Band, Advanced Chorus, One Goal, individual IBDP courses