



**DEPAUL COLLEGE
PREP**

**COURSE
SELECTION
GUIDE**

2018-2019

Table of Contents

General Academic Information	3 – 5
Academic Policies.....	6 – 8
Using This Curriculum Guide.....	9 – 10
College & University Planning.....	10
Graduation Requirement/Course sequence.....	11
Course Catalogue.....	12
Course Offerings:	
English.....	13 – 18
Mathematics	19 – 22
Science.....	22 – 25
Social Studies	26 – 28
Religious Education.....	29 – 30
World Language.....	31 – 34
Fine Arts.....	35 – 41
STEAM.....	42
Business/Computer Science / Engineering Technology.....	43 – 46
Kinetic Wellness.....	47 – 49
International Baccalaureate.....	50-53

ACCREDITATION

DePaul College Prep is accredited by AdvancEd and the Illinois State Board of Education.

GENERAL ACADEMIC INFORMATION

All courses offered at DePaul College Prep are college preparatory courses. The graduation requirements are as follows:

DEPAUL COLLEGE PREP GRADUATION REQUIREMENTS

Credits Required for Graduation from DePaul College Prep:

<i>Graduation Year</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>
English	4.0	4.0	4.0	4.0
Language	2.0	2.0	2.0	2.0
Mathematics	4.0	4.0	4.0	4.0
Kinetic Wellness/Health	2.0	2.0	2.0	2.0
Religious Education	4.0	4.0	4.0	4.0
Science	3.0	3.0	3.0	3.0
Social Studies	3.0	3.0	3.0	3.0
Civics/Consumer Education	0.5	0.5	0.5	0.5
Freshman Steam (CLSC)	1.0	1.0	1.0	1.0
Minimum Number of Electives	1.0	1.0	3.0	3.0
Total Required for Graduation	24.5	24.5	26.5	26.5

1. Students are expected to carry a minimum of 6.0-7.0 courses per year unless granted a specific exception.
2. It is the responsibility of students to be aware of the requirements for graduation and also to be certain that their academic program satisfies the requirements listed. It is also the responsibility of the student to review the class schedule to be certain they are scheduled for the necessary courses.
3. Courses are selected by the student only after consultation with the counselor and the approval of parents and department chair.
4. Steam Requirement Description
All incoming freshman are required to take the Integrated Design, Engineering, and the Arts course, also known as IDEA. In lieu of the IDEA course, students may opt to take a full year of one discipline in the Steam Department. These course options include:
 - a. Intro to Computer Science and Robotics
 - b. Drafting and Intro to Design and Assembly
 - c. Film Production Fundamentals and Documentary Filmmaking or Screen Writing and Genre Study.
 - d. Art and Design and any other art elective except portfolio
 - e. Band and/or Choir.

f. Introduction to Theater Arts AND Intermediate Acting and Analysis OR Advanced Theater Arts.

5. Period one may be an optional period for students, however if a student's schedule requires he/she be present for Period One, the student will be required to remain in school until the final alert, ending the last period of the school day.
6. Each student must complete two years of Kinetic Wellness which will include passing the required semester of Health. All students are required to enroll in the appropriate year-level Kinetic Wellness course until 2.0 credits have been successfully earned.
7. Each student in Illinois must pass an examination on the Declaration of Independence, the flag of the United States, the Constitution of the United States, and the Constitution of the State of Illinois.
8. Retreat Requirement: Retreats are an integral part of the curriculum. As part of the retreat experience, students will come to know more about their relationship with God and others. Freshmen, sophomores, and juniors must participate in a one day retreat that may be held at an off campus location. Seniors take part in a Kairos (God's Time) Retreat. This is an intense three day program that encourages self-reflection and, community building, and challenges the students to live more active faith lives. **Cost of the retreat will fall to the family of each student.**
9. Service Learning Requirement: The goal of this program is to give students an experience of Christian living through service to others. This experience is meant to help students integrate what they are learning in the classroom into their everyday lives. It will also allow them to come to a real and lasting understanding of Christian commitment by being an instrument for the renewal of society as taught by Jesus in the Gospels.
 - A minimum of twenty individual hours of Christian service is required for all students each year. The emphasis for freshmen and sophomores is service to the school community. For juniors and seniors the emphasis is service through a recognized social service agency.
 - Students upon completion of Service Hours must hand them into their religion teacher. If Service Hours are not completed two weeks before the end of the school year the student will receive an incomplete in their religion course for that year.

Grade Level	External* Hours Required	DePaul College Prep Hours Allowed*	Total Hours Required
Freshman	0	20	20
Sophomore	5	15	20
Junior	10	10	20
Senior	15	5	20

*Any student may choose to complete all 20 of their individual hours at a location other than DePaul College Prep. These hours must be completed at a non-profit, social service

agency.

Schedule Conflicts

Due to the complexity of scheduling student courses, students and parents are advised that there are conflicts that may prohibit students from enrolling in all of the courses they select. Conflicts can include the following: limited sections of a course, facilities limitations that impact the ability to offer a course, teacher availability, registration priorities, etc.

Schedule Changes

Student class schedules are constructed to include the courses selected by students and approved by parents. Requests for schedule changes, therefore, will be considered only for the most compelling reasons, such as:

- a. The schedule does not include courses previously approved by parents and counselor.
- b. The schedule does not account for work taken in summer school.
- c. The schedule does not include a requirement for graduation that must be met during the present year.

If a class schedule issued contains an error, a schedule change will be considered upon receipt of a parent's written request. All schedule changes must be completed by the first day of school.

Once school starts, a new class cannot be added to a student's schedule, nor can a class be dropped from his/her schedule except for the most serious reasons, which are to be verified and approved by the student's counselor. Any student dropped for issues regarding attendance, behavior, etc. will be given a "WF" and the credit must be made up in Summer School.

Grading

The initial grading system is numerical which then equates to a letter grade:

A = 95- 100

A- = 93-94

B+ = 91-92

B = 87-90

B- = 85-86

C+ = 83 - 84

C = 79 - 82

C- = 77 - 78

D+ = 75-76

D = 72-74

D- = 70-71

F = 0-69

Students are advised to refer to the Student Handbook and Schoology for a detailed description of the DePaul College Prep grading system, the explanation of failing grades, and cause for the dismissal of a student for academic reasons.

Advanced Placement Courses/International Baccalaureate Courses

Advanced Placement/International Baccalaureate courses are taught at the college-level with examinations that give high school students the opportunity to receive advanced college placement and/or college credit. AP/IB courses are introductory college courses, so they are challenging. Compared with CP high school courses, the AP/IB courses are more demanding, but also more rewarding. Students enrolled in an AP/IB course are not required to take the AP exam. Payment of the AP exam fee is due prior to the AP exam period. There is an additional school fee associated with International Baccalaureate Courses.

ACADEMIC POLICIES

Grade Point Averages and Honor Roll

Grade point averages are weighted according to the degree of course difficulty. CP classes are weighted as follows: A = 4, B = 3, C = 2, and D = 1. A plus adds 0.33 points (except for the grade of A) and a minus subtracts 0.33 points (E.g. A grade of C+ earns 2.33 grade points and a grade of C- earns 1.67 grade points). DePaul College Prep does not include A+ in its grading system. In addition, for a grade of "C" or higher, Honors classes receive an additional 0.5 weighting and Advanced Placement/IB classes receive an additional 1.0 weighting. Students' final rank in their graduating class is determined by the weighted cumulative grade point average earned throughout the entire four years of high school.

Rank in Class

All students are ranked. The final rank in class is determined by the student's weighted cumulative grade point average based upon the final semester grades. All grades are computed into the G.P.A. with the exception of grades earned in Summer School and other alternative high school credit programs.

Graduation

In order to graduate, all seniors must complete the required amount of credit hours based on their graduating year found on page 3. Participation in the graduation ceremony is an honor and a privilege and the administration reserves the right to deny participation in the ceremony.

To participate in the DePaul College Prep graduation ceremony, a student must meet all three of these standards:

- Have passed all state required courses and elective courses thereby earning the designated credit minimum for your particular graduation year.
- Be in good standing with the Deans' Office.
- Have met all financial obligations to the school.
- Have fulfilled all service requirements.

Non-Refundable Fees

Students are reminded that all registration fees and mandatory fees are non-refundable for any reason. This includes academic dismissal, disciplinary dismissal, or withdrawing from DePaul College Prep for any reason. These fees constitute money paid for services rendered, and therefore, cannot be refunded.

Transcripts

Official transcripts of grades and attendance will be issued for any current or former student in good financial standing with DePaul College Prep. Transcripts for alumni and other former students will be processed upon receipt of a signed request and \$5.00 fee. Current seniors will be allowed ten free transcripts; additional transcript requests carry a \$5.00 fee.

Attendance Expectations

Class attendance is an essential aspect of our education program. Any student who misses more than 10% of the class days in a course (9 in one semester) is liable to lose academic credit for courses during that semester. Exceptions for extended medical absences that are verified by a physician's letter will be considered by the Administration on a case-by-case basis.

Eligibility for Athletics and Co-curricular Activities

Students are eligible to participate in co-curriculars according to the policies recommended by the Athletic Director, in addition to those established by the Illinois High School Association (IHSA), unless the Principal has declared a student ineligible as indicated below or unless the Dean of Students has declared a student ineligible for disciplinary or other reasons, which are entirely at the school's discretion. It is the official policy of the IHSA that to be eligible to participate in co-curriculars and athletics, students must be doing passing work in two-thirds of his/her classes. DePaul College Prep views eligibility as an individual matter involving the student, the teacher, the family, the counselor, and the student's coach and/or activity moderator. For some students, who are experiencing academic difficulties, withdrawing from co-curriculars and/or athletics would be helpful; for others it might not be. Any teacher, counselor, coach, or activity sponsor who thinks a student with academic difficulties should not participate should discuss his/her concerns with the Principal who will investigate and make a decision after consulting with all the parties involved. This investigation could result in the Principal declaring a student ineligible who is eligible in the eyes of the IHSA. It needs to be clearly understood, however, that no one can make a student eligible unless they meet the minimum IHSA standards.

Failure Make-up Requirement

Semester failures must be made up before the start of the next school year unless, in the judgment of the school, an equivalent course is not available in a summer school or on-line extension program. All exceptions must be approved in early June by the student's counselor. A student who fails a Mathematics, Science and/or Foreign Language course in the first semester of the school year may not be allowed to continue in the course second semester. If the student does not continue, he/she must retake the required course.

Dismissal for Unacceptable Academic Performance

Students may be dismissed from DePaul College Prep under any of the following circumstances:

- Three "F"s received on semester grades, in any one semester, two "F"s in both semesters, in the same academic year, will cause the student's record to be reviewed by the academic board and may be cause for dismissal from school.

Homework

Students will be assigned homework on a daily basis. These assignments will vary in length, but students should expect one-half hour to three-quarters of an hour each night in each subject to be the norm.

Summer School

A student taking a credit course at a summer school or extension program must have the course approved in advance by the student's counselor. The course must be consistent with the courses that form part of the DePaul College Prep Curriculum. Credits for approved summer school courses will be accepted, placed on transcripts, and added to the cumulative total credits.

An "F" received in any subject for a semester's work requires one of the following:

- that the student take the course over again and the grade received will be added into the GPA together with the "F"
- the student successfully complete a credit recovery course and the "F" will be changed to a passing grade, of which cannot be greater than that of a "C".

Textbooks

DePaul College Prep has partnered with Follett On-line Bookstores to provide all textbooks. The link is available on the school's home page. A complete book list, with ISBN numbers, is also posted on the school website.

Field Trips

Additional fees may be billed for courses that require field trips.

USING THIS CURRICULUM GUIDE

To make the most of a high school education, students need to plan with care. Consider some important questions:

- What courses meet the graduation requirements of DePaul College Prep?
- What courses meet admission requirements of colleges of interest?
- What courses best fit personal abilities, needs, and interests?
- What courses will best prepare students to meet my responsibilities as a family member, as a citizen, and as an employee?
- Counselors and this curriculum guide have valuable information that will help students find answers to these questions.

Program Levels

DePaul College Prep provides a balanced curriculum that is responsive to the needs of its students. Students are able to choose from a wide range of course offerings, using a flexible tracking system that includes Advanced Placement/IB, honors, college prep and college enrichment courses. With this wide range of opportunities, every student is able to pursue their interests and strengths while being assured they are being prepared to meet the entrance requirements of the college or university of their choice.

DePaul College Prep course offerings provide opportunities for students to engage in academic pursuits through discovery, problem-solving and collaboration.

Dedicated guidance counselors work with each student and their parents on an individual basis to customize a schedule and course sequence to satisfy each student's academic needs.

The DePaul College Prep curriculum allows students to acquire a rich, thoughtful, in-depth understanding of material, while promoting success on standardized tests. All programs have been designed to meet admission requirements at competitive colleges and universities. **Placement in classes at DePaul College Prep is a result of:**

- Standardized elementary and placement test scores
- Elementary teacher and high school counselor recommendations
- Elementary school reports
- Student essays
- Student discipline reports

Honors/ Advanced Placement Program (AP)/International Baccalaureate is tailor-made for students who are high performers. Students in this group are characterized by their strong academic ability, special interests, demonstrated superior academic performance, and strong motivation.

Students can expect:

- Honors Level, Advanced Placement, International Baccalaureate (Challenging Coursework)
- Opportunity to graduate with Honors
- Competition in the spirit of cooperation and competitive rigor
- Weighted grades for higher GPA's and class rank

The College Prep Program (CP) is a comprehensive course offering that paves the way for admission into universities and colleges across the country.

Students can expect:

- Curriculum focused on meeting competitive college admission requirements
- Elective program designed to address special interests
- Classes tailor-made for success
- Structured environment with teacher facilitation and independent inquiry
- Content/skill review, creative thinking and higher-order concepts

The College Enrichment Program (CEP) provides students the necessary skills to address their needs and develop their strengths to move into **The College Prep Program** and **Honors/Advanced Placement Program and International Baccalaureate Program**.

Students can expect:

- Classes designed to encourage upward level placement
- Progress monitoring through summative/formative evaluations
- Emphasis on college prep skills with some open-ended questions
- Smaller class size

COLLEGE AND UNIVERSITY PLANNING

The program of studies at DePaul College Prep is composed of required and elective courses. It is the particular mix of courses that students and their parents, working with counselors and teachers, select over the four years of high school. Students' program of studies should reflect their educational and career goals, and further serve to help them achieve these goals. At DePaul College Prep, the core courses are designed to ensure every student's solid grounding in all the academic areas that are necessary for college admission or other post-secondary education. The elective courses offer important experiences that complete the learning in core courses and give students opportunities to discover specific areas of interest and talent that may influence career choices.

In addition to completing the courses required in order to earn a DePaul College Prep diploma, when selecting high school courses and developing a four year plan, students and parents should also consider the varying admission standards and course requirements set forth by both public and private colleges/universities.

Listed below are the admission standards for Illinois' public universities, as set forth by the Illinois Board of Higher Education (IBHE). These courses must be completed prior to enrollment at a public, state university:

- 4 years of English
- 3 years of Social Studies
- 3 years of Mathematics
- 3 years of Laboratory Science
- 2 years of Electives (Foreign Language, Art or Music)

DEPAUL COLLEGE PREP SAMPLE FOUR YEAR PLAN (2017-18 SCHOOL YEAR)

The sample four year plan below allows a student to reach the required credits for graduation, based upon their current year in school. This plan reflects a traditional schedule, but students may choose from other course sequences to include Advanced Placement and International Baccalaureate coursework.

Total Credits Required	26.5	26.5	24.5	24.5
English (4 .0 credits required)	English 1 (H, CP, CEP)	English II (H, CP, CEP)	English III (H, CP, CEP, IB, AP)	British Literature & Composition (H, CP, IB, AP)
Mathematics (4.0 credits required)	Algebra I (H, CP, CEP) Algebra/Geometry (H)	Geometry (H, CP, CEP) Geometry/Algebra 2 (H)	Algebra II/ Trig (H, CP) Pre-Calculus (CP, H) IB Math	Integrated Senior Math(CP) Statistics (CP) Calculus (H, AP) IB Math
Science (3.0 credits required)	Biology (H, CP, CEP)	Chemistry (H, CP, CEP)	Physics (H, CP, CEP)	Electives available
Social Studies (3.0 credits required)	World & American Studies I (H, CP, CEP)	World & American Studies I (H, CP, CEP) World & American Studies II (H) AP European History	World & American Studies II (CP) World & American Studies III (H) IB History	World & American Studies III (CP, CEP) IB History AP U.S. History
Kinetic Wellness (2.0 Credits Required)	Introduction to Kinetic Wellness	Health	Kinetic Wellness 3 Advanced Electives (teacher recommendation)	Kinetic Wellness 4 Advanced Electives (teacher recommendation)
Religious Studies (4.0 credits required)	Introduction to Catholicism & World Religions	Sacred Scripture	Christian Morality	Church History & Social Justice
Language (2.0 credits required/ 3.0 credits recommended)	Language I (Chinese, French, Spanish)	Language II (Chinese, French, Spanish)	Language III (Chinese, French, Spanish)	Language IV Language V (French, Spanish, Chinese)
Civics & Consumer Education (0.5 credits required)				Civics & Consumer Education
Freshman Steam (CLSC)	1.0 credits required	1.0	1.0	1.0
Electives	3.0 credits required	3.0 credits required	1.0 credits required	1.0 credits required

(H) Honors, (CP) College Prep, (CEP) College Enrichment Program

Advanced Placement **Program Course Offerings**

Biology
Calculus AB
Chemistry
Computer Science A
Computer Science Principles
English Language & Composition (11th grade)
English Literature & Composition (12th grade)
European History
United States History
*Additional AP exams available upon student request

International Baccalaureate Course Offerings

Biology HL
Chemistry SL
English A Language and Literature HL
History of the Americas HL
Mathematical Studies
Mathematics SL
Spanish ab initio/Spanish Language B SL
French Language B
Visual Arts SL
Theory of Knowledge (TOK)
Film SL

COURSE CATALOG FOR 2018 - 2019

Departmental sections are arranged alphabetically. Courses are catalogued within each departmental section.

1. Course Code Number. Students use this three-digit number during registration to select courses for the following year.
2. Course Title. Immediately following the course title is the level at which the course is taught. If a course is offered at more than one level, it will be designated as CEP, CP, Honors/Advanced Placement and International Baccalaureate.
3. Grade. A particular course is open to students in these grades only.
4. Credit. This number indicates the amount of credit earned upon completion of the course.
5. Length. One-half (.5) credit courses last for 18 weeks; one (1.0) credit courses last for 36 weeks.
6. Prerequisites. These are the conditions that must be satisfied before a student may select this course during registration.
7. Course Description. This gives a brief summary of the topics covered in the course.

ENGLISH

Required Courses Offered

Grades	Course Title	Credit
9	English 1 (H, CP, CEP)	1.0
10	English 2 (H, CP, CEP)	1.0
11	English 3 (AP, IB, H, CP & CEP)	1.0
12	English 4 (AP, IB, H & CP)	1.0

Elective Courses Offered

	Credit
10 11 12 Public Speaking	0.5

Please Note: The English Department requires summer reading for ALL students in all levels of English including late-July/early-August transfer students. Titles and assignments are posted on the DePaul College Prep home page in mid-May.

003 College Prep Enrichment English 1

Grade: 9

Credit: 1.0

Course Description: College Prep Enrichment (CPE) is designed for students who demonstrate a need for support in reading, writing, and/or study skills. This course moves at a slower pace than College Prep English. Throughout the year, high-interest reading selections are integrated into thematic units while students review, develop, and improve basic literacy skills. Greek and Latin STEM study specific to freshman year is a focal point. Fundamental literary terminology is emphasized, and students are encouraged to read for enjoyment, appreciation, recognition of literary devices, and analysis. Writing is constantly emphasized throughout the course and students are provided the opportunity to write in a variety of modes about high-interest topics relevant to the literature at hand.

011 College Prep English 1

Grade: 9

Credit: 1.0

Course Description: This course focuses on the introduction and development of sophisticated thinking, writing and reading skills, Greek and Latin STEM study specific to freshman year, and understanding of English conventions. Instruction is based in mythology, fiction, Shakespeare, non-fiction and selected poetry. Throughout the year, students are introduced to a variety of literary devices and are taught to read both for meaning and appreciation. Students are expected to develop and exhibit strong writing skills throughout the year. The course expects that students regularly perform in-class work and homework that emphasizes drawing connections between texts, themes, and real-world applications.

015 Honors English 1

Grade: 9

Credit: 1.0

Course Description: This course focuses on the introduction and development of

sophisticated thinking, writing and reading skills, Greek and Latin STEM study specific to freshman year, and understanding of English conventions. Literature instruction is based on discussion of mythology, fiction, Shakespeare, non-fiction and selected poetry. The Honors English program emphasizes the mastery of grammar, usage, expository and argumentative writing, vocabulary, literary terms, and close reading of all literary genres. The course expects independent inquiry of students who regularly perform in-class work and homework with resourceful, critical and creative thinking. Students are expected to exhibit strong writing skills throughout the year. A supplemental literary selection in addition to the course reading list may be assigned by the teacher.

022 College Prep English 2: World Literature

Grade: 10

Credit: 1.0

Prerequisite: Successful completion of English 1 or equivalent is required for enrollment in all levels of English 2

Course Description: Students will identify and analyze genres in World Literature from a variety of countries across continents and set in societies classical to contemporary. Students will demonstrate the ability to write in various forms, apply knowledge of literary devices, continue vocabulary development through STEM study specific to sophomore year and meet public speaking requirements set forth in the curriculum. All students will deliver no less than five formal speeches during the course of English 2 regardless of level. Speech topics are based in relevant unit material or novel analysis. Each student will complete a research paper on a literary topic. The course expects students to regularly perform in-class work and homework with resourceful, critical, and creative thinking. Assessments in this course require application, analysis and synthesis of content and student insight as developed in-class and independently.

023 College Prep Enrichment English 2: World Literature

Grade: 10

Credit: 1.0

Prerequisite: Successful completion of English 1 (CP) with a grade of “C” or better. Minimum of “B” or higher in both semesters of English 1 (CEP) and previous year instructor approval.

Course Description: Students will identify and analyze genres in World Literature from a variety of countries across continents and set in societies classical to contemporary. Students will also demonstrate the ability to write in various forms, understand grammatical concepts, apply knowledge of literary devices, and will continue vocabulary development through STEM study specific to sophomore year. The course expects that students regularly perform in-class work and homework with resourceful, critical, and creative thinking. Fundamental literary terminology is re-emphasized and further developed through discussion, writing, and formal assessments. Students are encouraged to read for archetypal recognition, analysis of literary devices, thematic understanding, and enjoyment. Writing is constantly emphasized throughout the course and students are provided the opportunity to write in a variety of modes about high-interest topics relevant to the literature at hand.

025 Honors English 2: World Literature

Grade: 10

Credit: 1.0

Prerequisite: Minimum of “B” or higher in both semesters of English 1 and previous year instructor approval.

Course Description: Students will identify and analyze genres in World Literature from a variety of countries across continents and set in societies classical to contemporary. Students will demonstrate the ability to write in various forms, understand grammatical concepts, apply knowledge of literary devices, continue vocabulary development through STEM study specific to sophomore year, and meet public speaking requirements set forth in the curriculum. All students will deliver no less than five formal speeches during the course of English 2 regardless of level. Speech topics are based in relevant unit material or novel analysis. Each student will complete a research paper on a literary topic. The course expects independent inquiry of students who regularly perform in-class work and homework that require application, analysis and synthesis of content. A supplemental literary selection in addition to the course reading list may be assigned by the teacher.

030 College Prep Enrichment English 3: American Literature

Grade: 11

Credit: 1.0

Prerequisite: Successful completion of English 2 or equivalent is required for enrollment in all levels of English 3

Course Description: Students will exhibit and build upon skill sets emphasized throughout freshman and sophomore years while learning to strengthen critical and analytical thought through thematic units focusing on significant American authors. In addition to studying literature, students will write about literature and themes as well as personal experiences. Awareness of thesis and adequacy of supportive evidence are emphasized. In preparation for this course, students must read a work of literature over the summer, to be announced in May.

033 College Prep English 3: American Literature

Grade: 11

Credit: 1.0

Prerequisite: Minimum grade of “B” in English 2 (CEP) or successful completion of English 2 (CP).

Course Description: Students in this course will develop and synthesize a variety of critical reading skills and a familiarity with significant American authors. Writing, vocabulary, literary analysis and close reading are intended to help students develop an appreciation of canonical American literature. The course expects students to regularly perform in-class work and homework with resourceful, critical and creative thinking. Students will write an analytical research paper based in the novel at hand. The composition element of this class has critical, expository, and personal writing intents that are anchored by the central texts for the class. Awareness of thesis, adequacy of supportive evidence, and consideration of audience are emphasized. In preparation for this course, students must read a work of literature over the summer, to be announced in May.

035 Honors English 3: American Literature

Grade: 11

Credit: 1.0

Prerequisite: Minimum of the grade of “B” in both semesters of English 2 (CP) or minimum of grade of “C” both semesters in English 2 (H).

Course Description: Students in this course will develop and synthesize a variety of critical reading skills through close study of significant American authors. The heightened instructional pace is intended to help students develop an appreciation of the various voices in American literature. The course expects independent inquiry of students who regularly perform in-class work and homework with resourceful, critical, and creative thinking. Students will write an analytical research paper through a literary lens. A composition element, which is to be considered the equivalent of the literature in intensity and attention, has rigorous critical, expository, and personal writing standards. Awareness of thesis, adequacy of supportive evidence, and consideration of audience are emphasized.

038 Advanced Placement Language & Composition

Grade: 11

Credit: 1.0

Prerequisite: Grade of “A” in Honors English 2 and approval from the previous English instructor. In preparation for this course, students must read a work of literature over the summer, to be announced by the AP teacher.

Course Description: Students who take this course have the ability and desire to work both independently and under direction. They are already proficient readers and writers who will be expected to analyze, discuss and write about various genres of literature. The course is organized according to the requirements and guidelines of the current *College Board AP Literature Course Description*. The student will develop ability in critical analysis of non-fiction writing; demonstrate his/her analytic ability in class, in discussion, and in critical writing.

Testing Requisite: All students enrolled are required to take the AP exam in May of the academic year. Parents are responsible for the AP exam fee.

044 College Prep English 4: British & Commonwealth Literature

Grade: 12

Credit: 1.0

Prerequisite: Successful completion of English 3 or equivalent is required for enrollment in all levels of English 4

Course Description: This course offers writing, reading, and the study of all genres of the various periods of British Literature. Reading sections provide the basis for analytical and expository writing. The literature is chronologically divided into historical literary periods, beginning with the Anglo-Saxon Period and ending with Twentieth Century Period literature. Vocabulary skills, library and research skills, various forms of composition, as well as the use of technology are integrated into each semester’s study. Students improve grammar and usage skills through guided writing with current technology. A formal, documented research paper is required. Emphasis is placed on the development of critical and analytical thinking skills through discussion and frequent compositions. In order to prepare students for the college setting, knowledgeable discourse of the subject matter will be required.

045 Honors English 4: British & Commonwealth Literature

Grade: 12
Credit: 1.0

Prerequisite: Minimum grade of “B” or higher in (CP) and previous instructor approval.

Course Description: This is a theme-related, literature-based, integrated course focused on the history of British literature designed for the student who performs on or above grade level. The literature is chronologically divided into historical literary periods, beginning with the Anglo-Saxon Period and ending with Twentieth Century Period literature. Heightened vocabulary skills, library and research skills, public speaking, various forms of composition, as well as the use of technology are expected during each semester’s study. Students are expected to demonstrate mastery of grammar and usage skills through guided writing with current technology. Emphasis is placed on demonstrating critical and analytical thinking skills through discussion and frequent compositions. Knowledgeable discourse paired with independent inquiry based in the subject matter is required. A formal, documented research paper is required. Supplementary reading requirements mandate at least five works, which will include full-length works.

048 Advanced Placement Literature and Composition

Grade: 12
Credit: 1.0

Prerequisites:

- Grade of “A” in Honors English 3 and previous English 3 instructor approval.
- Grade of “A” or “B” in Language and Composition, and approval from the previous English 3 instructor.
- In preparation for this course, students must read a work of literature over the summer, to be announced by the AP teacher.

Course Description: Students who take this course have the ability and desire to work both independently and under direction. They are already proficient readers and writers who will be expected to analyze, discuss and write about various genres of literature. *College Board AP Literature Course Description*. The student will develop ability in intensive critical analysis of all genres of literature, demonstrate his/her analytic ability in extensive class discussion and in literary critical writing.

Testing Requisite: All students enrolled are required to take the AP exam in May of the academic year. Parents are responsible for the AP exam fee.

062 Public Speaking

Grade: 10,11,12
Credit: ½ Credit

Course Description: This course emphasizes the practical skill of public speaking in personal, professional, and educational settings. In the course, students will learn strategies for writing informative and persuasive speeches, using visual aids, overcoming speech anxiety, developing confident body language, and using clear articulation, volume, and pacing. By the end of the semester, students should be able to write and deliver a well-researched, convincing, and compelling speech on a social issue affecting the Chicago community. Students will understand their social responsibility within their communities, and the importance on speaking on the behalf of others.

MATHEMATICS

Required Courses Offered:

Grades	Course Title	Credit
9	Algebra 1 (H,CP,CEP)	1.0
9	Algebra 1/Geometry (H)	1.0
10	Geometry (H, CP, CEP)	1.0
10	Geometry / Algebra 2 (H)	1.0
11	Algebra II/Trigonometry (CEP, CP, H)	1.0
11	12 Pre-Calculus (H)	1.0
	12 Integrated Senior Mathematics (CP)	1.0
11	12 Pre-Calculus (CP)	1.0
	12 Calculus (H, AP)	1.0
	12 Statistics (CP)	1.0
11	12 IB Mathematical Studies	1.0
11	12 IB Mathematics SL	1.0

103 Algebra 1 (CEP)

Grade: 9

Credit: 1.0

Course Description: This course is required of all students who demonstrate a need for support to help ensure that they are able to meet the academic demands of a college prep curriculum. The course curriculum and standards are the same as those of Algebra 1 (CP). students.

111 Algebra 1 (CP)

Grade: 9

Credit: 1.0

Course Description: The student will be able to show a logical, systematic approach to solve problems using algebraic concepts and methods. This course covers the laws of algebra, sets, linear equations, inequalities, factoring, functions, radicals, graphing, fractions, and fractional equations.

115 Algebra 1 (Honors)

Grade: 9

Credit: 1.0

Prerequisite: Department recommendation.

Course Description: The student will be able to show a logical, systematic approach to solve problems using algebraic concepts and methods. This course covers the laws of algebra, sets, linear equations, inequalities, factoring, functions, radicals, graphing, fractions, and fractional equations. The course moves at a faster pace than Algebra 1 (CP) and consequently includes topics not discussed in the CP-level course.

116 Algebra 1/ Geometry (Honors)

Grade: 9
Credit: 1.0

Prerequisite: Department recommendation.

Course Description: This accelerated course will cover Algebra I and selected topics in Geometry. This course will be followed by an accelerated course in Geometry/Algebra II in sophomore year.

122 Geometry (CP)

Grade: 10
Credit: 1.0

Prerequisite: Minimum grade of “C” in Algebra 1 (CP) and teacher recommendation.

Course Description: The student will discover and apply geometric concepts such as distance, angle measure, and area as related to each of the three dimensions.

123 Geometry (CEP)

Grade: 10
Credit: 1.0

Course Description: This course is required of all students who demonstrate a need for support to help ensure that they are able to meet the academic demands of a college prep curriculum.

125 Geometry (Honors)

Grade: 10
Credit: 1.0

Prerequisite: A grade of “B” or better in Algebra (H) or a grade of “A” in Algebra 1 (CP) in both semesters.

Course Description: This course covers plane geometry with brief encounters with solid geometry, plane coordinate geometry, trigonometry, transformations, vectors, congruence, and geometric inequalities. This course moves at a faster pace than Geometry (CP) and consequently includes topics not discussed in the CP-level course.

126 Geometry /Algebra 2 (Honors)

Grade: 10
Credit: 1.0

Prerequisite: A grade of “B” or better in Algebra1/Geometry (H) or a grade of “A” in Algebra 1/Geometry (CP) in both semesters.

Course Description: This accelerated course will continue the topics from course 116, Algebra I/Geometry and will finish with topics from Algebra II. The completion of this course will prepare students for Precalculus in junior year. Placement will be made by the Math department.

139 Algebra2/Trigonometry (CEP)

Grade: 11, 12
Credit: 1.0

Prerequisite: Successful completion of Algebra 1 and Geometry.

Course Description: The student will expand the knowledge obtained in algebra to do increasingly more complex problems and applications. In addition, students will learn the properties and applications of the six trigonometric functions.

143 Algebra2/Trigonometry (CP)

Grade: 11, 12

Credit: 1.0

Prerequisite: Minimum grade of “C” in Algebra 1 (CP) and Geometry (CP) and instructor approval.

Course Description: The student will expand the knowledge obtained in algebra to do increasingly more complex problems and applications. In addition, students will learn the properties and applications of the six trigonometric functions.

144 Algebra2/Trigonometry (Honors)

Grade: 11, 12

Credit: 1.0

Prerequisite: Minimum grade of “B” in Algebra (H) or a “B” in Geometry (H) in both semesters and instructor approval.

Course Description: The student will expand the knowledge obtained in algebra to do increasingly more complex problems and applications. In addition, students will learn the properties and applications of the six trigonometric functions. This course moves at a faster pace than Algebra 2/Trigonometry (CP) and consequently includes topics not discussed in the CP-level course.

157 Integrated Senior Math (CP)

Grade: 12

Credit: 1.0

Course Description: This course extends the concepts learned in Algebra 2/Trigonometry to more advanced ideas. Topics studied include linear, quadratic, exponential, logarithmic, and trigonometric functions. Algebraic and geometric notions are reviewed as needed with the purpose of strengthening the skills of students and reducing the anxiety they sometimes feel toward mathematics.

162 Statistics (CP)

Grade: 11, 12

Credit: 1.0

Course Description: Students will examine the process of producing, organizing, and analyzing data and drawing inferences from data. They will also study probability topics with real-life applications. The course is designed so that students leave with a better understanding of statistics in everyday life.

164 Pre-Calculus (CP)

Grade: 12

Credit: 1.0

Prerequisite: Minimum grade of “C” in Algebra 2/Trigonometry (CP) in both semesters

Course Description: The student will investigate the fundamentals of advanced algebra and trigonometry necessary to meet the challenges of calculus. This course moves at a slower pace than Pre-Calculus (H).

165 Pre-Calculus (Honors)

Grade: 11, 12

Credit: 1.0

Prerequisite: For juniors, a minimum grade of “B” in Algebra 1 (H) and Geometry (H); for seniors, a minimum grade of “B” in Algebra 2/Trig in both semesters and instructor approval.

Course Description: The student will investigate the fundamentals of advanced algebra and trigonometry necessary to meet the challenges of calculus.

167 Calculus (Honors)

168 Calculus (AP)

Grade: 12

Credit: 1.0

Prerequisite: Minimum of “C” in Pre-Calculus (H) in both semesters and instructor approval.

Course Description: The student will receive an introduction to both differential and integral calculus. The student will learn numerous methods of differentiation and integration, as well as their application to physical problems in the real world. Students who master the content of this course will be prepared for the Advanced Placement Exam conducted by the College Board. The AP test is required of all students in this class. A fee is required to take the AP exam.

SCIENCE

Required Courses Offered:

Grades			Course Title	Credit	
9			Biology (H, CP, CEP)	1.0	
	10	11	12	Chemistry (H, CP, CEP)	1.0
		11	12	Advanced Placement Biology	1.0
		11	12	Conceptual Physics [CEP]	1.0
		11	12	Physics (H, CP)	1.0
		11	12	Anatomy & Physiology (CP)	1.0
		11	12	Advanced Placement Chemistry	1.0
		11	12	IB Chemistry	1.0
		11	12	IB Biology	1.0

211 Biology (CP) or (CEP - 212)

215 Biology (Honors)

Grade: 9

Credit: 1.0

Course Description: This course is designed to introduce students to the fundamentals of biology and highlight the impact biology has on their lives. Topics range from cell and molecular biology to environmental studies such as ecology and biodiversity.

Topics will be developed thematically utilizing a variety of methods including readings, laboratory exercises, demonstrations, discussions, projects, and more. Emphasis will be placed on developing laboratory, communication, and critical thinking skills.

218 Advanced Placement Biology (AP)

Grade: 11, 12

Credit: 1

Prerequisite: Grade of “B” or better in Biology (H) and Chemistry (H).

Course Description: The student will understand the diversity of life and the interrelationships between organisms. The student will identify the biological bases of problems in medicine, public health, agriculture and conservation. The student is required to take the AP exam in Biology. A fee will be charged for the AP exam.

222 Chemistry (CP) or (CEP - 223)

Grade: 10

Credit: 1.0

Prerequisites: For (CP) a minimum of “B” in both semesters (CEP) and previous instructor approval.

Course Description: The student will learn about the existence of atoms, the building blocks of matter, and their structure. They will learn how these atoms make up all the known elements and compounds. Students will study the elements and their arrangement on the periodic table. They will study the dynamics that go into elements

combining to form new substances/compounds. They will study their properties both physical and chemical. They will learn to write the symbols of elements, the formulas of compounds, and express their reactions in the form of chemical equations. All of the measurements used in understanding the above are done in the metric system; therefore, students will study and use the metric system.

225 Chemistry (Honors)

Grade: 10

Credit: 1.0

Prerequisite: A minimum grade of "B" or better for both semesters in (CP) science courses already taken, a "B" or better for both semesters in Algebra (H).

Course Description: Students will learn about chemical bonding, the quantum mechanical model of the atom, molecular structure, chemical reactions, and mathematical applications wherever possible.

228 Advanced Placement Chemistry (AP)

Grade level: 12

Credit: 1.0

Prerequisite: Earned a "B" or higher in both Biology(H), Chemistry (H) and Physics (H). Approval of the instructor required. If AP Chemistry is taken Junior year, Physics may be taken in advance or concurrently.

Course Description: AP Chemistry is designed to be the equivalent of a first-year undergraduate chemistry course. This course will challenge students in their abilities to think critically, express their thoughts both orally and in writing, and complete in-depth laboratory work. The major themes of this course will be the structure of matter, the states of matter, and the reactions of matter. This course will expand upon material already covered in the CP chemistry course, and introduce new topics of study including nuclear chemistry, oxidation/reduction reactions, equilibrium, kinetics, and thermodynamics. Students in this course will be required to take the AP exam in Chemistry, and a fee will be charged for this exam.

231 Physics (CEP)

Grade: 11, 12

Credit: 1.0

Prerequisite: Successful completion of Chemistry and Algebra I.

Course Description: This course is designed for the student who has an interest in science. Math is the language of physics so problem solving will be emphasized. Lab experiments will also be an integral part of this course. The following topics will be covered: motion, light, energy, electricity, magnetism, and atomic physics.

233 Physics (CP)

Grade: 11, 12

Credit: 1.0

Prerequisite: A minimum grade of "B" for both semesters in Algebra 1.

Course Description: This course is designed for students who want to have a well-rounded scientific education. The language of physics is mathematics, so problem solving is a key element of this course. The following topics will be covered: Motion, forces, momentum, gravitation, work, energy, heat, waves including sound, and light, electricity and magnetism, and atomic physics.

235 Physics (Honors)

Grade: 11, 12

Credit: 1.0

Prerequisite: A minimum grade of "B" for both semesters in Algebra I (H) and Chemistry (H).

Course Description: This course is designed for students who want to pursue a degree in science on the college level. This course is math intensive. Students are expected to solve difficult, multi-step problems. Laboratory experiments are also an essential part of the course. The following topics will be covered: Motion and forces, momentum, gravitation, work and energy, heat and thermodynamics, waves, electricity and magnetism, atomic physics and quantum mechanics.

260 Anatomy & Physiology (CP)

Grade: 11, 12

Credit: 1.0

Prerequisite: completion of Biology with a minimum grade of "C" or higher for both semesters.

Course Description: The student will be able to discuss, describe, and demonstrate the complete structural and functional integrity of the various organ systems of the human body. This is an excellent course for students interested in medicine and/or physical therapy.

SOCIAL STUDIES

Required Courses Offered: (To be taken in the order listed.)

Grades				Course Title	Credit
9				World & American Studies 1 (H, CP, CEP)	1.0
	10	11		World & American Studies 2 (H, CP, CEP)	1.0
		11	12	World & American Studies 3 (H, CP)	1.0
			12	Civics and Consumer Education	0.5
Elective Courses					
	10	11	12	Chicago History (CP)	0.5
		11	12	Psychology (CP)	0.5
9	10	11	12	World Geography (CP)	0.5
9	10	11	12	Global Issues and Solutions (CP)	0.5
	10	11	12	Advanced Placement Euro. History	1.0
		11	12	Advanced Placement U.S. History	1.0
		11	12	IB History of the Americas	1.0

311 World & American Studies 1:

Prehistory to the Renaissance/Reformation (CP) 9

312 World & American Studies 1:

Prehistory to the Renaissance/Reformation (CEP) 9

315 World & American Studies 1:

Prehistory to the Renaissance/Reformation (Honors) 9

Grade: See above

Credit: 1.0

Course Description: World and American Studies 1 is a crucial step towards the study of history. In this course, students will be able to use the past to form a meaningful understanding of our diverse cultural heritage and to guide their decisions as citizens of a democracy. Students will understand how features of geography have helped shape human history and economics. Students will use knowledge of political systems, especially our American system, to make informed decisions about governing their communities. Students will use methods of social science investigation to answer questions about society. Students will analyze public issues and construct and express thoughtful positions on these issues. Students will act constructively to further the public good. Topics include Ancient man, Early River Valley Civilizations, First Empires, Greece and Rome, Eastern and African Civilizations, Middle Ages, Renaissance, and the Age of Exploration. This is a required course.

322 World & American Studies 2: Columbus to the Gilded Age (CP)

323 World & American Studies 2: Columbus to the Gilded Age (CEP)

325 World & American Studies 2: Columbus to the Gilded Age (Honors)

Grade: 10

Credit: 1.0

Prerequisite: World & American Studies 1

Course Description: World and American Studies 2 covers the eras of Age of Exploration through Industrial Revolution in Europe and Colonization through Reconstruction in America. In this course, students will take the knowledge gained from WAS I and apply their skills to WAS II. Topics of importance include: Age of Exploration, Absolute Monarchy, Enlightenment, Industrial Revolution, Colonization, American

Revolution, Civil War and Reconstruction. Also included in this course is the study of the American Constitution and Illinois Constitution. This is a required course.

333 World & American Studies 3: Age of Imperialism to the Present (CP)

335 World & American Studies 3: 1 Age of Imperialism to the Present (Honors)

Grade: 11

Credit: 1.0

Prerequisite: World & American Studies 2

Course Description: World and American Studies 3 continues the thematic learning sequences of the study of history. Topics include the Age of Imperialism, the World Wars, the Cold War, Vietnam, Civil Rights Movements, spread of Democracy throughout Africa, Nationalism, the Great Depression, and Present-Day. This is a required course, however if a student is eligible for Advanced Placement U.S. History, a student may substitute A.P. U.S. for WAS III.

337 World Geography (CP)

Grade: 9, 10, 11, 12 (Fall Semester)

Credit: 0.5

Course Description: In this elective course, students will analyze geographic issues in the world and how man is affected by geography. The following themes will be discussed: places, regions and cultures, how geographic factors influence past and present events, human and environmental interaction, physical and ideological developments and human systems such as population distribution and urbanization patterns.

340 Chicago History (CP)

Grade: 10, 11, 12

Credit: 0.5

Course Description: Students will discover how Chicago grew from a swampy wilderness outpost to today's giant metropolis. They will be able to analyze the "real" Chicago story and debunk myths such as Mrs. O' Leary's cow starting the fire and they will be able to discuss why Chicago's location was and is such a critical factor in its development. They will be able to identify the unique contributions that Chicago has made to world architecture. Students will be able to research some aspect of the city's history by using primary sources.

342 Global Issues and Solutions

Grade: 9, 10, 11, 12

Credit: 0.5

Course Description: The course examines the cause and effect of major issues facing the world today. We will look at how the United States and the rest of the world are working to solve these problems. Topics included, but are not limited to: global warming, renewable energy, the fight for natural resources, regional military conflicts, terrorism, and world hunger.

343 Civics and Consumer Education

Grade: 12

Credit: 0.5

Course Description: The first part of the course will cover topics such as: who is a citizen, responsibilities of citizenship, voting and elections, political parties, local government, and community issues. The second part of the course will cover sections on auto, life and health insurance, investing in stocks and bonds, proper use of credit, tax computations, consumer buying and the U.S. economy.

358 Advanced Placement United States History (AP)

Grade 11, 12

Credit: 1.0

Prerequisite: WAS 2 (H) or WAS 3 (H) with a grade of “B” or higher and previous instructor approval.

Course Description: The AP US History course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. The program prepares students for college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials—their relevance to a given interpretive problem, reliability, and importance—and to weigh the evidence and interpretations presented in historical scholarship. This course may be substituted for WAS III.

368 Advanced Placement European (AP) History, 1450 – Present

Grade: 10, 11, 12

Credit: 1.0

Prerequisite: WAS 2 (H) or WAS 3 (H) with a grade of “B” or higher and previous instructor approval. For 10th grade enrollment WAS I (H) and Department Chair approval.

Course Description: This course prepares students for intermediate and advanced college courses in Western Civilization by making demands upon them equivalent to those made by full-year introductory college courses. Students will be able to demonstrate knowledge of the intellectual and cultural history, the political and diplomatic history, and the social and economic history of Europe from 1450 (the High Renaissance) to the present. Students will be able to formulate and support conclusions from documentary evidence. Students will be able to express historical understanding and analysis in writing. This course may be substituted for the first semester of WAS II.

376 Psychology (CP)

Grade: 11, 12

Credit: 0.5

Course Description: Students will take an eclectic approach to psychology by studying human development, the brain, the nervous system, statistics, testing, learning, emotions, and communication. Students will be introduced to current theories that apply to major social problems that dominate the modern world. These insights will also help the student guide the growth of his/her own personality in desired directions. Supervised experiments and written reports will be required for all students.

RELIGIOUS EDUCATION

Required Courses Offered:

Grades	Course Title	Credit
9	Introduction to Catholicism (CP)	0.5
	World Religions (CP)	0.5
10	Sacred Scripture (CP)	1.0
11	Christian Morality I (CP)	0.5
11	Christian Morality II (CP)	0.5
	12 Church History (CP)	0.5
	Social Justice (CP)	0.5
10 11 12	Summer School Theology Elective	0.5
Elective Courses to Fulfil Christian Morality II requirement:		
10 11 12	Peer Ministry	0.5
10 11 12	Service Learning (Christian Morality II)	0.5
10 11 12	Multicultural Influences on Christianity (Christian Morality II)	0.5

411 Introduction to Catholicism (CP)

Grade: 9 (Fall Semester)

Credit: 0.5

Course Description: Freshmen are introduced to basic foundational concepts of the Roman Catholic Church. The range of topics includes: the historical Jesus, discipleship, grace, sacraments, saints, image of church, and trinity. The Catholic faith is presented at a level that is appropriate to the developmental level of the adolescent. Catholic Identity class allows the student to explore their own spirituality and prayer life as they enter high school.

416 World Religions (CP)

Grade: 9 (Spring Semester)

Credit: 0.5

Course Description: World Religions is an introductory survey of the traditions of the major religions of the world; Hinduism, Buddhism, Judaism, Christianity and Islam. During this course, students will become familiar with the basic elements of these religious traditions. Their core beliefs and teachings, rituals and worship, moral codes and forms of spirituality will be explored.

424 Sacred Scripture

Grade 10

Credit 1.0

This course will analyze the literature, events, and themes of the Bible, including the organization, historical context, and geography of both the Old and New Testament. By interpreting scripture through a critical lens, students will consider how oral traditions and historical narratives reveal the spiritual truths of the Christian faith.

Sophomores will be exposed to the foundation that the Old Testament lays for the New Testament and the coming of Jesus, as well as his life, ministry, death, and resurrection. Finally, students will examine how the promise of the Old Testament Messiah is fulfilled in the New Testament, and the progression of the Gospel through writings of Paul and the early Apostles, forming the foundation for our Church today.

428 Christian Morality I (CP)

Grade: 11

Credit: 0.5

Course Description: This course will focus on the foundational principles of Christian Morality including moral choices and God's plan as well as the law of God. Students will learn to analyze moral decisions by intention, action, and consequence. Students will consider contemporary moral issues in the light of the foundational principles of life in Christ.

Note: *Christian Morality I is required for all first semester juniors. Christian Morality II will be taken by most second semester juniors. There are several alternate options that fulfill Christian Morality II, including Peer Ministry, Service Learning (Summer), and Multicultural Influences on Christianity. These courses are open to grades 10-12, but will be scheduled as **electives** for sophomores and seniors. Sophomores who take one of these courses will fulfill their requirement for Christian Morality II and will not have to take it second semester of junior year.*

429 Christian Morality II (CP)

Grade 11

Credit: 0.5

Course Description: Whatever our path in life, we are all called to live out our morality in response to God's call. The second semester of Christian Morality invites students to consider the Christian call to a life of vocation. This course extends the principles of living life in Christ to the vocations to marriage or religious life.

437 Church History (CP)

Grade: 12 (Fall Semester)

Credit: 0.5

Course Description: Beginning with Pentecost, the story of the Church is a story of sin, of God's redeeming grace and the promise of Jesus to be with his Church until the end of time. This course is a chronological study of the events and Spirit-filled personalities that shaped the story throughout the centuries. Attention will also be given to the contributions of the Church to Western Culture and Thought.

438 Social Justice (CP)

Grade: 12 (Spring Semester)

Credit: 0.5

Course Description: As a follow-up to Morality, this course will expand the study of morality beyond the self to the policies and programs of government and society. The topics of poverty, homelessness, prejudice and human rights will be examined in the light of moral mandates.

439 Peer Ministry

Grade 10,11,12

Credit: 0.5

Course Description: Peer ministry is an active response to the baptismal call of service that empowers young people to be a living Gospel within the school community. This course is structured to help students minister to their classmates, the DePaul Prep community, and to the larger world community. Students will be challenged to identify their ministry as a gift from God that is rooted in the idea of service to others. Through the texts, supplemental articles and hands-on experiences, students will plan and implement events in the DePaul Prep school community. Students will work with theology teachers and the Campus Minister to create and coordinate Eucharistic liturgies, prayer services, retreats, prayer opportunities, and volunteer/service experiences.

440 Service Learning (Summer School Theology Elective)

Grade 10,11,12

Prerequisite: Must be a DePaul Prep student for at least one full semester and at least a rising sophomore

Credit: 0.5

Course Description/Dates: June 18 – June 22nd this includes the classroom portion 8am – 3pm with a one hour break. The service trip will take place during Spring Break 2019. Students attending the spring break service trip to Costa Rica will enroll in a 5-day summer school course focused on the intersection of faith, service, and social justice. The price of the course and trip is \$2900 and includes all flights, accommodations, meals, activities for the spring break trip to Costa Rica and .5 credit of Theology. Students must submit an application in order to apply for the trip and course. Please see Ms. Orr for full trip and course details.

442 Multicultural Influences on Christianity (Christian Morality II) (CP)

Grade 10,11,12

Credit: 0.5

Course Description: This course will consider the contributions to Christianity of people of African, Hispanic, Asian, Middle Eastern, and Native American descent. This course will give students a deeper understanding of the roots of Christian faith and the diverse manifestations of Christian faith in the modern world. This course will highlight prominent individuals like St. Juan Diego, Frederick Douglass, Sojourner Truth, W.E.B. DuBois, Cesar Chavez & Delorries Huerta, Malcolm X, Gustavo Gutierrez, and others, as well a trace spiritual developments through social movements. This course fulfills the Christian Morality II requirement for sophomores and juniors (seniors may take it as an elective).

LANGUAGES

Courses Offered:

Grades				Course Title	Credit
9	10	11	12	Spanish 1 (CP)	1.0
9	10	11	12	Spanish 2 (CP)	1.0
9	10	11	12	Spanish 3 (CP)	1.0
9	10	11	12	Spanish 3 (H)	1.0
		11	12	Spanish 4 (H)	1.0
			12	Spanish 5 (H)	1.0
9	10	11	12	French 1 (CP)	1.0
9	10	11	12	French 2 (CP)	1.0
9	10	11	12	French 3 (CP)	1.0
9	10	11	12	French 3 (H)	1.0
		11	12	French 4 (H)	1.0
			12	French 5 (H)	1.0
9	10	11	12	Chinese 1 (CP)	1.0
9	10	11	12	Chinese 2 (CP)	1.0
9	10	11	12	Chinese 3 (CP)	1.0
9	10	11	12	Chinese 4 (CP)	
		11	12	IB French Language B	
		11	12	IB Spanish Language B	

- All world language courses beyond Level I require that students complete both prior prerequisite semesters of the language with a satisfactory passing grade. It is the department's expectation that in order for students to advance to the next level, they should have a grade of C- or better.
- In the case of transfer students or incoming freshman, the guidance counselor will place that student where most appropriate, according to the results of a teacher administered placement test and the student's transcript, with the understanding that the classroom teacher will finalize that placement within four class periods after placement is made.

511 Spanish 1 (CP)

Grade: 9, 10, 11, 12

Credit: 1.0

Prerequisite: None

Course Description: This beginning course is appropriate for students who have no previous knowledge of the Spanish language and/or culture. The course is aimed at providing the student with a panoramic survey of the language through speaking, listening, reading, and writing. Special emphasis will be placed upon oral communication and will be reinforced through the fundamentals of grammar, pronunciation, reading, writing, and culture. By developing basic speaking and comprehension skills, students will establish a solid foundation in the Spanish language. Additionally, the study of geography and culture of countries where the language is spoken will be an integral part of each course. Strategies will be taught in order for students to become effective language learners. Within this context, the course provides students with opportunities to:

- comprehend new language through dialogues, clip art, rhymes, visuals and movies
- communicate through listening exercises, paired activities, the use of technology

- and native speakers
- answer questions and express personal opinions both verbally and in writing
- compare languages and cultures through grammar study, pronunciation, art, and readings in authentic settings

512 Spanish 2 (CP)

Grade: 9, 10, 11, 12

Credit: 1.0

Prerequisite: Successful completion of Spanish 1.

Course Description: Prerequisite: Successful completion of Spanish 1

Course Description: This intermediate course is a continuation of the first year course and is appropriate for students who have acquired a basic foundation in the Spanish language. The course is aimed at further developing the student's confidence in oral expression while paying close attention to the use of grammatical structures, style, pronunciation, and cultural cues. Students will be introduced to a variety of reading and writing exercises that will serve to reinforce the oral focus of the course. The goal of Level II is to expand the student's ability to talk about school activities, living in the city, one's daily routine, and other topics that the student might use in real life. As the student's list of useful vocabulary grows, so does the ability to talk and write about more topics in a more authentic way. The course provides students with the opportunities to:

- comprehend new language through dialogues, clip art, rhymes, visuals and movies
- communicate through listening exercises, paired activities, the use of technology and native speakers
- answer questions and express personal opinions both verbally and in writing
- compare languages and cultures through grammar study, pronunciation, art, and readings in authentic settings

513 Spanish 3 (H)

Grade: 9, 10, 11, 12

Credit: 1.0

Prerequisite: Completion of Spanish I & II all semesters with a grade of B or better and recommendation of the previous school year instructor.

Course Description: This intermediate course is a continuation of the second year course and is appropriate for students who have acquired an intermediate foundation in the Spanish language and culture. The course is aimed at further developing the student's confidence in oral and written expression while paying close attention to the use of grammatical structures, style, pronunciation, and cultural cues. Students will develop literacy skills through the reading of selections from Spanish literature. The course will be conducted at an accelerated pace to provide more time to explore other areas of the language and culture. Additionally, this course is designed to prepare the students for continuing their studies in Spanish, and preparing them for Spanish 4 (H) and Spanish 5 where they will prepare for taking the AP Spanish exam. More material will be covered than in the regular Spanish 3 program with the goal of further enhancing the development of the basic skills of listening, speaking, reading, and writing. Oral proficiency and sentence structure are emphasized. Students continue to learn about the countries where Spanish is spoken, as well as about the Spanish-speaking population of the United States. The course provides students with opportunities to:

- **comprehend** new language through dialogues, clip art, rhymes, visuals and movies

- **communicate** through listening exercises, paired activities, the use of technology and native speakers
- **answer questions and express personal opinions** both verbally and in writing
- **compare languages and cultures** through grammar study, pronunciation, art, and readings in authentic settings
- **write** more in the target language
- **read** more in the target language using both short novels and essays

514 Spanish 4 (H)

Grade: 11, 12

Credit: 1.0

Prerequisite: Completion of Spanish III with a grade of B or better and recommendation of the previous school year instructor.

Course Description: This advanced course is a continuation of the third year course and is appropriate for students who have acquired an intermediate foundation of the language. This honors course will continue to develop skills in oral and written expression while reinforcing mastery of the grammatical structures of the Spanish language. Selections from Spanish literature provide the basis for strengthening literacy skills, and films offer an insight into Spanish culture. We continue to practice the language by reading, writing, listening, and speaking Spanish on a daily basis. The goal of Level IV, however, is to expand the student's ability to talk about cultural differences in the world. The students explore the history, art, political development, and cultural traditions of Spain, South America, and Central America. As vocabulary grows for the student, so does the ability to talk and write about more topics in a more authentic way in Spanish. Sentence structure becomes even more sophisticated. The students talk about the various countries they study using the verb tenses in Spanish they are practicing or learning. The course provides the students with opportunities to:

- **comprehend** new language through dialogues, clip art, rhymes, visuals and movies
- **communicate** through listening exercises, paired activities, the use of technology and native speakers
- **answer questions and express personal opinions** both verbally and in writing
- **compare languages and cultures** through grammar study, pronunciation, art, and readings in authentic settings
- **write** more in the target language
- **read** more in the target language using both short novels and essays.

515 Spanish 5 (H)

Grade: 11,12

Credit: 1.0

Prerequisite: Completion of Spanish 4 (H) with a grade of B or better and recommendation of the previous school year instructor.

Course Description: This advanced course develops student's skills in communicating in their new language on a higher level and in more challenging situations. Additional grammar and vocabulary provide the foundation needed for these advanced skills. Reading and writing in the new language complement the oral practice to give a balanced experience. Cultural background provides an appreciation of countries in which the language is spoken. Spanish 5 (H) emphasizes an introduction to the college level study of language. This course will enable students to participate in activities beyond the classroom. Students must be willing to participate in conversations, and promote the

benefits of foreign language study and the study of the cultures in which the language is spoken. All students, whether designated AP or not, will be fully prepared to take the AP language exam after successfully completing this course. In addition, students will be able to:

- **initiate** and participate in conversations on current or past events
- **analyze** the main plot, subplot, characters and their descriptions, roles and significance in authentic literary texts
- **create** stories and poems, short plays, and skits based on themes, ideas and perspectives from Spanish-speaking cultures
- **summarize** the content of an article, a story, and to discuss these topics in Spanish

516 Spanish 3 (CP)

Prerequisite: Completion of Spanish I & II - all semesters with a grade of C- or better

Course Description: This intermediate course is a continuation of the second year CP Spanish course and is appropriate for students who have acquired an intermediate foundation in the Spanish language and culture. It is aimed at further developing the student's confidence in oral and written expression while paying close attention to the use of grammatical structures, style, pronunciation, and cultural cues. Students will be introduced to a variety of reading and writing exercises that will serve to reinforce the oral focus of the course. Students will encounter a selection of reading materials that will include poetry and short stories. The goal of Level III is to expand the student's ability to talk about different situations in life. The students explore the world of Spanish art, getting a job, going on vacation, and other authentic situations. As vocabulary continues to grow for the student, so does the ability to talk and write about more topics in a more authentic way. Sentence structure becomes more sophisticated. The students talk about the present, the past, and the future. The course provides students with opportunities to:

- **comprehend** new language through dialogues, clip art, rhymes, visuals and movies
- **communicate** through listening exercises, paired activities, the use of technology and native speakers
- **answer questions and express personal** opinions both verbally and in writing
- compare languages and cultures through grammar study, pronunciation, art, and readings in authentic settings
- **write** more in the target language
- **describe** different aspects of the culture using technology where appropriate

521 French 1 (CP)

Grade: 9, 10, 11, 12

Credit: 1.0

Prerequisite: None

Course Description: This beginning course is appropriate for students who have no previous knowledge of the French language and culture. The course is aimed at providing the student with a panoramic survey of the language through speaking, listening, reading, and writing. Special emphasis will be placed upon oral communication and will be reinforced through the fundamentals of grammar, pronunciation, reading, writing, and culture. By developing basic speaking and comprehension skills, students will establish a solid foundation in the French language. Additionally, the study of geography and culture of countries where the

language is spoken will be an integral part of each course. Strategies will be taught in order for students to become effective language learners. Within this context, the course provides students with opportunities to:

- **comprehend** new language through dialogues, clip art, rhymes, visuals and movies
- **communicate** through listening exercises, paired activities, the use of technology and native speakers
- **answer questions and express personal opinions** both verbally and in writing
- **compare languages and cultures** through grammar study, pronunciation, art, and readings in authentic settings

522 French 2 (CP)

Grade: 9, 10, 11, 12

Credit: 1.0

Prerequisite: Successful completion of French

Course Description: This intermediate course is a continuation of the first year course and is appropriate for students who have acquired a basic foundation in the French language. The course is aimed at further developing the student's confidence in oral expression while paying close attention to the use of grammatical structures, style, pronunciation, and cultural cues. Students will be introduced to a variety of reading and writing exercises that will serve to reinforce the oral focus of the course. The goal of Level II is to expand the student's ability to talk about school activities, living in the city, one's daily routine, and other topics that the student might use in real life. As the student's list of useful vocabulary grows, so does the ability to talk and write about more topics in a more authentic way. The course provides students with the opportunities to:

- **comprehend** new language through dialogues, clip art, rhymes, visuals and movies
- **communicate** through listening exercises, paired activities, the use of technology and native speakers
- **answer questions and express personal opinions** both verbally and in writing
- **compare languages and cultures** through grammar study, pronunciation, art, and readings in authentic settings

523 French 3 (Honors)

Grade: 9, 10, 11, 12

Credit: 1.0

Prerequisite: Successful completion of French 2 with a grade of B or better and recommendation of the previous year instructor.

Course Description: This intermediate course is a continuation of the second year course and is appropriate for students who have acquired an intermediate foundation in the French language and culture. The course is aimed at further developing the student's confidence in oral and written expression while paying close attention to the use of grammatical structures, style, pronunciation, and cultural cues. Students will develop literacy skills through the reading of selections from French literature. The course will be conducted at an accelerated pace to provide more time to explore other areas of the language and culture. Additionally, this course is designed to prepare the students for continuing their studies in Spanish, and preparing them for Spanish 4 (H) and Spanish 5 where they will prepare for taking the AP Spanish exam. More material will be covered than in the regular Spanish 3 program with the goal of further enhancing

the development of the basic skills of listening, speaking, reading, and writing. Oral proficiency and sentence structure are emphasized. Students continue to learn about the countries where Spanish is spoken, as well as about the Spanish-speaking population of the United States. The course provides students with opportunities to:

- **comprehend** new language through dialogues, clip art, rhymes, visuals and movies
- **communicate** through listening exercises, paired activities, the use of technology and native speakers
- **answer questions and express personal opinions** both verbally and in writing
- **compare languages and cultures** through grammar study, pronunciation, art, and readings in authentic settings
- **write** more in the target language
- **read** more in the target language using both short novels and essays

524 French 4 (H)

Grade: 11, 12

Credit: 1.0

Prerequisite: Successful completion of French 3 with a grade of A or B

Course Description: This advanced course is a continuation of the third year course and is appropriate for students who have acquired an intermediate foundation of the language. This honors course will continue to develop skills in oral and written expression while reinforcing mastery of the grammatical structures of the French language. Selections from French literature provide the basis for strengthening literacy skills, and films offer an insight into French culture. We continue to practice the language by reading, writing, listening, and speaking French on a daily basis. The goal of Level IV, however, is to expand the student's ability to talk about cultural differences in the world. The students explore the history, art, political development, and cultural traditions of France and Canada. As vocabulary grows for the student, so does the ability to talk and write about more topics in a more authentic way in Spanish. Sentence structure becomes even more sophisticated. The students talk about the various countries they study using the verb tenses in French they are practicing or learning. The course provides the students with opportunities to:

- **comprehend** new language through dialogues, clip art, rhymes, visuals and movies
- **communicate** through listening exercises, paired activities, the use of technology and native speakers
- **answer questions and express personal opinions** both verbally and in writing
- **compare languages and cultures** through grammar study, pronunciation, art, and readings in authentic settings
- **write** more in the target language
- **read** more in the target language using both short novels and essays

525 French 5 (H)

Grade: 11,12

Credit: 1.0

Prerequisite: Successful completion of French 4 with a grade of A or B

Course Description: This course develops students' skills in communicating in their new language on a higher level and in more challenging situations. Additional grammar and vocabulary provide the foundation needed for these advanced skills. Reading and writing in the new language complement the oral practice to give a balanced experience.

Cultural background provides an appreciation of countries in which the language is spoken. French 5 (H) emphasizes an introduction to the college level study of language. This course will enable students to participate in activities beyond the classroom. Students must be willing to participate in conversations, and promote the benefits of foreign language study and the study of the cultures in which the language is spoken. All students, whether designated AP or not, will be fully prepared to take the AP language exam after successfully completing this course. In addition, students will be able to:

- initiate and participate in conversations on current or past events
- analyze the main plot, subplot, characters and their descriptions, roles and significance in authentic literary texts
- create stories and poems, short plays, and skits based on themes, ideas and perspectives from French-speaking cultures
- summarize the content of an article, a story, and to discuss these topics in French

527 French 3 (CP)

1.0 credit

Grades 10, 11, 12

Prerequisite: Grades of C- or better in French 2.

Course Description: This intermediate course is a continuation of the second year CP French course and is appropriate for students who have acquired an intermediate foundation in the French language and culture. It is aimed at further developing the student's confidence in oral and written expression while paying close attention to the use of grammatical structures, style, pronunciation, and cultural cues. Students will be introduced to a variety of reading and writing exercises that will serve to reinforce the oral focus of the course. Students will encounter a selection of reading materials that will include poetry and short stories. The goal of Level III is to expand the student's ability to talk about different situations in life. The students explore the world of Spanish art, getting a job, going on vacation, and other authentic situations. As vocabulary continues to grow for the student, so does the ability to talk and write about more topics in a more authentic way. Sentence structure becomes more sophisticated. The students talk about the present, the past, and the future. The course provides students with opportunities to:

- comprehend new language through dialogues, clip art, rhymes, visuals and movies
- **communicate** through listening exercises, paired activities, the use of technology and native speakers
- **answer questions and express personal opinions** both verbally and in writing
- **compare languages and cultures** through grammar study, pronunciation, art, and readings in authentic settings
- **write** more in the target language
- **describe** different aspects of the culture using technology where appropriate

541 Chinese 1 (Mandarin) (CP)

Grade: 9, 10, 11, 12

Credit: 1.0

Prerequisite: None

Course Description: Introductory Chinese introduces basic Chinese language and Chinese culture to true beginning learners, focusing on Mandarin speaking in real life situations. This course teaches pronunciation, vocabulary, and grammar fundamentals as essential elements in reading, writing, and understanding elementary Chinese. The

course also covers necessary culture, customs, philosophy, and history, which serve as keys to studying the Chinese language. This beginning course is appropriate for students who have no previous knowledge of the Chinese language and/or culture. By developing basic speaking and comprehension skills, students will establish a solid foundation in the Chinese language. Additionally, the study of geography and culture of countries where the language is spoken will be an integral part of each course. Strategies will be taught in order for students to become effective language learners. Within this context, the course provides students with opportunities to:

- **comprehend** new language through dialogues, clip art, rhymes, visuals and movies
- **communicate** through listening exercises, paired activities, the use of technology and native speakers
- **answer questions and express personal opinions** both verbally and in writing
- **compare languages and cultures** through grammar study, pronunciation, art, and readings in authentic settings

542 Chinese 2 (Mandarin) (CP)

Grades 10, 11, 12

Credit: 1.0

Prerequisite: Successful completion of Chinese (Mandarin) 1.

Course description: This course will provide the opportunity for students to expand their capabilities in speaking, listening, reading, and writing in Mandarin Chinese. A continuation of cultural topics, geography, and history will also be covered. This intermediate course is a continuation of the first year course and is appropriate for students who have acquired a basic foundation in the Chinese language. The goal of Level II is to expand the student's ability to talk about school activities, living in the city, one's daily routine, and other topics that the student might use in real life. As the student's list of useful vocabulary grows, so does the ability to talk and write about more topics in a more authentic way. The course provides students with the opportunities to:

- **comprehend** new language through dialogues, clip art, rhymes, visuals and movies
- **communicate** through listening exercises, paired activities, the use of technology and native speakers
- **answer questions and express personal opinions** both verbally and in writing
- **compare languages and cultures** through grammar study, pronunciation, art, and readings in authentic settings

543 Chinese 3 (Mandarin) (CP)

1.0 credit

Grades 10, 11, 12

Prerequisite: Grades of C- or better in Chinese 2.

Course Description: This intermediate course is a continuation of the second year CP Spanish course and is appropriate for students who have acquired an intermediate foundation in the Spanish language and culture. It is aimed at further developing the student's confidence in oral and written expression while paying close attention to the

use of grammatical structures, style, pronunciation, and cultural cues. Students will be introduced to a variety of reading and writing exercises that will serve to reinforce the oral focus of the course. Students will encounter a selection of reading materials that will include poetry and short stories. The goal of Level III is to expand the student's ability to talk about different situations in life. The students explore the world of Spanish art, getting a job, going on vacation, and other authentic situations. As vocabulary continues to grow for the student, so does the ability to talk and write about more topics in a more authentic way. Sentence structure becomes more sophisticated. The students talk about the present, the past, and the future. The course provides students with opportunities to:

- **comprehend** new language through dialogues, clip art, rhymes, visuals and movies
- **communicate** through listening exercises, paired activities, the use of technology and native speakers
- **answer questions and express personal opinions** both verbally and in writing
- **compare languages and cultures** through grammar study, pronunciation, art, and readings in authentic settings
- **write** more in the target language
- **describe** different aspects of the culture using technology where appropriate

544 Chinese 4

Grade: 11, 12

Credit: 1.0

Prerequisite: Successful completion of Chinese 3 with a grade of A or B

Course Description: This advanced course is a continuation of the third year course and is appropriate for students who have acquired an intermediate foundation of the language. This course will continue to develop skills in oral and written expression while reinforcing mastery of the grammatical structures of the Chinese language. Selections from Chinese literature provide the basis for strengthening literacy skills, and films offer an insight into Chinese culture. We continue to practice the language by reading, writing, listening, and speaking Chinese on a daily basis. The goal of Level IV, however, is to expand the student's ability to talk about cultural differences in the world. The students explore the history, art, political development, and cultural traditions of China. As vocabulary grows for the student, so does the ability to talk and write about more topics in a more authentic way. Sentence structure becomes even more sophisticated. The students talk about the various countries they study using the verb tenses in Chinese they are practicing or learning. The course provides the students with opportunities to:

- **comprehend** new language through dialogues, clip art, rhymes, visuals and movies
- **communicate** through listening exercises, paired activities, the use of technology and native speakers
- **answer questions and express personal opinions** both verbally and in writing
- **compare languages and cultures** through grammar study, pronunciation, art, and readings in authentic settings
- **write** more in the target language
- **read** more in the target language using both short novels and essays

STEAM

Grades				Integrated Design Engineering and the Arts	Credit
9				Intro to Engineering and the Arts	0.5
9				Intro to Digital and Fine Arts	0.5
Grades				Art Course Title	Credit
9	10	11	12	Art and Design (CP)	0.5
9	10	11	12	3-D Design (CP)	0.5
9	10	11	12	Graphics & Illustration (CP)	0.5
9	10	11	12	Printmaking (CP)	0.5
9	10	11	12	Animation (CP)	0.5
9	10	11	12	Painting (CP)	0.5
9	10	11	12	Sculpture (CP)	0.5
			12	Portfolio (CP) 1 st Semester only	0.5
Grades				Theater Course Title	Credit
9	10	11	12	Introduction to Theater Arts (Drama 1) (CP)	0.5
9	10	11	12	Intermediate Acting & Analysis (Drama 2) (CP)	0.5
		11	12	Stage Management and Production (Drama 3) (CP)	0.5
		11	12	Advanced Theater Art (Drama 4) (CP)	0.5
Grades				Music Course Title	Credit
9	10	11	12	Beginning Band (Performance ensemble)	1.0
9	10	11	12	Pep Band (Performance ensemble)	1.0
9	10	11	12	Choir (Performance ensemble)	1.0
9	10	11	12	Guitar 1 (CP)	0.5
	10	11	12	Guitar 2 (CP)	1.0
9	10	11	12	String Ensemble	1.0
9	10	11	12	Music Production and Composition (Non Performance)	0.5
Grades				Media Arts Course Title	Credit
9	10	11	12	Journalism (CP)	0.5
9	10	11	12	Film Production Fundamentals (CP)	0.5
9	10	11	12	Screenwriting and Genre Study (CP)	0.5
9	10	11	12	Documentary Filmmaking (CP)	0.5
Grades				Computer Science	Credit
9	10	11	12	Introduction to Computer Design Principles	0.5
9	10	11	12	Robotics	0.5
	10	11	12	Computer Science AP	1.0
	10	11	12	AP Computer Science Principles	1.0
Grades				Engineering	Credit
	10	11	12	Intro to Engineering Principles and Design (CP)	0.5
		11	12	Sustainability and Environmental Engineering (CP)	0.5
9	10	11	12	Eco Architecture and Civil Engineering (CP)	0.5
		11	12	Engineering and Global Development (CP)	0.5
9	10	11	12	Botany/Nutrition and Organic Farming	1.0

IDEA

688/689 Integrated Design, Engineering and the Arts

Grade: 9

Credit: 1.0

Full Year

Course Description: This course will focus on how the artist, filmmaker, engineer, and computer scientist can shape audience perspective and how social context can influence each of these fields. Students will take two sequences of the Steam class; the first will be either a cross collaborative course between art and media, or an engineering sequence. The engineering sequence will be a cross-collaborative course between integrated computing and design and fabrication. Both sequences will end in a collaborative project between the two content areas focused on during the semester.

ART

604 Art and Design

Grade: 9, 10, 11, 12

Credit: 0.5

This course is a prerequisite for all other art courses and the IB Visual Arts Program

Course Description: The fundamental tool for all disciplines in art is drawing. Art and Design focuses on Classical drawing skills, using a wide range of drawing materials. Representation of the observed world, personal expression and experimentation will be encouraged as students learn to utilize visual language: The Elements of Art and Principles of Design. Students compare realism, abstraction, and stylized depiction in studio practice and art history for second quarter projects.

606 3-D Design

Grade: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Art and Design

Course Description: 3-D Design blurs the distinction between Fine Art object and Craft in 3-dimensional modeling. Students work in the sculpture studio, with a broad range of materials, as they progress from visualization and design to production. Projects created may serve a particular function or be evidence of pure aesthetic expression. Assignments include designs for toys, furniture, structures or 3-D artistic objects. This course encourages discovery as to how artists and designers are reconfiguring our environment in the 21st century.

608 Graphics and Illustration

Grade: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Art and Design

Course Description: Continued exploration in visual literacy and advanced drawing studies of the figure and animal inform a variety of projects. Students compare and

contrast realism, stylized rendering and abstraction in their subject matter. Investigations into the effect of scientific discovery and technology will parallel its relation to the artist's practice in fine and commercial art.

612 Printmaking

Grade: 9, 10, 11, 12 Credit: 0.5

Prerequisite: Art and Design

Course Description: This course covers a wide range of techniques including silkscreen, Relief, Intaglio, printmaking. The Art Studio features the use of a Whelan Printmaking Press and access to a variety of colored inks and printmaking papers. Students have unique opportunities to develop series of prints with equipment and processes usually made available only in professional printing studios. Students may build upon ideas and images developed in prior art courses.

613 Animation (CP)

Grade: 9, 10, 11, 12

Credit: 0.5

Prerequisite: A minimum grade of "C" or higher in Art and Design.

Course Description: Students will study the historic developments in photography and its influence on sequential art and the cinema. Comic books, cartoons, flip books and animated features are the key projects produced for this course.

614 Painting

Grade: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Art and Design

Course Description: Painting is one of the most expressive and oldest art forms. Demonstrations in watercolor, gouache, acrylic and oil painting introduce each medium's techniques, concepts and materials. The instructor mentors each student in order to build skills and problem-solve aesthetic issues in composition and painted form. This course builds the student's confidence in articulating his/her intentions for creating images on canvas, wood or paper.

616 Sculpture (CP)

Grade: 9, 10, 11, 12

Credit: 0.5

Prerequisite: A minimum grade of "C" or higher in Art and Design.

Course Description: Students will learn a wide range of sculpting techniques that use additive and subtractive processes. Building volume in form by modeling clay, constructing armatures, carving plaster, welding and assemblage of found materials are some of the projects covered in class. Students will experience unique opportunities at studios outside the art room for this course.

665 Portfolio

Grade: 12

Credit: 0.5 (First Semester Only)

Prerequisite: Art and Design and the instructor's permission and has taken at least two other art classes.

Course Description: Portfolio is a higher-level studio course with a dual emphasis on creating and thinking. Students build upon previous studio experience to form a body of advanced work that demonstrates a cohesive and personal voice. Portfolios and artist statements are key to college acceptance for students interested in a career in the arts. This course is open to seniors.

THEATER

651 Introduction to Theater Arts – (CP)

Grade: 9, 10, 11, 12

Credit: 0.5

Course Description: Introduction to Theater Arts is a one-semester course open to all grade levels, which explores the elements of drama through improvisation, theatre games, and scenes from contemporary plays. Students will develop skills in acting, storytelling, and scene analysis, as well as understanding the processes of creating live theatre. Completion of this course serves as the pre-requisite class that allows entrance into any of the classes that follow below.

652 Physical Characterization – (CP)

Grade: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Minimum grade of “C” or better in Introduction to Theater Arts

Course Description: This one-semester course emphasizes the creation of character from the outside-in. Exercises and in-class projects focus on the use of the entire body as an instrument in storytelling and trace the use of character archetypes in various theatrical styles and time periods. Units include improvisation, observation, pantomime, neutral and character mask, commedia, and clown. Class will culminate in a student presentation as part of the Spring Festival of the Arts.

653 Directing and Playwriting - (CP)

Grade: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Minimum grade of “C” or better in Introduction to Theater Arts

Course Description: This one-semester course focuses on the roles of playwright and director in the process of bringing narrative to life on stage by taking a larger view of the production. Staging concepts, use of visual image, and sound are explored as means to enhance and economize events as parts of the forward movement of a dramatic arc. Students will then employ various initiatives in generating original scripted material for two to five characters. Class will culminate in a student-driven ten-minute play festival written, directed, and performed as part of the Spring Festival of the Arts.

654 Advanced Acting/Scene Study

Grade: 9,10,11, 12

Credit: 0.5

Prerequisite: Minimum grade of “C” or better in Introduction to Theater Arts

Course Description: This one-semester course builds on the foundations of the acting process, and expands on them through more formal work with scripted texts, voice and speech, and the consideration of thematic statements of the playwright. Emphasis will be placed on looking for solutions in the text that enhance and intensify theatrical moments. Case studies in selected plays (American Realism) will begin with close reading and analysis, followed by selection and performance of scenes. Class work will involve more rehearsal and preparation with actors required to articulate and justify their choices. As work progresses, the scripted material will become more complex and challenging. Class will culminate in a showcase of scenes presented as part of the Spring Festival of the Arts.

655 Advanced Acting/Experimental Theater Lab

Grade: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Minimum grade of “C” or better in Introduction to Theater Arts

Course Description: This one-semester course builds on the foundations of the acting process and examines the use of acting techniques as they apply to “real life” and “life imagined” in both scripted and improvised forms. Extended units will vary each time this course is offered to accommodate repeat completion for credit, and may include farce and sketch comedy, theater of the absurd, personal story and dream sequence, monologue, acting for the camera, musical theatre, Shakespeare and classical texts, dialect, and dramaturgy. Advanced level work will culminate in a student produced workshop production as part of the Spring Festival of the Arts.

MUSIC

626 Beginning Band (Performance Ensemble)

Grade: 9, 10, 11, 12

Credit: 1.0

This course is a prerequisite for participation in Pep Band. Students in Beginning Band will build the skills necessary to participate in a performance ensemble. This course will cover topics such as instrument care, basic playing technique, notation reading, scales, warm-ups, beginning repertoire, and musicianship. Instruments in this ensemble include woodwinds, brass, piano, guitar, bass, and percussion.

634 Choir 1 (Performance Ensemble)

Grade: 9, 10, 11, 12

Credit: 1.0

Course description: Choir will sing a diverse repertoire of music and perform at DePaul and in the surrounding community. Students in choir will provide music at liturgies, host traditional concerts at school, sing for various school events, and seek opportunities to share music within our neighborhood and city. Members of Choir will develop excellent musicianship, build aural skills, improve singing technique, practice sight singing, learn to work as an ensemble, and perform a variety of repertoire. No prior experience is necessary. This class may be repeated for credit.

649 Guitar 1 (CP)

Grade: 9, 10, 11, 12

Credit: 0.5

Course description: Entry level guitar students must be at the beginner level. All grade levels are welcome. This course offers an in depth study of the fundamentals of the guitar. Students will learn everything from how to properly hold the instrument to how to read music and tablature. Classes include group performance while always allowing time for students to work privately on their personal list of tasks for the class. Principles of rhythm, notation, tablature, chord charts, popular and classical music, power chords, finger exercises and strumming techniques are among the main focuses in this class.

650 Guitar 2 (CP)

Grade: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Audition or completion of Guitar 1

Course description: Advanced level guitar class. Students will build upon existing skills and improve dexterity, theory knowledge, technique, strumming and overall playing ability. Students will have the opportunity to work in groups as well as on solo projects. Various genres of guitar music will be covered.

674 Music Production and Composition (Non-performance elective)

Grade: 9, 10, 11, 12

Credit: 0.5

Course description Music Production and Composition will provide students with the skills and technological understanding necessary to create, produce, perform, and share their own musical compositions. Students in this course will create music using standard instruments and notation, and digitally with GarageBand and other apps and programs. Students will work individually, collaborate on projects, and objectively critique one another's work. Much of the work in this class will be project-based, and students will compile a portfolio of their work. No prior experience is necessary.

675 Pep Band (Performance ensemble)

Grade: 9, 10, 11, 12

Credit: 1.0

Course description To participate in Pep Band, students must have taken Beginning Band as a prerequisite or must seek approval from the teacher. Pep Band will create musical spirit and help cheer on the Rams at basketball games and other school events. While playing a variety of repertoire, members of Pep Band will develop excellent musicianship, improve instrument-playing skills, learn to work as an ensemble, and create a musical environment that inspires school spirit. Instruments in this ensemble include woodwinds, brass, piano, guitar, bass, and percussion. This course may be repeated for credit.

682 String Ensemble

Grade: 9,10,11,12

Credit 1.0

Students in String Ensemble will perform an extensive and varied repertoire of chamber music at traditional concerts and other school events throughout the school year. Students enrolled in this course will develop excellent musicianship, reinforce proper playing technique, develop notation reading skills, and learn to perform as an ensemble. Previous experience is not required. This course may be repeated. Instruments included in this ensemble include violin, viola, cello, and upright/double bass.

MEDIA ARTS

677 Journalism

Grade: 9, 10, 11, 12

Credit: 0.5

Course Description: Journalism is designed to change the way you look at the information around you, the way you seek information online and how you consume news in the 21st century. In addition to learning about how to consume news both in print and online, students will gain the skills to write news, sports, opinion, and feature articles for the online publication, *The Avenue*, and will also learn how to put together a broadcast news piece and podcast for digital publication.

678 Film Production Fundamentals

Grade: 9,10, 11, 12

Credit: 0.5 (Fall Semester)

Prerequisite: None

Course Description: Film Production takes an analytical and hands-on approach to the study of film production through film screenings, lecture, discussion, writing assignments, and production projects. By the end of the course, students will be able to shoot and edit a short film using Final Cut Pro X. The first part of the semester will be spent studying the production process, storyboarding, basic camera functions, shooting technique, and film editing; the second part of the semester will be spent on script writing and film analysis. Students will be required to complete several production projects during class time and outside of class throughout the semester.

679 Screen Writing and Genre Study

Grade: 9,10,11,12

Credit: 0.5 (Spring Semester)

Prerequisite: Film Production Fundamentals

Course Description: This course takes an analytical and hands-on approach to the study of film genres through analysis and production projects that focus on how narrative conventions impact the way we film. By the end of the course, students will be able to create meaning, tone, and emotion through a silent film, build suspense in a horror film, and write an extended script for a short, television mini-series. The course takes a collaborative approach to film production in which students will also learn how to operate and plan on a production team.

680 Documentary Filmmaking

Grade: 10, 11, 12

Credit: 0.5 (Spring Semester)

Prerequisite: Film Production Fundamentals

Course Description: In Documentary Filmmaking, students will study the filming and editing conventions of documentary filmmaking, how to create a documentary treatment, and how to develop an essential question and form a digital argument. Students will work closely with the teacher throughout the semester to create a documentary film that can be used in their college portfolio. This course is specifically targeted for students who want to pursue film, media studies, journalism, or marketing at the college level.

COMPUTER SCIENCE

708 AP Computer Science A

Grade: 11, 12

Credit: 1.0

Prerequisite: Introduction to Computer Science

Course Description: The AP Computer Science A course is approximately equivalent to a college-level introductory course in computer science. Because the design and implementation of computer programs to solve problems involve skills that are fundamental to the study of computer science, a large part of the course is built around the development of computer programs in Java that correctly solve a given problem. These programs are designed to be understandable, adaptable, and, when appropriate, reusable. At the same time, the design and implementation of computer programs is used as a context for introducing other important aspects of computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, the study of standard algorithms and typical applications, and the use of logic and formal methods. In addition, the responsible use of these systems is an integral part of the course. This class is intended to serve both as an introductory course for prospective computer science majors and for students who will major in disciplines that require significant involvement with computing. This course is complementary to AP Computer Science Principles. Students can take these two AP courses in any order or at the same time, as schedules permit.

Prerequisites: *Introduction to Computer Science*

709 Introduction to Computer Science

Grade: 9,10,11,12

Credit: 0.5 (Fall Semester)

Course Description: This course is a semester-long introductory course that emphasizes basic programming components and analytical thinking through visual programming languages. This course advocates a "hands-on" learning approach in which students' primary means of learning through discovery, experimentation, and application. To that end, each unit is designed around a large, culminating, programming project that exercises the objectives of the unit. In addition, nearly all lessons in the curriculum include a guided activity of some kind to allow students to practice with and experience the concepts covered in the lesson first-hand. Taken together, the lessons provide the skills and support necessary to enable students demonstrate mastery of the unit's objectives and prepare them for future classes in computer science and robotics.

Prerequisite: *None*

714 Robotics

Grade: 9,10,11,12

Credit: 0.5 (Spring Semester)

Course description: *Robotics* is an introductory course that introduces students to the fundamentals of Robotics via a semester-long project where each student will build and program their own robot. Robots are used to educate students in engineering basics, physical and programmable elements of robots, robotic control using fuzzy logic and fundamentals of textual computer programming. Students will learn via a series of hands-on engineering challenges through which they must solve via programmatic control of the robots.

Prerequisite: *Introduction to Computer Science*

715 CS Principles (AP)

Grade: 11, 12

Credit: 1.0

Prerequisite: Introduction to Computer Science

Course Description: AP Computer Science Principles introduces students to the central ideas of computer science, inviting students to develop the computational thinking vital for success across multiple disciplines. The course is unique in its focus on fostering students to be creative and encouraging students to apply creative processes when developing computational artifacts. Students design and implement innovative solutions using an iterative process similar to what artists, writers, computer scientists, and engineers use to bring ideas to life.

To appeal to a broader audience, including those often underrepresented in computing, this course highlights the relevance of computer science by emphasizing the vital impact advances in computing have on people and society. By focusing the course beyond the study of machines and systems, students also have the opportunity to investigate the innovations in other fields that computing has made possible and examine the ethical implications of new

computing technologies. This course teaches students how to connect computing to other disciplines. It is intended for students

This course is complementary to AP Computer Science A. Students can take these two AP courses in any order or at the same time, as schedules permit. It is equivalent to a college-level computing class.

ENGINEERING TECHNOLOGY COURSES

Courses offered

Note: While there are no course fees for Engineering Technology courses, if tools or equipment are abused, stolen, or damaged due to negligence, a special fee will be collected either from the individual person involved or the class as a whole to repair or replace the item in question.

776 Botany/Nutrition and Organic Farming

Grade: 9, 10, 11, 12

Credit: 1.0

Prerequisite: None

Botany is a full year course that is divided into two main parts “Plants” (Mondays, Tuesdays, and Wednesdays) and “Culinary” (Thursdays and Fridays)

The first section covers the following:

This course begins with interactive labs in which students will grow, maintain, and harvest edible plants from seed to maturity. Students will identify and understand the physical properties of the following types of plants: invasive species, hazardous plants, carnivorous plants, and ornamental trees and shrubs. Students will create a functional handmade object using only plant matter (apple wood).

The second section covers the following: Basic culinary skills, safety, and kitchen procedure led by the staff of Green City Market. This course will describe the history, origin, and cooking fundamentals for multiple cultures and geographic locations using locally responsibly grown organic produce, in addition to healthy eating and meal budgeting habits.

777 Intro to Engineering Principles and Design

9, 10, 11, 12

No Prerequisite

Intro to Engineering Principles and Design is the prerequisite to all other engineering courses at DePaul College Prep and will focus on the engineering design process and basic fabrication using wood, metal, glass, and plastics. The first half of the semester will focus on engineering lab safety, the traditional use of hand tools, and basic joinery and fabrication. In the second half of the semester, students will study modern fabrication strategies using digital design software and 3D printer modeling to create an independent project of their choice.

778 Sustainability and Environmental Engineering

9, 10, 11, 12

Prerequisite: Intro to Engineering Principles and Design

In *Sustainability and Environmental Engineering*, students will study responsible

citizenship in their communities, current environmental issues, and how we can use cutting edge technology to solve global and domestic environmental issues. Students will also study sustainable agricultural practice and how engineers impact the way we farm and produce our country's food.

779 Eco Architecture and Civil Engineering

10, 11, 12

Prerequisite: Intro to Engineering Principles and Design

Students in *Eco Architecture and Civil Engineering* will study the history of architecture, the evolution of eco friendly building construction, and digital and hand drawn modeling methods. Students will take a close look at the architecture and building and design practices within their Chicago community and work to design their own building bridge construction for the city.

780 Engineering and Global Development

10, 11, 12

Prerequisite: Intro to Engineering Principles and Design

In *Engineering and Global Development*, students will learn how contemporary engineering can help solve domestic and global issues facing our society. In the first half of the semester, students will identify a local issue facing the Chicago community and work to design a product solution for that issue. Within the project students will also learn how politics, community culture, and resources can impact the design process. Students will also have the opportunity to participate in the *Enable Project*, a non-profit organization that produces prosthetic limbs for children. In the second half of the semester, students will study how the design process and engineering projects vary globally, and will design a product to solve an issue facing another country.

BUSINESS EDUCATION

Courses Offered

Grades	Course Title	Credit
11,12	811 Business Law (CP)	0.5
11,12	824 Marketing (CP)	0.5
11,12	826 Accounting (CP)	0.5

811 Business Law

Grade Level: 11,12

One Semester Credit: 0.5

The Business Law course is designed to provide students with an overview of our legal system, including statutes and regulations that affect businesses, families, and individuals in a variety of ways. Knowledge of business law is particularly useful because all students eventually assume the role of citizen, worker, and consumer in society. The curriculum of the course parallels that of an introduction to marketing class at a college level. The course is also beneficial for students considering any business major in college.

824 Marketing

Grade Level: 11,12

One Semester Credit: 0.5

The course focuses on the goals and uses of advertising, sales promotion, public relations, distribution, direct marketing, and personal selling in achieving the objectives of marketing. Students will learn all aspects of creating a formal marketing plan. The curriculum of the course parallels that of an introduction to marketing class at a college level. The course is also beneficial for students considering any business major in college.

826 Accounting (CP)

Grades: 11,12

Credit: 0.5

Course Description: This entry-level course emphasizes the accounting cycle as it applies to a sole proprietorship by teaching the basic principles of accounting and the financial operations of a business. Students engage in the process of recording, classifying, summarizing, analyzing, and communicating financial information.

KINETIC WELLNESS

Courses Offered

Grades	Course Title	Credit
9	Intro to Kinetic Wellness	0.5
10	Health Education (CP)	0.5
11	Kinetic Wellness 3 (CP)	0.5
12	Kinetic Wellness 4 (CP)	0.5
11 12	Strength Training (CP)	0.5
11 12	Alternative Fitness (CP)	0.5
12	K.W. Captains (CP)	0.5

901 Introduction to Kinetic Wellness

Grade: 9

Credit: 0.5

Course Description: Students will learn to perform the basic skills for a variety of traditional and non-traditional team sports. Students will be able to demonstrate their knowledge of the rules/regulations for each sport covered during class. Students will also be able to maintain and enhance their fitness levels through mildly competitive team games.

903 Kinetic Wellness 3

Grade: 11

Credit: 0.5

Course Description: Students will perform and refine their basic skills for a variety of traditional and non-traditional team sports. Students will learn to execute a variety of basic strategies that are used in the sports that are covered throughout the term. Students will also be able to exhibit their knowledge of the rules/regulations for each sport covered during class. Students will be aware of the benefits that persist regarding physical fitness and cardiovascular fitness. Students will become familiar with the concept of teamwork and cooperating within a group in order to achieve a common goal.

904 Kinetic Wellness 4

Grade: 12

Credit: 0.5

Course Description: Students will perform and refine their basic skills for a variety of traditional and non-traditional team sports. Students will execute a variety of basic strategies that are used in the sports that are covered throughout the term. Students will also be able to exhibit their knowledge of the rules/regulations for each sport covered during class. Students will recognize the benefits that persist regarding physical fitness and cardiovascular fitness. Students will become familiar with the

concept of teamwork and cooperating within a group in order to achieve a common goal. In addition, the class will be introduced to strength training and fitness planning in order to acquire the tools necessary towards leading a healthy lifestyle.

908 Alternative Fitness

Grade: 11, 12

Credit: 0.5

Course Description: Students will learn to implement an appropriate fitness plan to enhance the opportunity of living a healthy lifestyle through the use of non-traditional exercises and fitness activities. The content for this course is focused on three major concepts of fitness including but not limited to cardiovascular fitness, strength training, and overall nutrition. Students will be introduced to a variety of cardiovascular workouts that range from step aerobics to Zumba. The strength training focus will aim towards strengthening the core and building lean muscle in the arms and legs. Lastly, the nutrition portion of this course will teach students how to develop, implement, and maintain a healthy diet. The nutrition concept will be centered around the highly endorsed Food Pyramid which students have been introduced to previously during the DePaul College Prep Health course (Students may only take this course through faculty recommendation or student inquiry evaluated by the Kinetic Wellness division head).

912 Health Education

Grade: 10

Credit: 0.5

Course Description: Students will learn to make decisions and take appropriate action towards leading a healthy, fulfilling life. The class will be introduced to a variety of health related concepts and issues that the students can control towards leading a healthy lifestyle. The students will become aware of basic health concepts such as maintaining personal hygiene as well as avoiding situations in which they could acquire disease related illnesses. The course also teaches students how to manage and maintain mental and emotional wellness while making them aware of disease and violence prevention. The material taught in this course is student-centered instruction and appeals to the interests and concepts that students preparing for college may encounter. The students will be able to develop their literacy skills along with skills pertaining to other academic areas through a variety of interdisciplinary learning and journal documenting. The information shared throughout this course will allow the students to be more knowledgeable in a variety of health concepts allowing them to make better decisions in life pertaining to their personal health and wellness.

921 Strength Training / Advanced Strength Training

Grade: 11, 12

Credit: 0.5

Course Description: This kinetic wellness course introduces the students to the concept of strength training and cardiovascular conditioning. Class is conducted using student-centered lectures, demonstration instruction, and student hands-on experience. The class covers different strength building exercises and training workouts in order to build muscular strength and endurance.

It also covers a conditioning component that is essential towards strengthening an individual's level of cardiovascular fitness as well as their respiratory output. Workout routines and different training regimens will also be covered so that an individual is given the tools to create their own fitness workout regimen towards leading a healthy lifestyle. Students will have opportunities to connect concepts learned in this course with concepts introduced in academic content areas such as English, mathematics, and health (*Students may only take this course through faculty recommendation or student inquiry evaluated by the Kinetic Wellness division head*).

926 Kinetic Wellness Captains

Grade: 12

Credit: 0.5

Pre-Requisite: Strength Training or Alternative Fitness

Course Description: Students have an opportunity throughout this course to demonstrate and build on their leadership capabilities and teaching/coaching practices. Students in this class would have already completed the advanced levels of Kinetic Wellness and look to be aspiring trainers, coaches, or teachers in the future. Students will assist the lead teacher in stretching, warm-ups, instruction, and supervision of a Kinetic Wellness course. This class offers students opportunities to lead as instructors, assist as mentors, and participate in the activities during class time. Students in this course are expected to be sociable, responsible, mature, and active while understanding that during class they are a role model to the students that are participating in regular physical education. (Students may only take this course if accepted by the Counseling Department and the Kinetic Wellness division head.)

International Baccalaureate (I.B. Programme) Diploma Programme

Group 1: Studies in Language and Literature

Group 2: Language Acquisition

Group 3: Individuals and Societies (HL)

Group 4: Sciences

Group 5: Mathematics (SL)

Group 6: The Arts (SL)

Theory of Knowledge

085 Group 1: Language and Literature (HL) Junior Level

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.

086 Language and Literature Senior Level

Prerequisite: Passing grade in IB Course 085

Group 2: Language Acquisition

586 Spanish Language B

Spanish Language B Standard Level (SL) 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.

The range of purposes and situations for using language in the language B courses extends well beyond those for language ab initio. The course is organized into themes. Three core themes are required: communication and media, global issues, and social relationships.

588 Spanish Language B Senior Level

Prerequisite: Passing grade in Junior Level Language B

589 French Language B

Group 2: Language Acquisition

French Language B Standard Level (SL) 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.

The range of purposes and situations for using language in the language B courses extends well beyond those for language ab initio. The course is organized into themes. Three core themes are required: communication and media, global issues, and social relationships.

391 Group 3: History (HL) Junior Level

History is more than the study of the past. It is the process of recording, reconstructing and interpreting the past through the investigation of a variety of sources.

It is a discipline that gives people an understanding of themselves and others in relation to the world, both past and present.

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. It is hoped that many students who follow the course will become fascinated with the discipline, developing a lasting interest in it whether or not they continue to study it formally.

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.

392 History (HL) Senior Level

Prerequisite: Passing grade in IB Course 391

Group 4: Sciences

288 Biology (HL) Junior Level

Biologists investigate the living world at all levels using many different approaches and techniques.

At one end of the scale is the cell, its molecular construction and complex metabolic reactions. At the other end of the scale biologists investigate the interactions that make whole ecosystems function. Many discoveries remain to be made and great progress is expected in the 21st century.

Through studying a science subject students should become aware of how scientists work and communicate with each other. While the scientific method may take on a wide variety of forms, the emphasis is on a practical approach. In addition, through the overarching theme of the “Nature of Science” this knowledge and skills will be put into the context of way science and scientists work in the 21st Century and the ethical debates and limitations of creative scientific endeavour.

The sciences are taught practically. Students have opportunities to design investigations, collect data, develop manipulative skills, analyse results, collaborate with peers and evaluate and communicate their findings. The investigations may be laboratory based or they may make use of simulations and data bases. Students develop the skills to work independently on their own design, but also collegiately, including collaboration with schools in different regions, to mirror the way in which scientific research is conducted in the wider community.

290 Biology (HL) Senior Level

Prerequisite: Passing grade in IB Course 288

289 Chemistry (SL) Junior Level

Chemistry is an experimental science that combines academic study with the acquisition of practical and investigational skills.

It is often called the central science as chemical principles underpin both the physical environment in which we live and all biological systems. Apart from being a subject worthy of study in its own right, chemistry is often a prerequisite for many other

courses in higher education, such as medicine, biological science and environmental science.

Through studying a science subject students should become aware of how scientists work and communicate with each other. While the scientific method may take on a wide variety of forms, the emphasis is on a practical approach. In addition, through the overarching theme of the “Nature of Science” this knowledge and skills will be put into the context of how science and scientists work in the 21st Century and the ethical debates and limitations of creative scientific endeavour.

The sciences are taught practically. Students have opportunities to design investigations, collect data, develop manipulative skills, analyse results, collaborate with peers and evaluate and communicate their findings. The investigations may be laboratory based or they may make use of simulations and data bases. Students develop the skills to work independently on their own design, but also collegiately, including collaboration with schools in different regions, to mirror the way in which scientific research is conducted in the wider community.

291 Chemistry (SL) Senior Level

Prerequisite: Passing grade in IB Course 289

Group 5: Mathematics

184 Mathematical Studies (SL) Junior Level

This course is designed to build confidence and encourage an appreciation of mathematics in students who do not anticipate a need for mathematics in their future studies. Students taking this course, however, should be already equipped with fundamental skills and a rudimentary knowledge of basic processes.

Students’ success in the mathematical studies standard level course is measured by combining their grades on external and internal assessments.

The internal assessment is of each student’s project, a piece of written work based on personal research involving the collection, analysis and evaluation of data. Projects, which may involve modeling, investigations, applications or statistical surveys, must demonstrate the ability to use the mathematics learned during the course.

187 Mathematical Studies (SL) Senior Level

Prerequisite: Passing grade in above IB Course

185 Mathematics (SL) Junior Level

The course focuses on introducing important mathematical concepts through the development of mathematical techniques. The intention is to introduce students to these concepts in a comprehensible and coherent way, rather than insisting on the mathematical rigor required for mathematics HL. Students should, wherever possible, apply the mathematical knowledge they have acquired to solve realistic problems set in an appropriate context.

The internally assessed component, the exploration, offers students the opportunity for developing independence in their mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for

communicating mathematical ideas.

This course does not have the depth found in the mathematics HL courses. Students wishing to study subjects with a high degree of mathematical content should therefore opt for a mathematics HL course rather than a mathematics SL course.

186 Mathematics (SL) Senior Level

Prerequisite: Passing grade in IB Course 185

681 IB Film SL

Grade: 11

Credit: 0.5

Prerequisite: TBD

This Course develops students' skills so that they become adept in interpreting and making film texts. Through the analysis of film texts and exercises in film-making, the course explores film history, theory and socio-economic background. It also develops students' critical abilities, enabling them to appreciate the variety of cultural and historical perspectives in film.

685 Group 6: Visual Arts (SL) Junior Level

The visual arts are an integral part of everyday life, permeating all levels of human creativity, expression, communication and understanding.

They range from traditional forms embedded in local and wider communities, societies and cultures, to the varied and divergent practices associated with new, emerging and contemporary forms of visual language. They may have sociopolitical impact as well as ritual, spiritual, decorative and functional value; they can be persuasive and subversive in some instances, enlightening and uplifting in others. We celebrate the visual arts not only in the way we create images and objects, but also in the way we appreciate, enjoy, respect and respond to the practices of art making by others from around the world.

Theories and practices in visual arts are dynamic and ever changing, and connect many areas of knowledge and human experience through individual and collaborative exploration, creative production and critical interpretation.

The IB Diploma Programme visual arts course encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought provoking course in which students develop analytical skills in problem solving and divergent thinking, while working towards technical proficiency and confidence as art makers. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to engage in, experiment with and critically reflect upon a wide range of contemporary practices and media. The course is designed for students who want to go on to study visual arts in higher education as well as for those who are seeking lifelong enrichment through visual arts.

686 Visual Arts (SL) Senior Level

Prerequisite: Passing grade in IB Course 685

486 Theory of Knowledge

It asks students to reflect on the nature of knowledge, and on how we know what we claim to know. TOK is part of the Diploma Programme (DP) core, and is mandatory for all students.

What is TOK?

As a thoughtful and purposeful inquiry into different ways of knowing, and into different kinds of knowledge, TOK is composed almost entirely of questions. The most central of these is "How do we know?", while other questions include:

- What counts as evidence for X?
- How do we judge which is the best model of Y?
- What does theory Z mean in the real world?

Through discussions of these and other questions, students gain greater awareness of their personal and ideological assumptions, as well as developing an appreciation of the diversity and richness of cultural perspectives