

International School of Aruba



High School Course Catalog 2014-2015

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ISA Mission & Vision

ISA Mission

The mission of International School of Aruba is to motivate and prepare students to achieve their academic and personal best within a U.S. accredited, English language, college/university preparatory program that embraces diversity while encouraging leadership, character, and community service.

Adopted September 2008

ISA Vision

We believe...

- *in the dignity and intrinsic worth of all individuals.*
- *honesty, trust and respect are fundamental to all relationships.*
- *a safe, nurturing environment is essential for learning.*
- *setting high expectations challenges everyone to reach higher levels of achievement.*
- *developing skills including critical thinking, collaboration, and problem solving are essential to be successful in an ever changing world.*
- *individuals are responsible and accountable for their choices and actions, as they relate to themselves, others and the environment.*
- *developing an understanding, appreciation and respect for diversity are vital in a global community.*
- *a partnership amongst school, family and community is essential to foster further development and learning.*
- *learning is a continual process and life-long activity*

Adopted September 2008

ISA High School Program Description

The high school academic program (grades 9-12) is modeled after a traditional U.S. university and college preparatory program.

Students must earn 26 credits in order to graduate with a U.S. high school diploma. This must include 4 credits of English, 3 credits of Social Studies / History (1 year of U.S. History), 3 credits of Science (1 year of Biology), 3 credits of Mathematics (1 year of Algebra II), 3 credits of World Language taken consecutively in the same world language, 1 credit of Technology, 1 credit of Fine Arts, 1 credit of Physical Education, 1 credit of School Service, and 6 credits of Electives.

For students who wish to go on to very competitive universities around the world, it is recommended that they earn additional credits in more rigorous classes, including advanced mathematics beyond Algebra II, Physics, a fourth year of one or more World Languages, and additional challenging Electives. Students planning on entering competitive universities in Holland will need to take a minimum of four Advanced Placement classes.

Advanced Placement courses are offered for those who seek the challenge of greater academic rigor. ISA's currently approved AP courses are in English Literature and Composition, English Language and Composition, Spanish Language, Spanish Literature, Calculus AB, World History, Human Geography, Economics, European History, Art History, and Studio Art. External AP exams are given in May each year. Strong results can mean that students may earn university credits. Students who take six AP courses will earn the Advanced Placement International Diploma, which will strengthen their candidacy for competitive higher educational studies.

A College Planning course is offered in the second semester of the junior year and through the first semester of the senior year to guide students in the college-application process. Students also receive individual guidance throughout their senior year. ISA is a testing site for the College Board's Advanced Placement exams, as well as for college entry exams such as the PSAT, SAT and TOEFL. At ISA, nearly all students graduate and go on to post-secondary education in the United States, Canada, Great Britain, the Netherlands, or in other Caribbean countries. We strongly encourage students to think about keeping future options open through careful course selection.

If you have questions about course selection, please do not hesitate to contact Dennis Willeford, Principal, or Sarah Putnam, Head of School, for assistance.

Dennis Willeford – dwilleford@isaruba.com

Sarah Putnam – sputnam@isaruba.com

ISA High School Academic Procedures

Entrance Requirements

ISA accepts students whose:

- admission test scores meet the minimum standards established
- official records indicate the student is in good academic standing
- official records indicate they have studied equivalent courses

In some cases, the admissions test may be waived by the Principal or Head of School if a student's official records and transcripts demonstrate a high level of success at a school accredited by one of the seven US regional Accreditation Boards or the European Council of International Schools (ECIS).

Enrollment

New students should enroll in school within the first fifteen school days. Students who do not enroll within the first fifteen school days of each semester will be required to provide “grades to date” from their previous school. Those grades will be averaged into grades earned at ISA to determine quarter and semester grades.

Grade Placement and Transfer Credits

A student’s grade placement upon entering ISA will depend upon the number of high school credits he or she has earned at the time of enrollment and the student’s age. Students are not admitted as seniors unless they can graduate at the end of the school year in which they enroll. A student coming from a school not accredited by one of the seven US regional Accreditation Boards or the European Council of International Schools (ECIS) must earn a minimum of 12 credits at ISA and may transfer in a maximum of 7.0 credits per year. Similarly, Canadian, Australian and all other schools must be accredited by an established accreditation organization for students to be able to receive full credit for transcript transfer. Students transferring from an accredited school may transfer up to 8.0 credits per year.

Credit Deficiencies/Failed classes

Students who are deficient of credit for graduation because of failed classes taken during the regular school year may make up the credit during the summer immediately following the school year in which the classes were failed. If a student chooses not to enroll in an accredited summer program immediately following the school year a class failure has occurred, the student’s schedule may be changed for the following school year. **Credit recovery courses must be pre-approved by the Principal and Head of School prior to enrollment.** The original failing grade will remain on the school’s transcript and only a grade of “P” (pass) or “F” (fail) will be recorded for the make-up summer class.

Summer School Policy

Correspondence classes and Internet classes as methods to make up credits must be pre-approved.

Credit will be given for summer school classes when a student has failed a particular class during the normal school year and is repeating the class for credit retrieval purposes. Credits will not be given for enrichment only classes. Only pre-approved classes will receive credit. The appropriate forms for pre-approval of summer school programs are located in the Principal's Office.

Students who choose to participate in courses outside of the regular ISA high school program are solely responsible for successfully enrolling in and successfully completing the programs. Arrangements must be made for final grades to be sent directly to ISA. Students intending to receive credits during a pre-approved summer course must earn a minimum grade of a "C" (73%) in any classes they take for credit retrieval.

A maximum of 2.0 credits from outside ISA, including summer school, can be counted toward graduation over the course of four years. This is the equivalent of one semester course per year enrolled at ISA. No more than two classes can be taken at any one time outside of ISA. Additional outside credits may be applied towards graduation upon approval of the Head of School in exceptional circumstances. Student must petition the Head of School to have additional credits counted towards graduation.

Repeating a Class for Credit

Students are permitted to re-take a class in order to improve their grade if the master schedule allows for it. However, credit cannot be earned twice for the same course. The original grades must stay on the official record. Grades earned for the repeated class will be recorded on the official transcript.

Majors and Minors

High School courses are divided into two categories of classes: Major classes and Minor classes.

- o *A Full Year Major* is full year course that meets 210-220 minutes per week and awards a student with 1 credit per year.
- o *A Half Year Major* is a half-year course that meets 210-220 minutes per week and awards a student with $\frac{1}{2}$ credit per semester.
- o *A Full year Minor* is a full year course that meets 120 minutes per week and awards a student with $\frac{1}{2}$ credit per year
- o *A Half Year Minor* is a half-year course that meets 120 minutes per week and awards a student with $\frac{1}{4}$ credit per semester.

Minimum Graduation Requirements

The International School of Aruba high school diploma is awarded to individuals who have earned the minimum number of required high school credits. Credits are awarded for the successful completion of course work each semester.

To earn an ISA diploma, students must earn a minimum of 26 credits:

English	4.0 credits
Math	3.0 credits, with Algebra II
Science	3.0 credits, with Biology
Social Studies	3.0 credits, with US History
World Languages	3.0 credits, (consecutive years)
Technology	1.0 credit
Fine Arts	1.0 credit
Physical Education	1.0 credit
Service	1.0 credit
Electives	6.0 credits
<hr/>	
TOTAL	26 credits

High School Academic Program Outline

Minimum required program for each year enrolled in ISA – students choose from selection.

Note: not all course options listed below and not all listings are available every year.

<i>9th Grade</i>	<i>10th Grade</i>	<i>11th Grade</i>	<i>12th Grade</i>
English A	English B	English C	English D
Pre-Algebra Algebra I Geometry	Algebra I Geometry Algebra 2	Geometry Algebra 2	Algebra 2
Physical Science	Physical Science Biology Chemistry	Biology plus one of the following: Chemistry Physics Anatomy and Physiology / Forensics	
Caribbean History	Modern World History	US History	Social Studies options are: Comparative Gov't. / Economics AP World History AP Human Geography AP Economics
Spanish Dutch	Spanish Dutch	Spanish Dutch	
Art History	Elective	Elective	Elective
100 hours of Service over four years			
Physical Education	Elective	Elective	Elective
Computer Literacy A	Computer Literacy B		

High School Course Planning Guide for University

It is important for students to understand that **the graduation requirements for the International School of Aruba may not meet admission requirements for all colleges and universities. Many schools will expect and want more.** The following information is meant to be used as a guide for the selection of courses that *best* help a student enter the different competitive levels of universities and colleges in the US, Canada, and Europe. The more Advanced Placement (AP) classes are encouraged for students capable of higher levels of study.

Most Difficult / Highly Competitive Universities (Top 50-100 schools - Students with SAT scores from 1800-2400)

Note: not all course options listed below or available each year
Chart below reflects selection of course options.

Advanced Placement International Diploma (need six AP courses – see page 11 for details)

<i>9th Grade</i>	<i>10th Grade</i>	<i>11th Grade</i>	<i>12th Grade</i>
English A	English B	AP English Language AP English Literature	AP English Language AP English Literature
Algebra I or Geometry	Geometry and/or Algebra II	Pre-Calculus	AP Calculus AB
Physical Science	Biology	Chemistry	Physics
Caribbean History	Modern World History	US History	AP World History AP Human Geography AP Economics
World Language II	World Language III	World Language IV	AP Spanish or Advanced Dutch
Art History Computer Literacy	Fine Art I	Fine Art II Pre-AP Art History	AP Studio Art AP Art History
Physical Education	Elective	Yearbook	Yearbook

Moderately Difficult / Competitive Universities

Note: not all course options listed below or available each year

Chart below reflects selection of course options.

<i>9th Grade</i>	<i>10th Grade</i>	<i>11th Grade</i>	<i>12th Grade</i>
English A	English B	English C	English D or AP English
Algebra I	Geometry	Algebra II	Pre-Calculus
Physical Science	Biology	Chemistry	Anatomy / Forensics or Marine Biology / Oceanography
Caribbean History	Modern World History	US History	AP World History AP Human Geography AP Economics
World Language I	World Language II	World Language III	World Language IV
Art History	Computer Literacy	Fine Art	Elective
Physical Education	Elective	Elective	Elective

Students are advised to take the most challenging academic program of studies they can successfully complete. Often the academic classes and program a student takes can mean more to the colleges & universities than some of the other admissions requirements colleges ask for, such as the SAT I & II, teacher/school recommendations, essays and the TOEFL test.

Advanced Placement International Diploma (APID)

The Advanced Placement International Diploma (APID) is a globally recognized certificate for students with an international outlook. The APID challenges a student to display exceptional achievement on AP Exams across several disciplines.

Universities worldwide utilize the APID in admissions. Students may search AP International Recognition for universities outside the U.S. that acknowledge AP achievement. Please see the AP International Recognition section on the College Board website (<http://www.collegeboard.com/student/testing/ap/intad.html>) for a list of universities outside the U.S. that use AP in admissions.

The APID is available to students attending secondary schools outside the United States and to U.S. resident students applying to universities outside the country. The APID is not a substitute for a high school diploma, but rather provides additional certification of outstanding academic excellence.

For students wishing to attend university in Holland, the APID provides certification of completion of a rigorous course of study.

Any ISA High School student may sign up for and take an Advanced Placement test without taking the course itself. It is possible to take a normal level course, and to then study sufficiently independently to pass the exam.

Advanced Placement International Diploma Criteria

To earn an APID, students must **earn grades of three or higher on at least five AP Exams** in the following content areas:

Two AP Exams from two different languages selected from English and/or world languages:

- **English**
 - English Language and Composition*
 - English Literature and Composition*
- **World Languages**
 - French Language
 - French Literature
 - German Language

- o Spanish Language*
- o Spanish Literature*
- o Italian Language and Culture
- o Chinese Language and Culture
- o Japanese Language and Culture

Note: A student may submit a letter from an administrator at his or her school verifying the student's mastery of a language not currently available within the AP suite of exams. This verification, printed on school letterhead, will satisfy the requirement for ONE AP Exam in the language category. However, a student who utilizes this option must submit an additional AP Exam from another content area. Thus, all students, however they satisfy the two-exam English and/or world language requirement, must submit a total of five AP Exam grades of 3 or higher to qualify for the APID.

One AP exam designated as offering a global perspective

- o World History*
- o Human Geography*
- o Government and Politics: Comparative.

One AP exam from the sciences or mathematics content areas:

- **Mathematics**
 - o Calculus AB*
 - o Calculus BC
 - o Computer Science A
 - o Computer Science AB
 - o Statistics
- **Sciences**
 - o Biology
 - o Chemistry
 - o Environmental Science
 - o Physics B
 - o Physics C: Mechanics
 - o Physics C: Electricity and Magnetism

Note: Calculus and Computer Science courses may each count only once toward the APID.

One (or two) additional AP exam(s) from among any content areas except English and world languages. These include the content areas already described as well as history and social sciences and arts:

- **History and Social Sciences**
 - o Macroeconomics
 - o Microeconomics
 - o U.S. History
 - o European History*
 - o Government and Politics: U.S.

- Psychology
- World History*
- Human Geography*
- Government and Politics: Comparative

- **Arts**
 - Art History*
 - Latin Literature
 - Latin: Vergil
 - Music Theory
 - Studio Art: Drawing*
 - Studio Art: 2-D Design*
 - Studio Art: 3-D Design

Note: Students submitting verification of mastery of a language not currently available within the AP suite of exams to satisfy the requirement of one of the exams in the language category must offer TWO additional exams to fulfill the fourth requirement. Thus, all students, however they satisfy the two-exam English and/or world language requirement, must submit a total of five AP Exam grades of 3 or higher to qualify for the APID.

All information above about the APID taken directly from the College Board website (http://www.collegeboard.com/student/testing/ap/exgrd_intl.html)

* indicates an AP course offered on-site at ISA

ISA Advanced Placement Program

Advanced Placement On-site Course Offerings

To provide students with increased academic rigor and the possibility to earn college credit while in high school, ISA offers Advanced Placement courses. The majority of courses are offered in alternative years if there is sufficient enrollment and staffing. The following Advanced Placement (AP) courses are offered by ISA:

- AP English Literature
- AP English Language and Composition
- AP Spanish Language
- AP Spanish Literature
- AP Studio Art - AP Art Portfolio
- AP Art History
- AP Calculus-AB
- AP World History
- AP Economics

o AP Human Geography

Advanced Placement classes are college-level; students must meet minimum entrance prerequisites to qualify to take these classes. Students must have a minimum overall cumulative grade point average of 3.0 in the particular subject and the approval of the AP Committee to enroll in an AP course, due to the accelerated pace and extra demands of the course. The committee consisting of the Principal, Head of School, and Advanced Placement teachers will make the final recommendation as to which AP classes and the number of AP courses that a student may take. Students must fill out a request form and submit it to the Principal.

Taking an AP class is a commitment and students should expect to take the class for the year. Students should also expect to attend extra class sessions throughout the year and complete summer assignments as required prior to the start of the school year. Students will take the AP Exams in May. Depending on the scores they earn on the exams, a student may earn college credit upon matriculation to college/university.

If a student is having difficulty in an AP class and he/she wants to drop that class after the designated period for adding/dropping classes at the beginning of the semester, he/she must stay in the class for the remainder of the first semester. Changes for AP classes can only be made at the beginning of each semester with permission of the Head of School and Principal. If a student requests to drop the class during the year, the grades earned for the semester will remain on the transcript.

Students are not allowed to add an Advanced Placement class once the school year has begun except if they are recommended for the class by the teacher, are willing to make up any work already completed, (including summer requirements) or have transferred in from a school where they were enrolled in an equivalent class.

The class instructor can make a recommendation to the administration that a student be asked to leave the class at the semester if the student is doing poorly (effort and/or achievement) in the Advanced Placement class during the first semester.

Advanced Placement Online Coursework

The school will pay for one on-line AP course per student for 11th and 12th graders who are ready to take an AP class for which ISA does not offer in a 2-year cycle. These courses may be from Florida Virtual High School, K-12 Curriculum, or the University of Nebraska. The school will provide support for these courses through the use of technology and time in the student's schedule, but cannot guarantee direct teacher support. Course responsibilities will be up to the student to complete independently.

AP Scholar Awards

The AP Program offers several AP Scholar Awards to recognize high school students who have demonstrated college-level achievement through AP courses and exams. Although there is no monetary award, in addition to receiving an award certificate, this achievement is acknowledged on any AP score report that is sent to colleges the following fall.

Award Levels

AP Scholar

- o Granted to students who receive scores of 3 or higher on three or more AP Exams.

AP Scholar with Honor

- o Granted to students who receive an average score of at least 3.25 on all AP Exams taken, and scores of 3 or higher on four or more of these exams.

AP Scholar with Distinction

- o Granted to students who receive an average score of at least 3.5 on all AP Exams taken, and scores of 3 or higher on five or more of these exams.

International AP Scholar

- o Granted to the one male and one female student attending a school outside the United States and Canada that is not a U.S. Department of Defense school with the highest average score on the greatest number of AP Exams. The minimum requirement is a score of 3 or higher on three exams.

AP International Diploma

- o Granted to students who meet criteria.

Notes about AP Scholar Awards

- o There are two steps to calculating the awards:
 1. The student's average AP score is determined based on all exams taken this year and in previous years.
 2. The student's exam scores are checked to see which ones count toward the various AP Scholar Awards.
- o The AP Scholar Awards are academic distinctions that students may cite among their credentials on applications, resumes, and so on. Students do not receive any monetary award from the College Board.

ISA Course Offerings

English

English A

Full year

Grades: 9-10 - (1/2 credit earned each semester)

Prerequisite: None – Required unless waived by instructor

Course Description:

This course focuses on English language skills and academic writing skills. During this course students will be introduced to the analysis and interpretation of literature. Students will learn to examine character development, theme and plot, support a thesis with text-based proofs, and design a logical argument in writing. Students will also learn to interpret literature through independent and group projects, composition, and art. Speaking and listening skills will be reinforced through group discussions, oral presentations and partner work. Professional writers know that the writing process helps guide their writing and several drafts are common. Students are encouraged to “think like a writer” and use the writing process – pre-write, draft, revise, edit and publish. Regular vocabulary study will increase students' word power.

Resources: Literature Grade 9, Penguin Edition, Pearson/Prentice Hall; Write Source Grade 9, Houghton Mifflin, 2012; assigned reading may include: Of Mice and Men, Romeo and Juliet, California Blue, Fahrenheit 451, The Chocolate War, To Kill a Mockingbird, The Miracle Worker, and Siddhartha.

English B

Full year

Grade: 9-11 - (1/2 credit earned each semester)

Prerequisite: Successful completion of English A or instructor approval. Required.

Course Description:

This course features a thematic approach to the analysis and appreciation of world literature. The theme for Grade 10 English is “Perspectives: Our view of ourselves and the world.” The literature selected for the year focuses on how characters determine their place within the society in which they live and the consequences of their actions on the society. Students will be required to actively read and respond to the literature and discuss their responses in literature discussion groups. Students further develop their ability to critically analyze, interpret, judge and respond to works of literature through essays, presentations, and projects. Students are encouraged to “think like a writer” and use the writing process – pre-write, draft, revise, edit and publish.

Resources: Elements of Literature, Fourth Course, Holt, Rinehart and Winston; New Generation Write Source Grade 10, Houghton Mifflin, 2007; Prentice Hall Literature Anthology, Grade 10; assigned reading may include: The Wave, A Midsummer Night's Dream, Animal Farm, The Catcher in the Rye, The Pearl, A Raisin in the Sun, The Crucible, and Dandelion Wine.

English D

Full Year

Grades: 10-12 - (1/2 credit earned each semester) **Offered 2014 - 2015**

Prerequisite: Successful completion of English B, or English A and permission of the course instructor.

Required unless replaced by an Advanced Placement English course.

Course Description:

This course analyzes the literary movements of American Literature from the Colonial Period to the Modern Ages. Students achieve mastery of literary analysis, focusing on critical essays, poetry, personal memoirs, short fiction, the novel, and non-fiction. Students will write analytical essays, lead class discussions, keep a reading response journal, and make presentations to share their ideas. Students' critical academic writing skills are reinforced through MLA research. Students will learn to review Internet and library research to use for future college research assignments. Students incorporate rhetorical devices in their writing and verbal debates of issues inherent in American Literature.

Resources: Elements of Literature – American Literature, Fifth Course, Holt, Rinehart and Winston; New Generation Write Source Grade 11, Houghton Mifflin, 2007; Prentice Hall Literature Anthology - American; assigned reading may include: The Great Gatsby, Hamlet, The Glass Menagerie, Their Eyes Were Watching God, Death of a Salesman, Fast Food Nation, Death Be Not Proud, The Color Purple, and Rosencrantz and Guildenstern Are Dead.

English C

Full Year

Grades: 10-12 - (1/2 credit earned each semester) **Offered 2015-16**

Prerequisite: Successful completion of English B, or English A and permission of the course instructor.

Required unless replaced by an Advanced Placement English course.

Course Description:

This course is designed to prepare students for the demands of a college or university level environment. Writing assignments of a creative and analytical nature are emphasized. The selections of readings are drawn from the British canon and world literature and provide contemporary issues. Students demonstrate mastery of MLA format writing through literary analysis and research essays; in addition, students exhibit writing and communication skills developed through university admission essays, formal debates, and a Senior Independent Project.

Resources: Elements of Literature, Sixth Course, Holt, Rinehart and Winston; New Generation Write Source Grade 12, Houghton Mifflin, 2007; Prentice Hall Literature Anthology - World Masterpieces; assigned reading may include: 1984, Brave New World, Macbeth, Heart of Darkness, A Doll's House, Equus, The Importance of Being Earnest, Great Expectations, A Tale of Two Cities, and Frankenstein.

Advanced Placement (AP) English Literature and Composition

Full Year

Grade: 11-12 - (1/2 credit earned each semester) **Offered 2015-2016**

Prerequisite: Recommendation of previous English instructor; completion of summer assignment is required. Students must apply to take this class through the AP application process.

Course Description:

This Advanced Placement course in English Literature engages students in the careful reading and critical analysis of various genres of literature, primarily in the Western canon. The course emphasizes extensive writing about excerpts of prose and poetry selections, as well as writing about entire novels and plays. Writing instruction in the course guides students toward developing and organizing ideas in clear, coherent, and persuasive language.

This course gives students the CHOICE to take the Advanced Placement English Literature exam in May at additional parent expense.

Resources: The Bedford Introduction to Literature, Sixth Edition, Michael Meyer, Bedford/St. Martins; The Elements of Literature, Holt, Rinehart, and Winston.

Advanced Placement (AP) English Language and Composition

Full Year

Grades: 11/12 - (1/2 credit earned each semester)

Prerequisite: Recommendation of previous English instructor and completion of summer assignment is required. This course is recommended for strong grade 11/ 12 students. Students must apply to take this class through the AP application process.

Course Description:

This course is designed to prepare students for the Advanced Placement Language and Composition exam. This advanced placement course in English Language engages students in becoming skilled readers of prose written in a variety of periods, discipline, and rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both writing and reading should make students aware of the intentions among generic conventions and the resources of language contribute to effectiveness in writing.

This course gives students the CHOICE to take the Advanced Placement English Language and Composition exam in May at additional parent expense.

Resources: 50 Essays: A Portable Anthology, Samuel Cohen, Bedford/ St. Martin's.

Mathematics

Possible Mathematics tracks for ISA students. Not all options listed.

	2013-2014	2014-2015	2015-2016	2016-2017
Grade 9	Pre-Algebra	Algebra I	Geometry	Algebra II
Grade 9	Algebra I	Geometry	Algebra II	Pre-Calculus
Grade 9	Algebra I and Geometry	Algebra II	Pre-Calculus	Calculus- AB
Grade 10	Algebra I and Geometry	Algebra II	Pre-Calculus	
Grade 10	Algebra II	Pre-Calculus	Calculus- AB	
Grade 11	Algebra II	Pre-Calculus		
Grade 12	Algebra II or Pre-Calculus or Calculus AB			

Note: A student wishing to take two math classes simultaneously in High School must have an 80% average in math class for the prior year. In addition, the student must have demonstrated above average study skills and habits in all core classes. Permission is required from the Math instructor and Head of School.

Pre-Algebra

Full Year

Grades: 8-9 - (1/2 credit earned each semester)

Prerequisite: Successful completion of Middle School Math

Course Description:

The Pre-Algebra course prepares students for Algebra by solidifying their understanding and use of fractions and decimals. The course also reteaches and extends their understanding of exponents, scientific notation, roots, and proportions. Basic algebraic concepts that were introduced in middle school grades are studied more comprehensively. Students learn to solve more complicated multi-step equations and to represent linear functions in different ways. Many of the concepts that are covered early in the course are used again and are applied to geometry as the students increase their understanding of geometric relationships and measurement.

Resources: Holt McDougal Mathematics - Common Core Edition 2012

Algebra I

Full Year

Grades: 8-10 - (1/2 credit earned each semester)

Prerequisite: Successful completion of Pre-Algebra

Course Description:

This course is the first year of study of generalized or abstract arithmetic. This curriculum covers the following components: equations, inequalities and expressions, properties of real numbers, solving, graphing, writing linear equations and functions, and linear inequalities, systems of linear equations and inequalities, exponents and exponential function, quadratic equations and functions, polynomials and factoring, rational equations and functions, and radicals with connections to Geometry.

Each component involves the use of a variety of mathematical skills which include but are not limited to the following: basic computation, problem solving, solving different types of equations, organizing and displaying mathematical data, graphing, applying the laws of exponents and using math concepts and principles to solve real life problems.

Resources: Algebra I, Holt McDougal, 2010.

Geometry

Full Year

Grades: 9-11 - (1/2 credit earned each semester)

Prerequisite: Successful completion of Algebra I

Course Description:

Geometry is the application of algebra as related to geometric concepts. Specific cases are studied using geometric figures and construction to establish geometric language and logic. Emphasis is placed on a core curriculum that leads to the development of a precise geometric language and the operational skills needed to enhance geometric measures, problem solving skills and geometric proofs.

Resources: Geometry, Holt McDougal, 2010.

Algebra II

Full Year

Grades: 10-12- Required for graduation. (1/2 credit earned each semester)

Prerequisite: Successful completion of Algebra I and current teacher recommendation.

Course Description:

Algebra II is the continuation of Algebra I and is designed for any student who plans to go to a four-year university or college and is a graduation requirement at ISA. It is a comprehensive study of Algebra. Topics include complex numbers, polynomial functions, and the study of trigonometry functions, graphs, identities, and the Law of Sines and Cosines.

Resources: Algebra 2, Holt McDougal, 2010.

Pre-Calculus

Full Year

Grades: 11 or 12 - (1/2 credit earned each semester)

Prerequisite: Successful completion of Algebra II with a year average of C- (70%) or higher and teacher recommendation. Students need to purchase a graphing calculator. (Preferably a Texas Instrument TI 83 Plus or higher model)

Course Description:

This course is designed for college bound students with above average ability in math. This will strengthen students' understanding of concepts in algebra and they will learn to operate graphing calculators. Topics include relations, functions and graphs, systems of equations and inequalities, the nature of graphs, polynomial and rational functions, trigonometry, graphs and inverse functions, trigonometric identities and equations, exponential and logarithmic functions. An introduction to calculus is the final topic.

Resources: Pre-Calculus: Graphical, Numerical, Algebraic, Third Edition, Pearson, 2012.

Calculus

Full Year

Grades: 12 - (1/2 credit earned each semester) Offered 2014-2015

Prerequisite: Successful completion of Pre-Calculus with a final grade of C- or better (70%), and teacher recommendation. Students need to purchase a graphing calculator. (Preferably a Texas Instrument TI 83 Plus or higher model) Students must apply to take this class through the AP application process.

Course Description:

This course is an introduction to topics in college calculus and it places students at an advantage having been introduced to calculus concepts. Emphasis is on skill development, applications, and using the graphing calculators. Topics include the following: evaluating limits graphically, numerically, infinite rates, optimization, differentials, differential equations and slope fields, anti-derivatives, Reimann sums, the Fundamental Theorems of Calculus, average value of a function, techniques of integration, area between two curves, volume and solids of revolutions.

Resources: Calculus: Graphical, Numerical, Algebraic, Third Edition, Pearson, 2012.

Advanced Placement Calculus -AB

Full Year

Grades: 12 - (1/2 credit earned each semester) Offered 2015-2016

Prerequisite: Successful completion of Pre-Calculus with a final grade of B- or better (80%), and teacher recommendation. Students need to purchase a graphing calculator. (Preferably a Texas Instrument TI 83 Plus or higher model) Students must apply to take this class through the AP application process.

Course Description:

This course is an introduction to topics in college calculus and it places students at an advantage having been introduced to calculus concepts. Emphasis is on skill development, applications, and using the graphing calculators. Topics include the following: evaluating limits graphically, numerically, infinite rates, optimization, differentials, differential equations and slope fields, anti-derivatives, Reimann sums, the Fundamental Theorems of Calculus, average value of a function, techniques of integration, area between two curves, volume and solids of revolutions. Topics covered in this course follow the themes for the Advanced Placement exam that is taken in May.

This course gives students the CHOICE to take the Advanced Placement Calculus-AB exam in May at additional parent expense.

Resources: Calculus: Graphical, Numerical, Algebraic, Third Edition, Pearson, 2012.

Math Foundations

One semester - Minor

Grades: 9-12 (1/4 credit earned each semester)

Prerequisite: None

Course Description:

In this course students will strengthen their basic mathematic foundations of topics covered in grades seven through twelve. The course will focus on building content knowledge in number operations, measurement, data analysis, probability, whole numbers, fractions, decimals, ratio, powers and roots, geometry and algebraic equations.

Science

Physical Science

Full Year

Grade: 9-12 – Required - (1/2 credit earned each semester)

Course Description:

Physical science is an introduction to the subjects of chemistry and physics. These areas of study describe and predict how our world works. Topics include areas of motion, forces, energy, sound, light, electricity, magnetism, measurements, matter, elements/compounds, atomic structure, chemical bonding, and chemical reactions. This course will deal with physical and chemical theory, and the application of those theories. Students will integrate technology use and lab experiences to gain a strong foundation in chemistry and physics for future science courses.

Resources: Physical Science Series, Prentice Hall.

Biology I

Full Year

Grade: 9-12 – Required for graduation - (1/2 credit earned each semester)

Prerequisite: Successful completion of Physical Science

Course Description:

Biology is the study of life. This statement encompasses both complexities and diversity of the natural world and of the human body. Topics include areas of ecology, biochemistry, cells, evolution, genetics, microorganisms, plants, and animals. This course will involve quite a few laboratory exercises that will bring Biology to life.

Resources: Modern Biology, Holt McDougal; 2009.

Chemistry I

Full Year

Grades: 10-12 - (1/2 credit earned each semester)

Prerequisite: Successful completion of Algebra I and Physical Science

Course Description:

Chemistry is like the alphabet of science. All life processes are chemically based. That means that all thoughts, feelings, ideas begin in the brain with chemical messages. Memories are held by chemicals in the brain. This course will look at interactions of chemicals (how the letters of the chemical alphabet are put together to make sentences) and how they affect us in our lives. Topics include areas of measurements, matter, elements/compounds, atomic structure, space orbitals, electron behavior, periodic law, ionic/covalent bonding, shapes/polarity, nomenclature/molarity, and stoichiometry/reactions. This course will deal with chemical theory, chemically oriented labs, and applications of those theories.

Resources: Modern Chemistry; Holt McDougal; 2009

Physics

Full Year

*Grades: 11-12 - (1/2 credit earned each semester) **Offered 2015-2016***

Prerequisites: Successful completion of Biology I. Students must have attained a C (73%) or higher in Algebra I and II. Students must either have completed Pre-Calculus or be taking this concurrently with the Physics course.

Course Description:

This course serves as an introduction to physics and emphasizes physical concepts by illustrating the relationship between theory and practice. The primary objective is that students will develop both a scientific way of thinking and a working knowledge of scientific principles.

Demonstrations, laboratory exercises and presentations contribute greatly to the effectiveness of this course. Topics covered include vectors, kinematics, motion, free fall, equilibrium, mechanics, dynamics, energy, momentum, gravity, electricity, magnetism, waves, optics, electromagnetism and nuclear physics. The Internet will be used as a tool to echo the topics presented in the course text by browsing the web for related content.

Resources: Conceptual Physics, Eleventh Edition, Hewitt, 2009.

Renewable Energy Systems

Full Year

Grade: 9-12

Prerequisite: Permission of Science Department

Energy plays a critical role in our everyday lives, from the foods that we eat to the power in our homes. In Renewable Energy Systems (RES), you will explore the science and engineering of popular renewable energies like wind and solar with an emphasis on technologies that are feasible in Aruba. Students will participate in hands-on activities that include designing and building a solar device charger as well as constructing a meteorological station to determine the economics of using wind power at ISA. In addition, RES will address the broader social, economic, and cultural implications of Aruba transitioning to 100% renewable energy.

Introduction to Human Anatomy and Physiology

One semester

Grade: 12 - (1/2 credit earned each semester)

Prerequisite: Successful completion of Biology I. Offered 2015-2016

Course Description:

During the first semester students will study Human Anatomy and Physiology. The purpose of this course is to prepare students for pursuing a medical career in college. Topics include areas of the following systems: skeletal, muscular, integumentary, respiratory, cardiovascular, digestive, urinary/excretory, nervous, endocrine, immunity/lymphatic and reproduction. This course will deal with human anatomy and physiological theories, human anatomy and physiological oriented labs, and applications of those theories.

Resources: Essentials of Human Anatomy & Physiology, 8th Edition, Marieb, Pearson, 2006.

Introduction to Forensics Science

One semester

Grade: 12 - (1/2 credit earned each semester)

Prerequisite: Successful completion of Biology I. Offered 2015-2016

Course Description:

During the second semester students will study forensics science. The class is designed around authentic performance assessments with students working in teams to solve crimes using scientific knowledge and reasoning. It involves all areas of science including biology, anatomy, chemistry, physics, and earth science with an emphasis on complex reasoning and critical thinking. In addition, students must incorporate the use of technology, communication skills, language arts, art, family and consumer science, mathematics and social studies.

Resources: Forensic Science: An Introduction; Saferstein, Pearson, 2008, Forensic Science: An Introduction to Criminalistics, Pearson, 2008.

Social Studies

Caribbean History and Geography

Full Year

Grade: 9-12 - (1/2 credit earned each semester)

Prerequisites: None

Course Description:

Caribbean History/Geography is a course that is offered to the ninth grade students. The course content helps students understand the history, the importance, and the role of the Caribbean region in a global community. Within the Caribbean region, there are several different cultures at work. Each culture enhances the development of the other. This fosters and promotes a society that recognizes the need to work together to be better able to face the challenges with which it is confronted as a region with a colonially divided past.

This curriculum focuses on the history of the Caribbean from the coming of the indigenous peoples of the region to present date. It also examines the political and geographical groupings of the area. Students will examine the key aspects of the Caribbean culture and its development, and will interpret the factors that have helped to shape the region as a community. In addition,

students will present historical data and arguments in a variety of ways to show their understanding of the general concepts of Caribbean history.

Resources: TBA

Modern World History

Full Year

Grade: 10-12 (1/2 credit earned each semester)

Prerequisites: Successful completion of Caribbean History and Geography.

Course Description:

This course is a chronological presentation of Modern World History in which students will investigate the major events and factors that have influenced world development of the Nineteenth, Twentieth, and Twenty-First Centuries. There will be particular focus on international affairs, imperialism and other '-isms', conflict, and political geography. Text materials and note taking exercises will be supplemented by library and media research projects, emphasizing the writing traits of ideas/content, organization, and conventions (particularly grammar and spelling).

Resource: The World: A History, Prentice Hall

United States History

Full Year

Grades: 10-12 – Required for graduation - (1/2 credit earned each semester)

Prerequisites: None (Students taking US History should have a historical foundation of some kind as a Freshman or Sophomore)

Course Description:

This course provides a comprehensive examination of U.S. History after the American Civil War up through the Twentieth and Twenty-First Centuries, with particular focus on international affairs, constitutional governance, Federal-level politics, and America's role as a post-World War Two 'superpower'. A variety of social sciences are examined in the lessons, particularly economics, comparative government, and political geography. Text lessons are supplemented with film and other media resources; research projects will be centered on the significant writing traits of ideas and content, organization, and grammar and spelling.

Resources: United States History, Prentice Hall, 2008

Economics

Semester I

Grade: 10 -12- (1/2 credit earned each semester)

Prerequisites: Prefer that students have completed either Modern World History or US History

Course Description:

This course provides a student's first contact with the field of economics. This course provides an overview of micro- and macro- economic concepts and terminology. Students will be introduced to the elements of demand, supply, and market structures, as well as the synthesis and analysis of economic concepts as practiced in different systems (e.g. socialism, communism, fascism, and free market).

Resources: Economics Principles in Action, Prentice Hall, 2007

Comparative Government

Semester II

Grade: 10 – 12 - (1/2 credit earned each semester)

Prerequisites: Prefer that students have completed World History or US History/Economics

Course Description:

Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes. Comparison assists both in identifying problems and in analyzing policy-making.

Resources: TBD

Advanced Placement (AP) Human Geography

Full Year

Grades: 10-12 - (1/2 credit earned each semester) Offered 2015-2016

Prerequisite: Students must have a minimum of a 3.0 cumulative grade point average in English and Social Studies classes. Students must apply for entrance into the class through the AP application process.

Course Description:

The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface . Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences . Students will also learn about the methods and tools geographers use in their research and applications .

Human Geography is like a virtual field trip around the world. In this course we will examine how people live shapes how they think and act. In AP Human Geography we try to understand how others' environment leads them to think and act differently from us. This class is very much a current events course as we apply the spatial perspective to analyze contemporary events. Students will learn to examine the key issues that shape our world today – such as culture, political and ethnic conflict, population movement, urban issues. This course has amazing potential to shape, if not completely change the way you view the world for the rest of your life!

This course gives students the CHOICE to take the Advanced Placement Human Geography exam in May at additional parent expense.

Resources: Wiley: Human Geography

Advanced Placement (AP) World History

Full Year

Grades: 11-12 - (1/2 credit earned each semester)

Prerequisite: Modern World History. Students must have a minimum of a 3.0 cumulative grade point average in English and Social Studies classes or strong recommendation from instructors. Students must apply for entrance into the class through the AP application process.

Course Description:

This Advanced Placement course will develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as makes comparisons among major societies. Focused primarily on the past thousand years of global experiences, the course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage prior to 1000 CE. Periodization, explicitly discussed, forms the organizing principle for dealing with change and continuity from the past to the present. Specific themes provide further organization to the course, along with the consistent attention to contacts among societies that form the core of world history as a field of study.

The culmination of this course is taking the Advanced Placement World History exam in May.

Resources: The Earth and Its People: A Global History, Houghton Mifflin.

Advanced Placement Economics

Full Year

Grades: 11-12 - (1/2 credit earned each semester)

Prerequisite: Economics. Students must have a minimum of a 3.0 cumulative grade point average in English and Social Studies classes or strong recommendation from instructors. Students must apply for entrance into the class through the AP application process.

Course Description:

AP Macroeconomics is a course that gives students a thorough understanding of the principles of economics that apply to an economic system as a whole and its macroeconomic goals of achieving economic growth, full employment, and price stability. It emphasizes the study of national income and price-level determination and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, and international economics. The major content areas are: Basic economic concepts, Measurement of economic performance, National income and price determination, Financial sector, Inflation, unemployment, and stabilization policies, Economic growth and productivity, Open economy: international trade and finance.

Resources: Macroeconomics, 2nd Edition, by Paul Krugman and Robin Wells

World Languages

Dutch

HS Dutch Foundations I

Full Year

Grades: 9-12 (1/2 Credit earned each semester)

Course Description:

This course is designed for students with little or no prior knowledge of Dutch language. This first year of Dutch aims to provide students with basic communication skills in Dutch. Students will work on their ability to read and understand limited text. Students will write simple compositions. Students will work on listening, speaking, reading and writing skills. Through practical interactive activities students will explore the Dutch culture as well as develop basic language acquisition skills.

Resources: Zebra 1, Thieme Meulenhoff, 2002

Dutch Foundations II (Mavo/Havo)

Full Year

Grades: 9-12 (1/2 Credit earned each semester)

Pre-requisite: Teacher approved placement

Course Description:

In this lower level native Dutch class, students will study oral, reading and writing skills. Mavo students will read short reading and write essays. Students in level 4 will begin to prepare a literature list. Students will be exposed to cultural, political and social aspects of Dutch speaking countries. Students will prepare for the final Dutch exam that will be taken. The oral exam will take place in April and the written exam will occur in May. The official exams will be taken at the Examenbureau (Ex. Office) in Aruba.

Resources: Op Niveau vmbo 3, Thieme Meulenhoff, 2009

Dutch Intermediate (Havo/VWO)

Full Year

Grades: 9-12 (1/2 Credit earned each semester)

Pre-requisite: Teacher approved placement

Course Description:

This higher level native Dutch class will continue to develop the student's basic oral and writing skills. Havo students will read longer more complex literature. Classic books and literature by Proza will be studied. Additional works, by Poezie will be included. Havo students will read long, difficult texts. They will answer open and closed questions, prepare arguments, and learn about signal words as they read. Students in Havo will study a literature book list in preparation to take the final Havo exam.

Resources: Op Nieuw Niveau 2e fase, Theorieboek for all and Werkboek on their own level Thieme Meulenhoff, 2009; Metropool, Literatuur voor Havo/Vwo Wolters Noordhoff

Dutch Advanced (VWO)

Full Year

Grades: 9-12 (1/2 credit earned each semester)

Pre-requisite: Teacher approved placement

Course Description:

This highest level native Dutch class will continue to develop the student's oral and writing skills. VWO students will read long, difficult and challenging books. Classic books and literature by Proza will be studied in addition to other authors. VWO students will read long, difficult texts. They will answer open and closed questions, prepare arguments, and learn about signal words as they read in Dutch. Students in the VWO class will create and study a 16 book list of literature in preparation to take the final VWO exam. The advanced Dutch classes will learn first-hand about Dutch culture while actively participating in a number of special events, such as attending theater shows, watching films, and going on field trips. In addition, the advanced Dutch students will be expected to help organize the Queen's birthday celebration, Sinterklaas, the Aruban Flag Day and other special events as they occur.

Resources: Op Nieuw Niveau 2e fase, Theorieboek for all and Werkboek on their own level, Thieme Meulenhoff, 2009; Metropool, Literatuur voor Havo/Vwo Wolters Noordhoff

Spanish

Spanish I

Full Year

Grades: 9-12 - (1/2 credit earned each semester)

Course Description:

This beginning-level Spanish I course will focus on developing core language acquisition skills; listening, reading, speaking, writing, emphasizing the cultural component of the learning process by dedicating a special section per unit to a different Spanish speaking country, contrasting it with the United States, and occasionally other Anglo Saxon cultures. The presentation of the cultural aspects is done via a contextual frame closely linked to the grammar expressions and new vocabulary learned to start preparing the students for the College Board demands.

Resources: Avancemos, level 1, Holt, McDougal, Little; online classzone.com, video/DVD: Cuaderno de practica por nivel.

Spanish II

Full Year

Grades: 9-12 - (1/2 credit earned each semester)

Prerequisite: Successful completion of Spanish I or completion of equivalent coursework with a C (73%) or better average or teacher recommendation

Course Description:

This course builds upon Spanish I concepts. Spanish II curriculum concentrates on developing the four skills of listening, speaking, reading, and writing. There are three major culture features to

help students develop an appreciation and understanding of the culture of Spanish-speaking countries: 1) Every two units a new country is introduced, 2) authentic interviews are presented to motivate students to become familiar with the richness of the Spanish-speaking world, 3) Every chapter contains cultural notes for the students to gain knowledge and understanding of other Spanish speaking cultures.

Resources: Avancemos, level 2, Holt, McDougal, Littell. Online classzone.com, video/DVD: Cuaderno de practica por nivel.

Spanish III

Full Year

Grades: 9-12 - (1/2 credit earned each semester)

Prerequisite: Successful completion of Spanish II or completion of equivalent coursework with a C (73%) or better average or teacher recommendation

Course Description:

This Spanish 3 course will stress, improve, and/or strengthen the language acquisition skills through a comprehensive coverage of listening, speaking, reading, and writing skill-developmental activities. The method used for this course emphasizes the cultural component of a language learning process by dedicating a special section per unit to a different Spanish-speaking country, presenting cultural aspects to a deeper level. Poetry and literature are introduced as a basis to a more advanced study of the language. Oral expression and oral reading are given priority at this level.

Resources: Avancemos, level 3, Holt, McDougal, Little; online classzone.com, video/DVD: Cuaderno de practica por nivel.

Spanish IV

Full Year

Grades: 9-12 - (1/2 credit earned each semester)

Prerequisite: Successful completion of Spanish III or completion of equivalent coursework with a C (73%) or better average or teacher recommendation

Course Description:

The purpose of this course is to guide the students in discovering modern Hispanic literature while giving them tools to realize self-expression, both orally and in writing, through immersion in the use of correct grammar and syntax. Texts and excerpts from works by modern authors are used so that students may have the occasion to use analytical expression and be in contact with the current trends of literary compositions. The literary works of well-known writers such as Juan Ramón Jiménez, Rigoberta Menchú, Ana María Shua, Antonio Landauro, Ciro Alegría, Serafín y Joaquín Álvarez Quintero, Isabel Allende, José Martí, Antonio Caban, Alfonso Quijada, Pablo Neruda, Sabine R. Ulibarri, Jorge Manrique, Antonio Machado, Alejandro Balaguer, Jordi Sierra I Fabra, Federico García Lorca, among others, will be critically read, analyzed, and studied contrasting the situations presented, when possible, with the current world scenario and context.

Resources Avancemos, level 4, Holt, McDougal, Little; online classzone.com, video/DVD: Cuaderno de practica por nivel.

Advanced Placement Spanish Language and Culture

Full Year

Grades: 9-12 - (1/2 credit earned each semester) **Offered 2015-2016**

Prerequisite: Successful completion of Spanish III/IV with a C (73%) or better average and teacher approval.

Course Description:

The course is based on the requirements outlined in the College Board AP Spanish Language Course Description. An AP student candidate is expected to comprehend and produce language that is equivalent to that which is used in 3rd- year college level course. Therefore candidates must not only be well prepared, but they must also have a high level of motivation and interest, as well as a sufficient time to prepare out of class reading and writing assignments.

This class gives students multiple opportunities to listen to authentic language use. The fundamental objectives of the program are for students to receive multiple opportunities to achieve a high level of proficiency in all four skills: listening, reading, speaking and writing. Students are required to use Spanish throughout the class.

This course gives students the CHOICE to take the Advanced Placement Spanish Language exam in May at additional parent expense.

Resources: TBD and may include: Encuentros Maravillosos, Abby Kanter; ¡Ven Conmigo! Nuevas Vistas, Holt Rinehart; Barron's AP Spanish 2007; Nuevas Vistas Curso avanzado uno; AP Language Prep Student Workbook, 2007 edition, Holt Rinehart; AP Spanish: Preparing for the Language Examination, Third Edition, Jose M.Diaz; additional handouts prepared by instructor.

Advanced Placement Spanish Literature

Full Year

Grades: 9-12 - (1/2 credit earned each semester)

Prerequisite: Successful completion of Spanish III/IV with a C (73%) or better average and teacher approval.

Course Description:

The course is based on the requirements outlined in the College Board AP Spanish Language Course Description. An AP Literature student candidate is expected to comprehend and produce language that is equivalent to that which is used in 3rd- year college level course. Therefore candidates must not only be well prepared, but they must also have a high level of motivation and interest, as well as sufficient time to prepare out of class reading and writing assignments.

This course gives the occasion to listen to authentic language use. The fundamental objectives of the program are for students to receive multiple opportunities to achieve a high level of proficiency in Hispanic and Latin American narrative (novels, and stories), poetry, and drama; as well as analysis and mastering of vocabulary leading to a deep literary analysis, and essay writing.

This course gives students the CHOICE to take the Advanced Placement Spanish Literature exam in May at additional parent expense.

Resources: Abriendo Puertas -Antología de la Literatura en Español, Tomos I y II. Momentos Cumbres de la Literaturas Hispánicas – Introducción al Análisis Literario, by Rodney T. Rodríguez.

Conversational Foreign Language Development

Rosetta Stone

One or Two Semesters - Minor

Grades: 6-12 - (1/4 credit earned each semester)

Prerequisite: None. This class does NOT fulfill the ISA Language requirement.

Using the *Rosetta Stone* computer program, students independently learn a spoken foundation of a language of choice. The *Rosetta Stone* program is known for developing conversational language ability and vocabulary. It does not provide the written linguistic components of a language nor reading comprehension. Language choices are: Arabic, Chinese (Mandarin), Dutch, English (American), English (British), Filipino (Tagalog), French, German, Greek, Hebrew, Hindi, Italian, Japanese, Korean, Latin, Persian (Farsi), Polish, Portuguese (Brazil), Russian, Spanish (Latin America), Spanish (Spain), Swedish, Turkish, Vietnamese. Students will need to be self-motivated to benefit from this opportunity. Students need to provide own laptop computer and headphones to enroll in this course.

Computer Studies - Information Technology

Publications I, II

Full Year Major

Grades: 10 –12 - (1/2 credit earned each semester)

Prerequisite: None

Course Description:

The Publications course is a practical course designed to produce the official yearbook for the school as well as other school related media such as a regular newsletter and the school website. Students in this course will learn the skills of Journalism, Layout & Design, Marketing, Sales & Advertising, Photography, and Graphic Design. Students will photograph people, places, and events important to the school year, design page layouts, and care for all aspects of yearbook, newsletter and website production. Classroom activities are closely related to the real world of interviewing, reporting, meeting deadlines and producing multiple materials.

Fine & Performing Arts

Visual Arts

Art History

Full Year - Major

Grade: 9-12 - (1/2 credit earned each semester) Required for grade 9

Course Description:

This Art History course presents the major themes, styles and subject matter of two-dimensional art, sculpture and architecture from prehistory to the present, focusing on Western civilization. The artworks of each culture and historical period are examined in the context of visual art projects. Students enjoy recognizing works by specific artists and trying to understand why the works were created in a certain way. Class discussions about their own work and that of others help students to develop an aesthetic awareness. Regular visits to the library and computer room for research are part of the curriculum. Slide show presentations, films and fieldtrips are also part of this full year course. Students are requested to have a folder to hold handouts and a sketchbook. *Resources: Art History & Appreciation, Helen Hume; Studio Projects in Art History, William Reid; Gardner's Art through The Ages, Volume 1 and 2, Twelfth edition, Fred Kleiner and Christin Mamiya; Art History, Stokstad.*

Studio Art I & II – Design and Drawing

Full Year - Major

Grades: 9-12 - (1/2 credit earned each semester)

Course Description:

This course is a basic introduction to the visual arts. Through hands-on projects and visual problems students will explore the vocabulary of 2-dimensional design and begin to create and recognize strong visual statements. Students in this class will explore technical, perceptual, aesthetic, and conceptual skills in a variety of media. Elements of art and principles of design will be emphasized. Students are expected to explore art techniques and develop technical skills. Reflection on artist work and art historical periods will be used as an introduction for altering student artwork. Field trips and computer research will be part of the course. Students are required to keep a visual journal to keep track of their thinking process.

Advanced Placement (AP) Art History I

Full Year - Major

Grades: 11 & 12 - (1/2 credit earned each semester) Year1

Prerequisite: Students must apply for entrance into this class through the AP application process and receive permission from the instructor.

Course Description:

This is a two-year course where the basic Art History course in grade 9 will be used as a platform to develop more awareness and understanding of the Western Art as well of an overview of some of the key components of Art beyond the Western tradition.

The curriculum is aligned with the College Board AP Art History course description. In order to be successful in this course and on the AP Art History exam, students will need to demonstrate a high degree of commitment to academic work and possess academic skills that meet academic standards. Students will:

1. Acquire the ability to recognize, compare and understand many types of artwork including works from different periods, styles, artists and media.
2. Develop awareness in the relationship of artworks to the culture of a time period, including the significance of the role played by the consumers/patrons of that time

3. Engage in analytical and critical thinking.
4. Prepare themselves to successfully the College Board exam by creating a personal study guide and by writing “AP style” essays and tests throughout the second year.

Resources: Gardner’s Art through The Ages, Volume 1 and 2, Twelfth edition, Fred Kleiner and Christin Mamiya. Students should purchase the following reference book prior to the AP exam as an excellent review, The Annotated Mona Lisa by Carol Strickland.

Advanced Placement Studio Art - AP Art Portfolio

Full Year - Major

Grades: 11 & 12 - (1/2 credit earned each semester)

Prerequisite: Students must apply for entrance into this class through the AP application process and receive permission from the instructor.

Course Description:

The AP Studio Art course is designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written examination; instead, students submit portfolios for evaluation at the end of the school year. Students are expected to develop mastery in concept, composition, and execution of ideas.

The AP Studio Art program sets a national standard for performance in the visual arts that contributes to the significant role the arts play in academic environments. Each year the thousands of portfolios that are submitted in AP Studio Art are reviewed by college, university, and secondary school art instructors using rigorous standards.

The portfolios share a basic, three-section structure, which requires the student to show a fundamental competence and range of understanding in visual concerns (and methods). Students need to work on many different projects to encourage and ensure the individuality of their portfolio. In the **Concentration** section, students are expected to develop a body of art that demonstrates and shows a depth of investigation of an individually chosen theme or an idea. In the **Breadth** section, the student is asked to demonstrate a serious grounding in problem solving, ideation, visual principles and material techniques. The **Quality** section permits the student to select the works that best exhibit a synthesis of form, technique, and content. Critiques are a required part of this class’s participation. Students are expected to discuss their own work, the work of other students and the work of artists in written and verbal form.

This is an advanced, accelerated, studio-focused, college level art class for students who want to refine their technical skills and clarify an artistic direction with intent. The yearlong class will be a combination of prescribed and self-directed study based on the guidelines set forth by the National Advanced Placement College Board (AP). Through the utilization of an extensive range of 2- or 3-D materials and techniques, students will develop personal visual expression and will produce a body of 15-18 works that can be applied to the AP portfolios. Students are expected to work daily outside of class on studio projects and are encouraged to take advantage of open studio sessions. Student production of a slide portfolio is mandatory. Submission of the AP portfolio constitutes this course's final exam.

***There will be a studio art fee for this course of 200 AFL due the first day of this class.*

The culmination of this course is submitting the Advanced Placement Studio Art-AP Portfolio in May.

Ceramics

One or Two Semesters - Minor

Grades: 10, 11, & 12 - (1/2 credit earned each semester)

Course Description:

Ceramics is a course in which students will explore a broad range of techniques and approaches through art through hand built clay. Students will learn how to approach ceramic artwork as both functional and decorative sculptural objects. Development of technical skills and artistic vocabulary will include scoring, slipping, hand building (slab, coil and pinch techniques), bisque firing, painting and glazing, plus the endless alternative possibilities involved with clay.

Art Exploratory

One or Two Semesters - Minor

Grades: 10, 11, & 12 - (1/2 credit earned each semester)

Course Description:

As an activities/projects-based class, students will experience and explore the elements of art through two- and three-dimensional media. Emphasis will be given to variety of techniques. Group projects will be part of this course. Since this is an exploratory course, the greatest expectation is that students develop an understanding of the basic concept of what art is. Through the activities, students will learn about their own interests, abilities, and knowledge concerning art so that they will be able to make intelligent decisions about art in their future lives and/or careers. Inviting local artists and visiting available exhibitions will be part of this course.

Performing Arts

Drama 1A

Semester 1 – Major

Grade: 9-12 - (1/2 credit earned each semester)

Prerequisite - None

Course Description

Drama study at level one provides students with an opportunity to take on roles and to create and enter imagined worlds. They learn in a unique way about themselves, the art of drama, and the world around them. Students engage in social interaction and collaboration as they create, perform, and analyze drama. Through informal presentations and more formal performances, students use drama to communicate their aesthetic and personal values.

Students develop their awareness and use of the elements of drama (role/character, relationship, time and place, focus and emphasis, and tension) to create drama works that are related to their personal interests and experiences. In this course, they will experience being performer, audience, playwright, technician, designer, and critic.

By communicating in both their real and imagined worlds, students acquire proficiency in listening, speaking, questioning, and problem solving. Through the process of taking on roles, students develop and express empathy for people in a wide range of situations. They develop the ability to interpret and comment on a range of drama works and activities and evaluate their own and others' creative work.

Drama 1B

Semester 2 – Major

Grade: 9-12 - (1/2 credit earned each semester)

Prerequisite – Drama 1A or permission of the teacher

Course Description

This class is a continuation of Drama 1A. The emphasis is upon performance, a culmination of skills learned in the previous course. Students will be asked to take upon various roles which will challenge their abilities in voice, movement, and character development. Performances will be both informal and formal; audiences will range from their classmates to invited classes to outside individuals, including parents and the general public. The scope of chosen scenes and plays will depend upon the abilities and numbers of students enrolled in the course.

Drama - Performance

Semesters 1 and 2 - Minor

Grade: 6-12 - (½ credit earned each semester)

Prerequisite: None

Course Description:

This course focuses upon the fundamentals of performance. The first few weeks will be spent finding and creating the comfort zone of the ensemble of performers, through a variety of theater games. Once established, subsequent units will explore the concepts of tableau, mime, story theater, improvisation, and script writing. The second half of the course will be devoted to the exploration of character and scene development, essentially through the rehearsal and performance of a wide range of available scripts. The culminating activity will be a public performance of short scenes and/or one-act plays.

Musical Theatre 1A

Semester 1 - Major

Grade: 9-12 - (1/2 credit earned each semester)

*Prerequisite: None **Offered 2015-2016***

Course Description:

This course enables students to participate in varied aspects of musical theatre, with special attention to the fundamentals of voice production, stage movement, acting, characterization, dance and technical aspects of a musical production. Students will be introduced to the foundations of musical theatre through the use of exercises, assignments, prepared musical selections and play/concert attendance. This class may require students to participate in extra rehearsals and performances beyond the school day and may require costume purchases. Class

work focuses on scene study, stage management, setting analysis and design. The class is designed around and meets all of the Core Curriculum Standards for theater, dance, and music.

Musical Theatre 1B

Semester 1 - Major

Grade: 9-12 - (1/2 credit earned each semester) Offered 2015-2016

Prerequisite – Musical Theater 1a or permission of the teacher

Course Description:

The class will build on the skills and ideas of the first semester. The culminating activity will be a performance.

Dance

Semesters 1 and 2 – Minor

Grades: 6-12 - (1/4 credit earned each semester)

Prerequisite: None Offered 2015-2016

Course Description:

This introductory course will explore the basic concepts of dance. Emphasis will be placed on body alignment and strength and stretch, technique and performance, musicality, styles and characteristics and improvisation. This course will engage students in the art form of dance and motivate them to experience different dance styles.

Physical Education

Physical Education 9 Dance

Full Year – Minor

Grades: 9 - (1/4 credit earned each semester)

Prerequisite: Required for all grade 9 students

Course Description:

This class is required for graduation. Students will learn basic skills and sports. Students will maintain/develop their personal fitness throughout the year. Active, daily, cooperative participation is expected. Sportsmanship and friendly competition will be stressed during all units of instruction.

Physical Education - Fitness & Sports

One Semester - Minor

Grades: 10-12 - (1/4 credit earned each semester)

Prerequisite: Successful completion of grade 9 PE

Course Description:

This class is an elective. Students will learn more advanced physical skills and games. Students will maintain/develop their personal fitness throughout the year. This course is designed to expose

students to a variety of team and individual sports. Fitness and sportsmanship are emphasized as well as friendly competition. Active participation and proper dress are required.

Service

ISA Community Service

One semester

Grades: 9-12 (1/2 credit for 50 hours)

Prerequisite: Placement will be determined by the administration.

Course Description:

This class is a pass/fail opportunity for students to contribute to the ISA community in order to earn the service credit necessary to meet graduation requirements. Students may choose between: Junior Technician, Elementary Classroom Aide, Library Aide, Green School Gardener, Office Assistant, Grounds Worker, Science Laboratory Assistant, Language Teacher Aide, Elementary After-School Activity coach or aide, ISA Event support (International Day, Beach Clean-Up, Talent Shows, Spanish Day, Queen's Day, etc.), On-site Childcare Provider, Peer Tutor, and Service Coordinator (a Junior or Senior who does monthly tallies, liaises with teachers, enters data in Sycamore). Students must receive approval of the collaborating teacher.

Principal and Head of School must approve off-site projects. Service is applied to the transcript in half credit increments over the course of four years of high school. 50 hours is equal to a half credit of Service. A minor class of 180 minutes meets the Service requirement in one semester. A minor class of 140 minutes plus eight hours meets the Service requirement in one semester.

Junior Tech Program

Grades: 10 –12 – Service credit, not course credit, offered

Prerequisite: Computer Literacy A and B. Permission of the instructor required.

Course Description:

In this course, students will become hardware and network troubleshooters. They will learn various operating systems, cloud based systems, hardware, software, networking devices, and terminology relevant to ISA's infrastructure. Students will perform technology helpdesk functions throughout the year, building up a technology hardware and software knowledgebase, along with troubleshooting and installation skills. The hands-on nature of this course will enable students to be confident with a variety of hardware, software and networking technologies. Only students who have proven themselves to be responsible, independent, and trustworthy students will be accepted to participate in this unique and practical learning opportunity.

Study Skills

Study Skills

One semester - Minor

Grades: 6-9 (1/4 credit for one semester)

Course Description:

This class will provide tools to help students succeed in all their classes through the development of explicit study skills. Students will be taught how to manage their studying, use visual aids, how to read textbooks, how to take notes in class and from text books, how to remember information, use graphic organizers, take tests, and understand complex vocabulary.

Resources: Magrum Strichart materials as well as *Skills for Success* excerpts by Anita Archer.