



**AMERICAN
INTERNATIONAL
SCHOOL OF JEDDAH**

Excellence in the Pursuit of Dreams.

A large, light blue silhouette of an eagle with its wings spread wide, facing left. The eagle is positioned in the background, with its head and neck in the lower-left quadrant and its wings extending towards the top and right edges of the page. The wings are composed of several distinct, curved segments.

High School 2018-19 Course Catalog

Last Updated: September 27, 2018

Four Year Academic Plan

Course	Required Credit for Graduation	Grade 9	Grade 10	Grade 11	Grade 12	Total Taken/Needed
English	4					
Math <i>(including Algebra II)</i>	4					
Science <i>(including Chemistry)</i>	3					
Social Studies <i>(including US History)</i>	3					
World Languages <i>(two consecutive years)</i>	2					
Computer Science	1					
Fine/Performing/ Practical Arts	2					
Physical Education	1.5					
Health	.5					
Electives	6					
Week Without Walls <i>(WWW)</i>	1*					
Total	27					

*Week Without Walls is a required part of the High School curriculum and students enroll in a WWW experience each year. Each experience earns the student 0.25 credits and students who attend AISJ for all four years of High School earn 1 WWW credit.

Week Without Walls

Week Without Walls (WWW) is a program whereby students learn to partake in service to others and become engaged in experiential learning. This is one of the essential components in the development of the 'whole child' and one of the major building blocks in helping each student pursue their dream.

Learning through hands-on projects and working as members of a group to achieve major goals enhances the learning experience; and when students can internalize learning, they begin to develop lifelong learning skills. Moreover, when they have the opportunity to serve others, it touches their hearts and minds in ways that cannot be measured through tests and exams. It is that human touch that students learn in programs such as Week Without Walls that defines them and guides them toward future ideals and decisions that will impact their world in ways that we may never be able to quite describe in words.

Week Without Walls experience includes on-campus options, local options within Jeddah, options within the Kingdom, and options abroad. These experiences and destinations vary each year and fall into the three strands of Service, Adventure, and Culture.



Language Arts Department

The American International School of Jeddah recognizes the importance of communicating effectively in order to be successful global citizens. The aim of the AISJ Language Arts program is to provide learners with the tools to become independent readers, writers, speakers, and thinkers. Through a standards-based American curriculum, students will demonstrate the ability to create, revise, and comprehend texts at developmentally appropriate, increasingly complex ways. They will communicate effectively in English and transfer their learning to different contexts in relevant ways. Through authentic reading and writing tasks, students will grow as critical thinkers, allowing them to pursue their personal and professional goals with confidence and competence.

Beginning English Language Learning

Course Code: HS ELL 101

Grade: 9 – 12

Credit: 0.5 per Semester

Two Consecutive Semesters

This course is designed to meet the WIDA standards of second language acquisition, as well as helping students with the language needs in the different classes taught by using a variety of ELL strategies. The focus of ELL course is to develop reading, writing and listening proficiency through the study of a variety of texts and related materials based on the students' WIDA level of English language proficiency. Students will be explicitly taught reading and writing strategies as well as focusing on increasing vocabulary acquisition and an understanding of the English grammar. Students progress through various levels (WIDA standard levels) as they attain the necessary English language proficiency for academic success in the general education program. The ELL teacher is also available for helping students in the core subjects that require the use of English language.

Resources: Edge Fundamentals student edition (Book by Alfred W. Tatum) – Vocabulary Workshop (Orange, Sadlier-Oxford)

Prerequisite: ELL screening Levels: 1 (Entering) – 2 (Developing) – 3 (Expanding)

Intermediate English Language Learning

Course Code: HS ELL 102

Grade: 9 – 12

Credit: 0.5 per Semester

Two Consecutive Semesters

This course is designed to meet the WIDA standards of second language acquisition, as well as helping students with the language needs in the different classes taught by using a variety of ELL strategies. The focus of ELL course is to develop reading, writing and listening proficiency through the study of a variety of texts and related materials based on the students' WIDA level of English language proficiency. Students will be explicitly taught reading and writing strategies as well as focusing on

increasing vocabulary acquisition and an understanding of the English grammar. Students progress through various levels (WIDA standard levels) as they attain the necessary English language proficiency for academic success in the general education program. The ELL teacher is also available for helping students in the core subjects that require the use of English language.

Resources: Edge Level A student edition (Book by Alfred W. Tatum) – Vocabulary Workshop Level A (Sadlier- Oxford)

Prerequisite: ELL screening Levels: 3 (Developing) - 4 (Expanding)

Advanced English Language Learning

Course Code: HS ELL 103

Grade: 9 – 12

Credit: 0.5 per Semester

Two Consecutive Semesters

This course is designed to meet the WIDA standards of second language acquisition, as well as helping students with the language needs in the different classes taught by using a variety of ELL strategies. The focus of ELL course is to develop reading, writing and listening proficiency through the study of a variety of texts and related materials based on the students' WIDA level of English language proficiency. Students will be explicitly taught reading and writing strategies as well as focusing on increasing vocabulary acquisition and an understanding of the English grammar. Students progress through various levels (WIDA standard levels) as they attain the necessary English language proficiency for academic success in the general education program. The ELL teacher is also available for helping students in the core subjects that require the use of English language.

Resources: Edge Level B student edition (Book by Alfred W. Tatum) – Vocabulary Workshop Level B (Sadlier- Oxford)

Prerequisite: ELL screening Levels: 4 (Developing) - 5 (Expanding)

English 9

Course Code: HS Eng 009

Grade: 9

Credit: 1

Two Consecutive Semesters

This course focuses on English language skills and academic writing skills. Students learn mastery of basic skills in English grammar, literature, and composition. Academic writing incorporates MLA essays, research projects, expository, persuasive, narrative, and reflexive writing. Analysis of literary genres includes the short story, poetry, novels, works of nonfiction, and Shakespearean drama. Students will also explore their reading interest through independent reading selections, as well as assigned texts.

Resources: Elements of Literature, Third Course; Holt, Rinehart and Winston; selected texts

Prerequisite: Successful completion of Grade 8 English

English 9 Honors

Course Code: HS Eng H09

Grade: 9

Credit: 1

Two Consecutive Semesters

This is an intensive course for students who are functioning above grade level in language arts and reading and have demonstrated competency in grammar, composition, and analysis skills in the 8th grade. They must have the motivation and desire to participate in the program. This Honors course includes in-depth study in composition, research, and literary analysis, and it requires advanced study techniques and outside readings. Academic writing incorporates MLA essays, research projects, expository, persuasive, narrative, and reflexive writing. Analysis of literature is genre-based and includes the short story, poetry, novels, works of nonfiction, and Shakespearean drama. Students will also explore their reading interest through independent reading selections.

Resources: Elements of Literature, Third Course; Holt, Rinehart and Winston; selected texts

Prerequisite: Student interest in advanced study, successful completion of Grade 8 English with an A or higher, teacher recommendation, and/or high achievement on MAP Scores

English 10

Course Code: HS Eng 010

Grade: 10

Credit: 1

Two Consecutive Semesters

This course places emphasis on the introduction, analysis, and appreciation of World Literature. Using the AERO standards, critical reading, speaking and writing skills are developed. Shared course texts will be used for discussion and debate activities. Academic writing skills are reinforced through MLA research, analytical writing, and vocabulary acquisition, in addition to various forms of writing that include but are not limited to creative, reflective, narrative, and persuasive modes of writing.

Resources: Elements of Literature, Fourth Course; Holt, Rinehart and Winston; selected texts

Prerequisite: Successful completion of English 9 or its equivalent

English 10 Honors

Course Code: HS Eng H10

Grade: 10

Credit: 1

Two Consecutive Semesters

This is an intensive course for students who are functioning above grade level in language arts and reading and have demonstrated competency in grammar, composition, and analysis skills in 9th grade. They must have the motivation and desire to participate in the program. This Honors course builds on the 9th grade Honors class with emphasis on in-depth analysis of World Literature. Using the AERO standards, critical reading, speaking and writing skills are developed. Shared course texts will be used for discussion and debate activities. Academic writing skills are reinforced through MLA research, analytical writing, and vocabulary acquisition, in addition to various forms of writing that include but are not limited to creative, reflective, narrative, and persuasive modes of writing.

Resources: Elements of Literature, Fourth Course; Holt, Rinehart and Winston; selected texts

Prerequisite: Student interest in advanced study, successful completion of Grade 9 English with an A or higher, teacher recommendation, and/or high achievement on MAP Scores

Language Arts Electives

Film Studies

Course Code: HS Eng 271

Grade: 10-12

Credit: 0.5

One Semester

During this one semester elective course (offered both semesters) students will expand their understanding and appreciation of the art of cinema through a study of the historical, technical, literary, and sociological aspects of film-making. Students will study the history of movies, cinematography, composition, editing, sound, special effects, film genre, screenwriting, acting, and directing. All concepts will be illustrated through film clips, comprising scenes from over 100 different movies. Throughout this process, we will view, analyze, and discuss a number of complete films, representing the highest achievement of the art form.

Resources: "Film Studies" by Sikov, Columbia University Press.

Prerequisite: Successful completion of 9th grade and an interest in film.

Yearbook Design

Course Code: HS Eng 461

Grade: 10-12

Credit: 1

Two Consecutive Semesters

Students will learn journalistic writing, editing, and basic production skills: news reporting, feature writing, entertainment writing, editorial writing, video editing, and video production. Students will improve social and verbal skills through interviewing and public speaking skills through broadcast/video presentations. Students will explore various modes of disseminating news including print, radio, television, and web and will develop strategies for disseminating school news and information to the AISJ faculty, staff, and student body.

Resources: PC computer labs, Adobe Programs (InDesign and Photoshop), Google Suite applications such as Google Docs and Presentations, and movie editing software such as MovieMaker

Prerequisite: Successful completion of computer application credits, digital photography, or its equivalent

Mathematics Department

Algebra I

Course Code: HS Mth 101

Grade: 9 – 10

Credit: 1

Two Consecutive Semesters

This course provides a systematic way to represent mathematical relationships and analyze change. General situations are studied using symbols, formulas, equations and inequalities instead of specific cases using numbers. Emphasis is placed on broad, basic and unifying algebraic concepts and principles. Students build on the skills they have already acquired through the study of numbers and the precise use of language. The topics include: Tools of Algebra, Solving Linear Equations, Functions, Analyzing Linear Equations, Solving Systems of Linear Equations, Solving Linear Inequalities, Polynomials, Introduction to Quadratic Equations.

Resources: Algebra 1, Student Edition

Prerequisite: Successful completion of Pre-Algebra or its equivalent

Geometry

Course Code: HS Mth 201

Grade: 9 – 11

Credit: 1

Two Consecutive Semesters

All students are expected to successfully complete Geometry. This course includes emphasis on two- and three-dimensional reasoning skills, coordinate and transformational geometry, and the use of geometric models to solve problems. 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 the operational skills needed to enhance geometric measures, problem solving skills and geometric proofs. The topics include: Points, Lines, Planes and Angles, Proofs, Congruent Triangles, Proportions, Pythagorean Theorem, Quadrilaterals, Circles, Areas and Perimeters of Basic Shapes.

Resources: Geometry: Tools for a Changing World, Prentice Hall.

Prerequisite: Successful completion of Algebra I

Algebra II

Course Code: HS Mth 301

Grade: 9 – 12

Credit: 1

Two Consecutive Semesters

Algebra II is the continuation of Algebra I and is a required course for graduation from AISJ. It is a comprehensive study of Algebra. Topics include: Matrices, Quadratic Equations and Functions, Polynomials and Polynomial Functions, Exponential and Logarithmic Functions, Rational Functions, Sequences and Series, and An Introduction to Trigonometric Functions. A graphing calculator is required (TI-83/84/86 recommended). Students can enroll in Algebra 2 and Geometry concurrently if they pass Algebra 1 with a B and have a teacher recommendation.

Resources: Advanced Algebra, Prentice Hall. Graphing calculator required (TI-83/84/86 recommended).

Prerequisite: Successful completion of Algebra I and Geometry

Algebra II Honors

Course Code: HS Mth 321

Grade: 9 – 12

Credit: 1

Two Consecutive Semesters

This course is an intensive, accelerated course intended to prepare students for advanced mathematics courses. Students will focus on the use of technology and data analysis to develop their thinking, problem solving, and communication skills. Properties, applications, algebra, and parametric representation of functions; matrix algorithms; and linear, quadratic, radical, exponential, logarithmic, polynomial, and rational functions are studied. Data analysis techniques include the use of re-expression and residuals to find and verify best-fit rules. Applications as well as the properties relevant to advanced mathematics also are studied. Students in the honors program will be strong academically, highly motivated and be able to work independently. Extra emphasis will be placed on the honors students to learn on their own and to initiate the process of getting extra help when required. Many problems will be more conceptual in nature.

Resources: Algebra II, Holt McDougal

Prerequisite: Student interest in advanced study, successful completion of Algebra I with an A or higher, teacher recommendation, and/or high achievement on MAP Scores

Pre-Calculus

Course Code: HS Mth 401

Grade: 10 – 12

Credit: 1

Two Consecutive Semesters

This course is designed to introduce mathematical foundations that precede the calculus sequence with an emphasis on functions and graphs. Topics include: Functions and Their Graphs, Polynomial and Rational Functions, Exponential and Logarithmic Functions, Trigonometric Functions and Introduction to Limits and Calculus. Graphing calculator required (Texas Instrument TI-83 Plus or higher model).

Resources: Pre-Calculus with Limits; A Graphing Approach, Larson, Hostetler and Edwards, 5th ed., 2008

Prerequisite: Successful completion of Algebra II with a B- or higher

Calculus

Course Code: HS Mth 501

Grade: 10 – 12

Credit: 1

Two Consecutive Semesters

This course is an introduction to college-level topics in calculus. Emphasis is on skill development, applications, and using graphing calculators. Topics include the following: Limits and their Properties - Evaluating Limits Graphically, Numerically, Infinite limits; Differentiation - Derivative, Tangent Line, Rules of Differentiation; Applications of Differentiation - First Derivative Test, Second Derivative Test, Optimization; Integration- Anti-Derivatives, Areas, Definite Integrals, Fundamental Theorem Of Calculus, Differential Equations - Growth and Decay, Applications of Integration- Area of Region Between the Curves, Volume of the Solid. Students will need to purchase a graphing calculator. (Preferably a Texas Instrument TI-83 Plus or higher model)

Resources: Algebra II, Holt McDougal.

Prerequisite: Student interest in advanced study, successful completion of Algebra I with an A or higher, teacher recommendation, and/or high achievement on MAP Scores

Pre-Calculus Honors

Course Code: HS Mth 421

Grade: 10 – 12

Credit: 1

Two Consecutive Semesters

This course is designed for accelerated math students with an A- or higher in math. This will strengthen students understanding of concepts in Algebra and they will learn to operate graphing calculators. Topics include Functions and their Graphs, Polynomials and Rational Functions, Exponential and Logarithmic Functions, Trigonometric Functions, Introduction to Calculus - Limits, Continuity, One Sided Limits, Infinite Limits, Derivatives, Basic Differentiation Rules, Tangent Line, Related Rates. Students will need to purchase a graphing calculator. (Texas Instrument TI-83 Plus or higher model)

Resources: Pre-Calculus with Limits; A Graphing Approach, Larson, Hostetler and Edwards, 5th ed., 2008; Calculus with Analytic Geometry, 8th ed. By Larson, Hostetler, and Edwards

Prerequisite: Student interest in advanced study, successful completion of Algebra II with an A or higher, teacher recommendation, and/or high achievement on MAP Scores

Advanced Placement Statistics

Course Code: APStats

Grade: 10 – 12

Credit: 1

Two Consecutive Semesters

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Resources: Mind on Statistics; Ti-Nspire CX CAS

Prerequisite: Student interest in advanced study, successful completion of Algebra II with a B or higher. College Board developed and scored assessments are mandatory. AP courses may not be dropped at any time. Students are also obligated to attend extended class after school and/or on weekends.

Course Fee: SAR 600

Advanced Placement Calculus - AB

Course Code: APCalAB

Grade: 11 – 12

Credit: 1

Two Consecutive Semesters

This course is a rigorous, college-level course that introduces students to calculus concepts. Emphasis is on skill development, applications, multi-representational approach to concepts, results and problems being expressed graphically, numerically, analytically and verbally and using the graphing calculators. Topics include the following: Limits and Their Properties- Evaluating Limits Graphically, Numerically, Infinite Limits; Differentiation - Derivative, Tangent Line, Rules of Differentiation, Applications of Differentiation- First Derivative Test, Second Derivative test, Optimization, Integration- Anti-derivatives, Areas, Riemann Sums, Definite Integrals, Fundamental Theorem of Calculus, Differential Equations - Slope Fields, Growth and Decay, Applications of Integration- Area of Region Between the Curves, Volume of the Solid. The culmination of this course is taking the Advanced Placement Calculus-AB exam in May. Students will need to purchase a graphing calculator (preferably a Texas Instrument TI-83 Plus or higher model).

Resources: Calculus, 8th ed., Larson and Edwards

Prerequisite: Student interest in advanced study and successful approval of AP application process. College Board developed and scored assessments are mandatory. AP courses may not be dropped at any time. Students are also obligated to attend extended classes after school and/or on weekends.

Course Fee: SAR 600

Advanced Placement Calculus - BC

Course Code: APCalBC

Grade: 12

Credit: 1

Two Consecutive Semesters

This course is a rigorous, college-level extension of AP Calculus AB. Emphasis is on skill development, applications, multi-representational approach to concepts, results and problems being expressed graphically, numerically, analytically and verbally and using the graphing calculators. Topics include the following: Limits and Their Properties- Evaluating Limits Graphically, Numerically, Infinite Limits; Differentiation - Derivative, Tangent Line, Rules of Differentiation, Applications of Differentiation- First Derivative Test, Second Derivative Test, Optimization, Integration, Anti-Derivatives, Areas, Riemann Sums, Definite Integrals, Fundamental Theorem Of Calculus, Differential Equations - Slope fields, Growth and Decay, Applications of Integration- Area of Region Between the Curves, Volume of the Solid, Arc Length, Surface of Revolution, Integration by Parts, Trigonometric Integrals, Trigonometric Substitution, Partial Fractions, Improper Integrals, L-Hopitals' Rule, Indeterminate Forms, Infinite Series, Convergence, Divergence, Geometric, Harmonic, Alternating Series, Ratio Test, Power Series, Taylor and McLaurin Series, Radius and Interval of Convergence. Students will need to purchase a graphing calculator (preferably a Texas Instrument TI-83 Plus or higher model). The culmination of this course is taking the Advanced Placement Calculus BC exam in May.

Resources: Calculus with Analytic Geometry, 8th ed., Larson and Edwards, 9th ed.

Prerequisite: Student interest in advanced study and successful approval of AP Calculus AB. College Board developed and scored assessments are mandatory. AP courses may not be dropped at any time. Students are also obligated to attend extended classes after school and/or on weekends.

Course Fee: SAR 600

Mathematics Electives

Algebra I Foundations

Course Code: HS Mth 100

Grade: 9

Credit: 0.5

Two Consecutive Semesters

This course is intended to supplement students enrolled in Algebra I who need extra instructional time in order to be successful. Classes are designed to strengthen student's foundational skills in mathematics. Topics covered will align with the curriculum standards and topic sequencing for Algebra I but will also give extra attention to skills necessary for success in high school mathematics including: basic operations with decimals and fractions, algebraic equation solving skills, foundational geometric concepts, and real life problem solving strategies. Instruction will include attention to the development of study skills and strong work habits to support the student's success in their subsequent mathematics classes. Enrollment in the class is determined according to teacher recommendation from the previous school year and current MAP test results.

Resources: Textbook and websites

Prerequisite: Students are identified using standardized scores, teacher recommendation and/or counselor recommendation.

Principles of Accounting and Business Mathematics

Course Code: HS Mth 462

Grade: 10 - 12

Credit: 1

Two Consecutive Semesters

This semester course is an introduction to basic concepts and standards underlying financial accounting systems. Several important concepts will be studied in detail including revenue, inventory, assets, long-term liabilities, and balance sheet and cash flow statement. Simple and compound interest and future values are covered. Accounting concepts and techniques essential to the administration of business enterprise, analyzing and recording financial transactions will be introduced. The areas that include Business Math are Finance, Business Management, and Marketing. Students must have a licensed copy of Microsoft Excel.

Resources: Textbook and websites

Prerequisite: Student interest and successful completion of Algebra I and Geometry.

Statistics

Course Code: HS Mth 451

Grade: 11 - 12

Credit: 1

Two Consecutive Semesters

This course focuses on measures of central tendency and dispersion, elementary probability theory, normal, binomial, and T distributions, sampling distributions, estimation and significance testing, linear regression and correlation, and commonly used transformations. In addition, this course will include an introduction to design of experiments, data analysis, correlation and regression, sampling errors, confidence intervals, and hypothesis tests, probability theory, counting techniques, conditional probability, random variables, central limit theorem, methods of estimation, hypothesis testing, linear models, and analysis of variance. Key mathematical topics are introduced to develop simple mathematical models from both a research and business perspective. Students must have a licensed copy of Microsoft Excel.

Resources: Textbook and websites

Prerequisite: Student interest and successful completion of Algebra II with at least a B-.

Science Department

Chemistry

Course Code: HS Sci 110

Grade: 9

Credit: 1

Two Consecutive Semesters

This course requires students to think like a chemist, to solve problems using logic, trial and error, intuition, and patience. The course meets the United States colleges and universities requirements for a laboratory science and it is a prerequisite for the Advanced Placement Chemistry class. Students will investigate the basic principles of chemistry including the structure of matter, the changes it undergoes, and the energy that accompanies those changes. The course will be focused around students learning through discovery and laboratory learning.

Resources: Chemistry, 5th ed., Prentice Hall, 2000

Prerequisite: Successful completion of Algebra I

Biology

Course Code: HS Sci 310

Grade: 10 – 12

Credit: 1

Two Consecutive Semesters

The purpose of this course is to explore the amazing and wondrous web of life. This class will focus on nine major topics: biological principles, cells, genetics, evolution, ecology, microorganisms, plants, animals, and the human body. Investigative, reading, writing, and math skills will be incorporated to assist students in their preparation for advanced science classes at the high school level, college and/or world citizenship. Students will be better prepared to make responsible, sound decisions on the preservation of life. At the end of the course, the student should be able to understand and use biological concepts and principles, know and apply the skills and processes of biology and technology used in the field, and understand the nature and contexts of biology.

Resources: Modern Biology, Austin: Holt, Rinehart, and Winston, 2002

Prerequisite: Successful completion of Physical Science or its equivalent

Chemistry 2

Course Code: HS Sci 301

Grade: 10 - 12

Credit: 1

Two Consecutive Semesters

This course requires students to think like a chemist, to solve problems using logic, trial and error, intuition, and patience. The course meets the United States colleges and universities requirements for a laboratory science and it is a prerequisite for the Advanced Placement Chemistry class. Students will investigate the basic principles of chemistry including the structure of matter, the changes it undergoes, and the energy that accompanies those changes. The course will be focused around students learning through discovery and laboratory learning.

Resources: Chemistry, 5th ed., Prentice Hall, 2000

Prerequisite: Successful completion of Algebra I

Physics

Course Code: HS Sci 210

Grade: 10 – 12

Credit: 1

Two Consecutive Semesters

This course serves as an introduction to physics and emphasizes physical concepts by illustrating the relationship between theory and practice. This course is fast paced, and students are expected to have strong study and mathematical skills. 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, mechanics, energy thermodynamics, waves, optics and electromagnetism.

Resources: Holt Physics, Servay/Faugh; Holt, Rinehart, and Winston, 2009

Prerequisite: Successful completion of Algebra I and Geometry.

Advanced Placement Biology

Course Code: APBio

Grade: 11 - 12

Credit: 1

Two Consecutive Semesters

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions. The course curriculum is compatible with many Biology courses in colleges and universities. At the end of the course, the student should be able to, at a college level, understand and use biological concepts and principles; know and apply the skills and processes of Biology and Technology used in the field; and understand the nature and contexts of Biology. The culmination of this course is taking the AP Biology exam in May.

Resources: Biology, 8th ed., 2015, Reece, Taylor, Simon, Dickey, and Hogan

Prerequisite: Teacher approval. Student interest in advanced study and successful approval of Algebra I, Biology, and Chemistry. College Board developed and scored assessments are mandatory. AP courses may not be dropped at any time. Students are also obligated to attend extended classes after school and/or on weekends.

Course Fee: SAR 600

Advanced Placement Physics I: Algebra-Based

Course Code: APPhysics1

Grade: 11 – 12

Credit: 1

Two Consecutive Semesters

This course is the equivalent of a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits.

Resources: College Physics: A Strategic Approach, Knight, 3E

Prerequisite: Student interest in advanced study and successful approval of Geometry and be concurrently taking Algebra II or its equivalent. College Board developed and scored assessments are mandatory. AP courses may not be dropped at any time. Students are also obligated to attend extended classes after school and/or on weekends.

Course Fee: SAR 600

Advanced Placement Chemistry

Course Code: APChem

Grade: 11 – 12

Credit: 1

Two Consecutive Semesters

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Created by the AP Chemistry Development Committee, the course curriculum is compatible with many Chemistry courses in colleges and universities. At the end of the course, the student should be able to, at a college level, understand and use chemical concepts and principles; know and apply the skills and processes of chemistry and technology used in the field; and understand the nature and contexts of chemistry. The culmination of this course is taking the AP Chemistry exam in May.

Resources: Chemistry, 8th ed., 2012, Zumdahl. eBook.

Prerequisite: Teacher approval. Student interest in advanced study and successful approval of Algebra II and Chemistry. College Board developed and scored assessments are mandatory. AP courses may not be dropped at any time. Students are also obligated to attend extended classes after school and/or on weekends.

Course Fee: SAR 600

Advanced Placement Physics 2: Algebra-Based

Course Code: APPhysics2

Grade: 11 – 12

Credit: 1

Two Consecutive Semesters

This course is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics.

Resources: College Physics: A Strategic Approach, Knight, 3E

Prerequisite: Student interest in advanced study, successful completion or current enrollment in pre-calculus and AP Physics I. College Board developed and scored assessments are mandatory. AP courses may not be dropped at any time. Students are also obligated to attend extended classes after school and/or on weekends.

Course Fee: SAR 600

Advanced Placement Environmental Science

Course Code: APEnviro

Grade: 11 – 12

Credit: 1

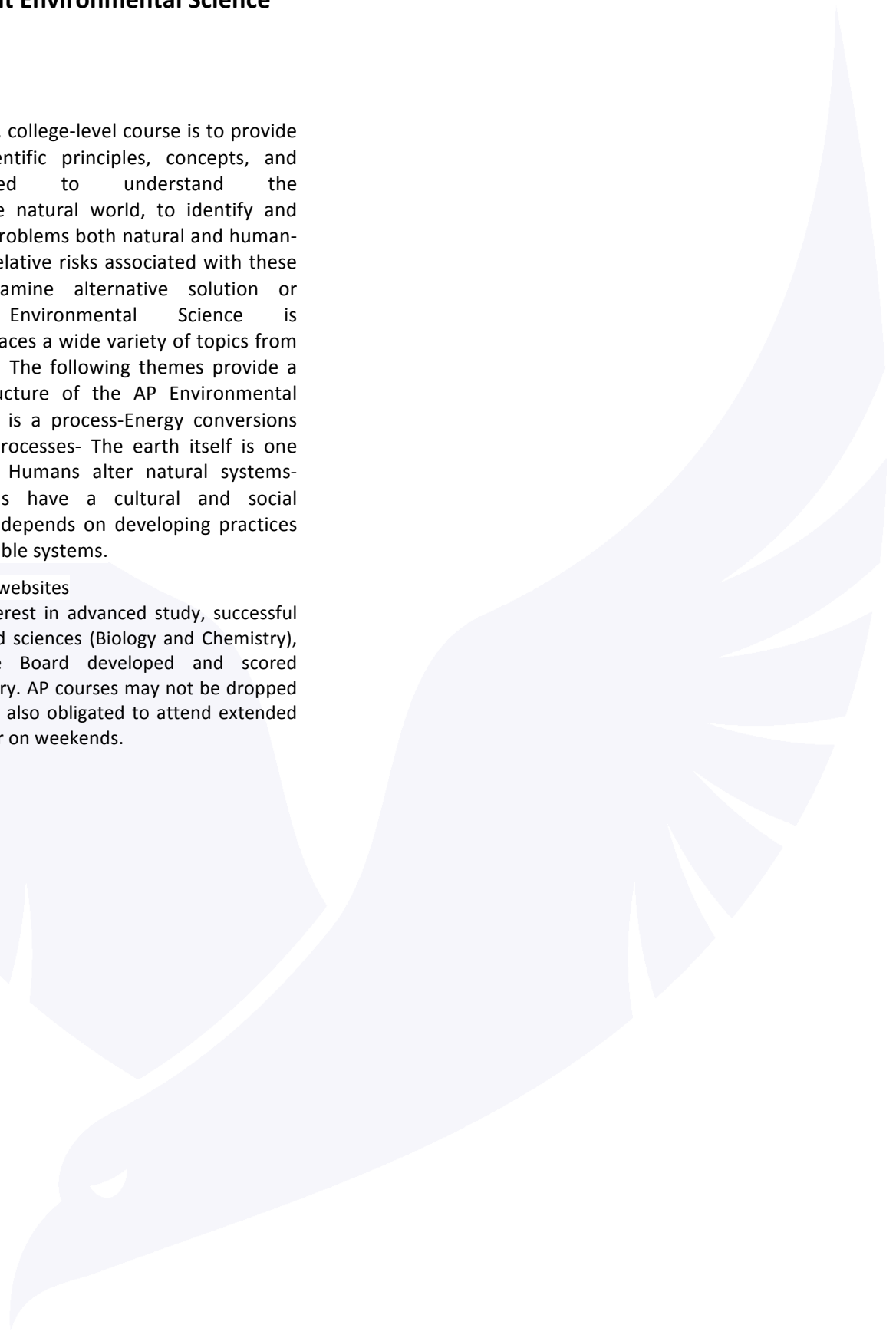
Two Consecutive Semesters

The goal of this rigorous, college-level course is to provide students with the scientific principles, concepts, and methodology required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solution or preventing them. Environmental Science is interdisciplinary; it embraces a wide variety of topics from different areas of study. The following themes provide a foundation for the structure of the AP Environmental Science Course; Science is a process-Energy conversions underlie all ecological processes- The earth itself is one interconnected system- Humans alter natural systems- Environmental problems have a cultural and social context-Human survival depends on developing practices that will achieve sustainable systems.

Resources: Textbook and websites

Prerequisite: Student interest in advanced study, successful completion of 2 lab-based sciences (Biology and Chemistry), and Algebra I. College Board developed and scored assessments are mandatory. AP courses may not be dropped at any time. Students are also obligated to attend extended classes after school and/or on weekends.

Course Fee: SAR 600



Science Electives

Environmental Science

Course Code: HS Sci 351

Grade: 11 - 12

Credit: 1

Two Consecutive Semesters

The purpose of this course is to analyze many of the issues concerning our environment such as the growing world population and the pressures on natural resources. Using the NGSS (Next Generation Science Standards), the following skills are developed: scientific-inquiry skills and analytical skills as they integrates important information from a number of different fields such as biology, geography, chemistry, physics, economics, sociology, law and politics. Topics or themes covered include environmental degradation, poverty, and many forms of pollution. By the end of the course, students should be able to develop a higher appreciation of their environment and treat it accordingly.

Resources: Environmental Science, Holt, Rinehart and Winston, 2000

Prerequisite: Successful completion of Chemistry, Biology, or Physics and Algebra I

Anatomy and Physiology

Course Code: HS Sci 451

Grade: 11 - 12

Credit: 1

Two Consecutive Semesters

This course will include a yearlong program of intense human anatomy and physiology studies. The areas covered will include, medical terminology, basic chemistry, cell and tissue structure, and the 11 systems of the human body (integumentary, skeletal, muscular, nervous, endocrine, circulatory, lymphatic, digestive, respiratory, urinary and reproductive). Laboratory work will be required. There will be a research paper on a subject related to the course for both First quarter and Third Quarter. Second Quarter and Fourth Quarter students will also present Ted Talks on two subjects related to their course work. This course is designed for college preparation, especially for biology and health career majors.

Resources: "Hole's Essentials of Human Anatomy and Physiology", Articulated Skeleton Model, 1-2 Disarticulated Skeleton Models, Vernier Labquest 2s and Sensors, Preserved Cats

Prerequisite: Student interest and successful completion of Biology and Chemistry

Social Studies Department

Ancient World History

Course Code: HS Soc 101

Grade: 9

Credit: 1

Two Consecutive Semesters

This course takes students through the first documented human activity through the reign of the Byzantine Empire. Ancient World History is designed to show how the study of past events provides students with a greater awareness of where we are today and where we are going tomorrow. Topics covered in Ancient World History include: culture and trade, the development of world religion, geography & movement, war & conflict, peace, and law & justice. This course will be used to engage students' critical thinking processes through a variety of different assessments, some being: analysis of historical texts, essay, class discussion, role-play, Socratic seminar, and portfolio construction & presentation. As history is an ever changing and developing study, students will see how history can change, based on who is presenting it, and how & why we study it. This course is also designed for students to become reflective, reasoned, and focused citizens.

Resources: World History: Connections to Today, Prentice Hall

Prerequisite: None

Modern World History

Course Code: HS Soc 201

Grade: 10

Credit: 1

Two Consecutive Semesters

This course is a chronological presentation of Modern World History. Students investigate the major events and factors that have influenced world development between 1500 CE and the Present. Care is taken to foster skills such as map reading, analysis of primary documents and critical reading and thinking. Major themes and their impact upon history are followed throughout the course; they include cultural diversity, religion, economics and technology, governmental and social structures, and global interaction.

Resources: World History: Connections to Today, The Modern Era, Prentice Hall

Prerequisite: Assignment to Grade 10

United States History

Course Code: HS Soc 301

Grade: 11 - 12

Credit: 1

Two Consecutive Semesters

This course provides a broad analysis of the social, political, economic and cultural history of the United States, from the settling of the Americas to the challenges of the present day using AERO Standards. Students learn how people, resources, conflicts, wars, governments, religions, migration, immigration, science and technology affect history over time. Special emphasis is given to the Reconstruction, Constitution, Progressivism, Imperialism, WW1, WW2, Cold War, Civil Rights movement, 1960's, Rise of conservatism and important trends such as the struggle for and maintenance of equality/freedom.

Resources: History Alive! Pursuing American Ideals © 2013 Teachers' Curriculum Institute

Prerequisite: Assignment to Grade 11 or transferring students who have not completed a US History requirement.

Advanced Placement Comparative Government

Course Code: APCompGov

Grade: 11 - 12

Credit: 1

Two Consecutive Semesters

Students successfully completing this course will understand major comparative political concepts, themes, and generalizations and have knowledge of important facts pertaining to the governments and politics of China, Great Britain, Iran, Mexico, Nigeria, and Russia. Students will understand typical patterns of political processes and behavior and their consequences, and be able to compare political institutions and processes across countries and to derive generalizations. Students will be able to analyze and interpret basic data relevant to comparative government and politics. Assessments will include a research project, debates on contemporary issues, and traditional tests and written assignments.

Resources: Textbook

Prerequisite: Student interest in advanced study and successful approval of AP application process. College Board developed and scored assessments are mandatory. AP courses may not be dropped at any time. Students are also obligated to attend extended classes after school and/or on weekends.

Course Fee: SAR 600

Advanced Placement United States History

Course Code: APUSHist

Grade: 11 - 12

Credit: 1

Two Consecutive Semesters

This rigorous, college-level course is designed to help the student develop the analytical skills and factual knowledge necessary to deal with the problems and materials in United States history. Students learn to assess historical materials and their relevance to a given issue, their reliability, and their importance, and to weigh the evidence and interpretations presented in historical scholarship. This AP course is designed to give students detailed understanding in the subject matter of United States history and in major interpretive questions that are derived from the study of selected themes. The culmination of this course is taking the Advanced Placement United States History exam in May.

Resources: Textbook

Prerequisite: Student interest in advanced study and successful approval of AP application process. College Board developed and scored assessments are mandatory. AP courses may not be dropped at any time. Students are also obligated to attend extended classes after school and/or on weekends.

Course Fee: SAR 600

Advanced Placement Human Geography

Course Code: APHumnGeo

Grade: 9 - 12

Credit: 1

Two Consecutive Semesters

AP Human Geography is a rigorous, college-level course that focuses on the distribution, processes, and effects of human populations on the planet. Units of study include population, migration, culture, language, religion, ethnicity, political geography, economic development, industry, agriculture, and urban geography. Emphasis is placed on geographic models and their applications. Case studies from around the globe are compared to the situation in both the United States and locally.

Resources: Textbook and websites

Prerequisite: Student interest in advanced study and successful approval of AP application process. College Board developed and scored assessments are mandatory. AP courses may not be dropped at any time. Students are also obligated to attend extended classes after school and/or on weekends.

Course Fee: SAR 600

Advanced Placement World History

Course Code: APWrldHist

Grade: 10 - 12

Credit: 1

Two Consecutive Semesters

This rigorous, college-level 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 change 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 experience, the course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage prior to 500 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

Prerequisite: Student interest in advanced study and successful approval of AP application process. College Board developed and scored assessments are mandatory. AP courses may not be dropped at any time. Students are also obligated to attend extended classes after school and/or on weekends.

Course Fee: SAR 600

Advanced Placement Psychology

Course Code: APPsych

Grade: 11 - 12

Credit: 1

Two Consecutive Semesters

This rigorous, college-level course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

Resources: The American Pageant, Houghton Mifflin, 2002

Prerequisite: Student interest in advanced study and successful approval of AP application process. College Board developed and scored assessments are mandatory. AP courses may not be dropped at any time. Students are also obligated to attend extended classes after school and/or on weekends.

Course Fee: SAR 600

Advanced Placement Economics

Course Code: APEcon

Grade: 11 - 12

Credit: 1

Two Consecutive Semesters

AP Economics is a yearlong advanced course, which is split into 2 sections Microeconomics and Macroeconomics. We will cover microeconomics topics in the first semester and macroeconomics topics in the second. Each student is expected to take the AP Microeconomics and Macroeconomics exams at the end of the year in May. You are about to embark on an exciting and difficult journey however each of you are capable of success. Memorization will not suffice and students must develop their critical and analytical thinking skills to achieve at a high level. Below are the College Board descriptions for both Microeconomics and Macroeconomics.

AP Microeconomics

The purpose of the AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. The following is a brief discussion of these topics and some aspects of them that a teacher may choose to explore.

AP Macroeconomics

The purpose of the AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. There is no single approach that an AP Macroeconomics course is expected to follow. Whatever the approach, however, AP teachers are advised to take into account certain topics generally covered in college courses. The following is a brief discussion of these topics and some aspects of them that a teacher may choose to explore.

Resources: Economics, McGraw-Hill

Prerequisite: Student interest in advanced study and successful approval of AP application process. College Board developed and scored assessments are mandatory. AP courses may not be dropped at any time. Students are also obligated to attend extended classes after school and/or on weekends.

Course Fee: SAR 600

Social Studies Electives

Economics

Course Code: HS Soc 251

Grade: 10 - 12

Credit: 1

Two Consecutive Semesters

This course is designed to introduce the student to the principles microeconomics and macroeconomics using the NSE Economics standards. It illuminates how each decision made by an individual is an economic one. Within this course, students will use the household as a entry point, then move to see how modern economics is focused on how each economy is forced to answer three basic questions, those being: What goods and services to produce? How to produce certain goods and services? And for whom will the goods and services be produced? This course is a survey to economics, meaning that many concepts will be addressed rather briefly. Topics that will be covered include: scarcity, factors of production, opportunity cost & efficiency, elasticity, trade, concept of money, banking, interest & exchange rates, role of government, and entrepreneurship. By the end of this course, students will have a greater understanding of resources and how to use them.

Resources: Textbook

Prerequisite: Successful completion of Algebra I

Introduction of Psychology

Course Code: HS Soc 411

Grade: 11 - 12

Credit: 0.5

One Semester

This social studies elective course is an introduction to the principles and concepts of psychology, including founders, schools of thought, and behavioral disorders. Some of the topics studied include how individuals think, feel, and behave in regard to other people, personality development, abnormal behavior and its treatment, and the motivation behind individual behavior. One major focus is cognitive psychology, which includes: perception, attention, memory, language, cultural cognition, and intuition. After taking this course the student will have a greater understanding of how the uniqueness of an individual develops and the work of psychologists.

Resources: Textbook and websites

Prerequisite: None

Geography

Course Code: HS Soc 291

Grade: 9 - 12

Credit: 0.5

One Semester

This course examines environmental factors such as climate, topography and natural resources throughout the world. It also explores population distribution and growth and their effect on the world's population. The study of varied customs and cultural characteristics of world societies, as well as productivity and consumption of natural resources on a global scale are also main aspects of this class.

Resources: Textbook

Prerequisite: None

Sociology

Course Code: HS Soc 311

Grade: 10 - 12

Credit: 0.5

One Semester

This course is an introduction to the basic concepts and frames of reference of sociological investigation and interpretation. Topics will include the basics of sociological theory, culture, socialization, groups and organizations, crime and deviance, social stratification and class, global stratification, race and ethnic relations, the role of gender, power politics and government and religion. Throughout the course the topics for discussion will be examined within the framework of relevant sociological theory. By the end of the course, student will be able to: Identify the purpose of Sociology and the types of questions and research strategies used to understand and explain issues, organizations and institutions in society; differentiate between macro and micro analyses of society; describe the historical development of sociology, its major founders (Marx, Durkheim, Weber etc.) and their main ideas and contributions; apply and formulate explanations of social issues and institutions utilizing the major sociological perspectives; and recognize and apply the specific sociological terms, definitions and concepts.

Resources: Websites

Prerequisite: None

Model United Nations

Course Code: HS Soc 351

Grade: 9 - 12

Credit: 1

Two Consecutive Semesters

This course is a unique class of highly motivated students. The purpose of AISJ MUN is to increase student knowledge about international issues, policy making and the activities of the United Nations. Students will be required to exhibit valuable skills in public speaking, research and writing, negotiation and powers of persuasion, leadership, organization, and interpersonal communication. Students are expected to research and represent a United Nations Member-State, NGO and/or Non-Member-State at MUN conferences. Travel to international conferences is expected of all students. The time commitment of this course is substantial. Only students who are willing to commit themselves to after school mini-simulations and make themselves available for weekend conferences outside the Kingdom should apply for AISJ MUN consideration.

Resources: Websites

Prerequisite: None

Course Fee: An additional fee may be incurred with opportunities to travel



Physical Education and Health

Physical Education – Fitness and Sport I

Course Code: HS PE 101

Grade: 9 - 11

Credit: 0.5

One Semester

This semester course is only open to all students and registration priority is given to students who must take it to meet graduation requirements. Students will learn advanced skills and tactical awareness in the following categories: invasion sports, striking/fielding sports, and net sports. Students will be exposed to Table Tennis, Volleyball, Soccer, Fitness and Basketball. Students will maintain/improve their personal fitness levels throughout the semester. Sportsmanship and friendly competition will be stressed during all units.

Resources: N/A

Prerequisite: None

Advanced Physical Education

Course Code: HS PE 201

Grade: 11 - 12

Credit: 0.5

One Semester

Focused on lifelong activities rather than team or individual sports, various components will be used throughout these courses such as: weight training, running, yoga, aerobics, golf, Frisbee, tennis, and softball. These may all be considered team and/or individual sports, these activities tend to be carried over to adulthood more often than other competitive sports like football, basketball, soccer, and track and field events that kids may participate in during childhood and adolescence only.

Resources: N/A

Prerequisite: Students must have completed one full year of PE in order to register for this course.

Health

Course Code: HS PE 303

Grade: 9 - 12

Credit: 0.5

One Semester

Once passed, this class cannot be repeated for credit. This class is required for graduation. Students will be introduced to a variety of current health issues including nutrition and diet, body systems, alcohol, tobacco, drugs, STD's, and AIDS. This class focuses on developing a healthy lifestyle and encourages students to choose responsible, healthy behaviors in order to improve and safeguard their health in the future.

Resources: Health: Skills for Wellness, Prentice Hall

Prerequisite: None

World Languages Department

General guidelines for the placement of students who are both new to AISJ and from other school systems into the World Languages department:

- Students who have received an education (minimum 3 years) up to the equivalent of Grade 7 or Grade 8 in one of the foreign languages studied at AISJ will be entered at Level 4, provided they pass a proficiency exam and/or interview with the teacher.
- Students who have received an education up to the equivalent of Grade 9 in one of the foreign languages studied at AISJ will be entered directly into AP, provided they pass a proficiency exam and/or interview with the teacher.
- Students who have studied a foreign language in their previous school and would like to continue to study here will be placed at the level matching their competence at the time of entry, as determined by a proficiency exam and/or interview with the teacher.
- For students who demonstrate fluency in one of the foreign languages studied at AISJ, the school reserves the right to place those students at the level they think is most appropriate, as determined by a proficiency exam and/or teacher interview.
- Senior students are accepted in Modern Language Level 1 class with the approval of the teacher.

French I

Course Code: HS Fr 101

Grade: 9 - 11

Credit: 1

Two Consecutive Semesters

This course is designed for students with little or no prior knowledge of the French language. This first year of French aims to provide the student with basic communication skills in French, the ability to read and understand a limited type of text and skills to write simply but effectively both conversational and narrative compositions. Priority is given to listening and speaking activities, reinforced by reading and writing. Grammar is used in context before being made explicit in grammatical terminology. The course also introduces the student to French speaking countries and their culture.

Resources: Adosphere, A1, Hachette: Student book, activity book, and online practice materials

Prerequisite: None

Spanish I

Course Code: HS Sp 101

Grade: 9 - 11

Credit: 1

Two Consecutive Semesters

Spanish I presents vocabulary and grammar needed by beginning students for use in basic conversations based in the Spanish language. Students will have the opportunity to learn about different cultural aspects related to the Spanish language from various countries around the Spanish-speaking world. The communication skills of speaking, listening, reading and writing are emphasized and used in class each day in order to build language skills as completely as possible. Students should expect to participate daily in class activities.

Resources: "Chicos, chicas 1" (Edelsa), other textbooks, songs, videos, Schoology, Internet and dictionaries.

Prerequisite: None

French II

Course Code: HS Fr 201

Grade: 9 - 12

Credit: 1

Two Consecutive Semesters

The second year French course expands on each of the four skills of listening, speaking, reading and writing developed in French I, with a continuing emphasis on using language in interesting, meaningful ways. The second year completes the introduction to the essential grammatical structures and tenses of French as well as to basic vocabulary. The reading program serves to reinforce the structures and vocabulary as well as to develop comprehension skills. The student would be able to understand long sentences, which consist of recombination of learned elements in a limited number of content areas. The course also aims to familiarize the student with aspects of French culture. Resources include videos, magazines, advertisements, short stories, textbooks, and workbooks.

Resources: Adosphere 2, A1.A2, Hachette: Student book, activity book, and online practice materials

Prerequisite: Successful completion of French I or successful completion of Middle School (3 semesters) French A, B, & C program.

French III

Course Code: HS Fr 301

Grade: 9 - 12

Credit: 1

Two Consecutive Semesters

There is a continued emphasis on oral communication skills, with reading and writing skills becoming more important. Short stories, simple poems and audio/ video material supplement and support the course. Communication skills are also refined through an appropriate novel study. Emphasis is given to vocabulary building through reading authentic French texts and using French as creatively as possible. Cultural experiences will be included in the class setting as frequently as possible. Intermediate grammar is also studied.

Resources: Adosphere 3, A2, Hachette: Student book, activity book, and online practice materials + "le petit prince"

Prerequisite: Successful completion of French II

Spanish II

Course Code: HS Sp 201

Grade: 9 - 12

Credit: 1

Two Consecutive Semesters

This level 2 course helps you attain proficiency in an interactive setting by building on the basic Spanish language skills you acquired in level 1. The language is presented within the context of the contemporary, Spanish-speaking world and its culture. The primary objective of my class is for you to not only learn Spanish well enough to be successful when going on to the next level but also to learn in a fun, relaxed environment and to develop an appreciation of the Spanish language and culture for life-long use and enjoyment.

Resources: "Chicos, chicas 2" (Edelsa), other textbooks, songs, videos, Schoology, Internet and dictionaries.

Prerequisite: Successful completion of Spanish I or successful completion of Middle School Spanish I and II.

Spanish III

Course Code: HS Sp 301

Grade: 9 - 12

Credit: 1

Two Consecutive Semesters

Spanish 3 is designed to further develop and strengthen Spanish language skills at a proficient level. We will begin this course reviewing grammar concepts from levels one and two and continue adding new tenses to your knowledge base. This course will provide the opportunity to improve your reading, writing and comprehension skills by utilizing advanced reading resources and developing compositions and dialogues. In addition, there will be an emphasis on speaking and accurately pronouncing the target language on a daily basis.

Resources: "Chicos, chicas 3" (Edelsa), other textbooks, songs, videos, Schoology, Internet and dictionaries.

Prerequisite: Successful completion of Spanish II

French IV

Course Code: HS PE 401

Grade: 9 - 12

Credit: 1

Two Consecutive Semesters

Students will master more complex grammatical structures and continue to improve fluency. Students will explore global issues of importance to French-speaking countries and learn to speak about them with ease. Literature will be used as a vehicle to enhance fluency and cultural knowledge. A wide range of texts is studied to develop a variety of communicative skills. The study of grammar and structure is integrated in the course work. A variety of teaching methodologies and materials are incorporated including taped conversations, songs, video, short stories, and Internet sources.

Resources: Bon Voyage! 3, Glencoe McGraw-Hill ; Trésors du temps, Glencoe McGraw-Hill ; Student book, Activities book, and online practice materials.

Prerequisite: Successful completion of French III

Advanced Placement French Language & Culture

Course Code: APFrench

Grade: 10 - 12

Credit: 1

Two Consecutive Semesters

The rigorous, college-level course emphasizes the use of language for active communication and helps students develop the ability to understand spoken French in various contexts. It requires a French vocabulary sufficiently ample for reading newspaper and magazine articles, literary texts, and other non-technical writings without dependence on a dictionary. The course will develop students' ability to express themselves coherently, resourcefully, and with reasonable fluency and accuracy in both written and spoken French. The culmination of this course is taking the Advanced Placement French Language & Culture exam in May.

Resources: Quand à moi, Bragger and Rice - AP French Language and Culture All Access By Dr. Eileen M. Angelini, Editors of REA, Dr. Adina C. Alexandru, Dr. Geraldine O'Neill - Reussir le DELF B2, didier - and online practice materials.

Prerequisite: Student interest in advanced study, successful completion of French IV and approval of AP application process. College Board developed and scored assessments are mandatory. AP courses may not be dropped at any time. Students are also obligated to attend extended classes after school and/or on weekends.

Course Fee: SAR 600

Spanish IV

Course Code: HS Sp 401

Grade: 9 - 12

Credit: 1

Two Consecutive Semesters

This course is designed with an in-depth view of the Spanish language. Students will form complex sentence structures and sustain lengthy conversations. Communication skills are developed and enhanced. The course will provide an opportunity for students to gain insights into Spanish-speaking. Students engage in conversation in Spanish to express feelings and ideas and exchange opinions.

Resources: "Chicos, chicas" (Edelsa), other textbooks, songs, videos, Schoology, Internet and dictionaries.

Prerequisite: Successful completion of Spanish III

Arabic Program / Islamic Studies Program

AFL Novice 1 (Arabic as a Foreign Language)

Course Code: HS AFL 1

Grade: 9 - 12

Credit: 1

Two Consecutive Semesters

This course counts toward a World Language credit for graduation. This course is designed for the non-native Arabic speaker and provides opportunities for students to explore and develop their language in Arabic. Students will be introduced to basic grammar and vocabulary, and develop an awareness of the Arabic culture. The objective of this class is to converse, read, and write utilizing the basics of the language they are taught, focusing on listening and speaking.

Resources: The Language Flagship, Short Stories, and Internet

Prerequisite: None

AFL Novice 2 (Arabic as a Foreign Language)

Course Code: HS AFL 2

Grade: 9 - 12

Credit: 1

Two Consecutive Semesters

This course counts toward World Language credit for graduation. This course is designed for the non-native Arabic speaker and is a continuation of AFL Beginner Arabic. Students will use and write more complex vocabulary and sentences. Students will read dialog and stories from Arab cultures to develop cultural awareness as well as the four language skills: reading, writing and focusing on listening and speaking.

Resources: I Love Arabic Language, Short Stories, and Internet

Prerequisite: Successful completion of AFL Novice 1

AFL Intermediate 1 (Arabic as a Foreign Language)

Course Code: HS AFL 3

Grade: 9 - 12

Credit: 1

Two Consecutive Semesters

This course counts toward a World Language credit for graduation. This full period class is designed for the non-native Arabic speaker. Extensive emphasis will be placed on speaking and writing. Grammar and vocabulary building will continue to be developed. Reading for understanding is required through the offering of stories and simple literary works. Cultural experiences will be included in the class setting as frequently as possible and focusing on listening and speaking.

Resources: I Love Arabic Language, Short Stories, and Internet

Prerequisite: Successful completion of AFL Novice 2

AFL Intermediate 2 (Arabic as a Foreign Language)

Course Code: HS AFL 4

Grade: 9 - 12

Credit: 1

Two Consecutive Semesters

This course counts toward a World Language credit for graduation. This full period class is designed for the non-native Arabic speakers and Arabic students with exceptions. Extensive emphasis will be placed on speaking and writing. Grammar and vocabulary building will continue to be developed. Reading for understanding is required through the offering of stories and simple literary works. Cultural experiences will be included in the class setting as frequently as possible and focusing on listening and speaking.

Resources: I Love Arabic Language, Short Stories, and Internet

Prerequisite: Successful completion of AFL Intermediate 1

Arabic 9

Course Code: HS Arbc 09

Grade: 9 - 12

Credit: 1

Two Consecutive Semesters

This course fulfills the MOE Arabic requirement and counts toward World Language credit for graduation. This full period class is designed for the native Arabic speaker. This course provides an opportunity for students to explore and develop their language skills in Arabic. Students will be taught reading, writing, literature, grammar, and composition.

Resources: Al-Saheeh Fe Al-Qira'a Wa Al Adab

Prerequisite: Successful completion of assessment

Arabic 10

Course Code: HS Arbc 10

Grade: 9 - 12

Credit: 1

Two Consecutive Semesters

This course fulfills the MOE Arabic requirement and counts toward World Language credit for graduation. This course is designed for the native Arabic speaker and is a continuation of Native Arabic 9. Students will continue to explore and develop their language skills in Arabic. Students will be taught reading, writing, literature, grammar, and composition.

Resources: Al-Saheeh Fe Al-Qira'a Wa Al Adab

Prerequisite: Successful completion of Native Arabic 9

Arabic 11

Course Code: HS Arbc 11

Grade: 9 - 12

Credit: 1

Two Consecutive Semesters

This course fulfills the MOE Arabic requirement and counts toward World Language credit for graduation. This course is designed for the native Arabic speaker and is a continuation of Native Arabic 10. Students will continue to explore and develop their language skills in Arabic. Students will be taught reading, writing, literature, grammar, and composition.

Resources: Al-Saheeh Fe Al-Qira'a Wa Al Adab

Prerequisite: Successful completion of Native Arabic 10

Arabic 12

Course Code: HS Arbc 12

Grade: 9 - 12

Credit: 1

Two Consecutive Semesters

This course fulfills the MOE Arabic requirement and counts toward World Language credit for graduation. This course is designed for the native Arabic speaker and is a continuation of Native Arabic 11. Students will continue to explore and develop their language skills in Arabic. Students will be taught reading, writing, literature, grammar, and composition.

Resources: Al-Saheeh Fe Al-Qira'a Wa Al Adab

Prerequisite: Successful completion of Native Arabic 11

Islamic Studies A

Course Code: HS IS 101

Grade: 9 - 12

Credit: 1

Two Consecutive Semesters

This course is taught in English and gives progressively more details on the subjects of (Tawheed, Hadeeth, Fiqh, Seerah, Quran, & Tafseer). Topics for discussion include: Importance of seeking knowledge: Hajj & Umrah (including a Umrah trip to Makkah) & their procedures: Review Salah/Taharah: clarifying the misconceptions about the concept of Jihad (struggle): Ramadhan & voluntary fasts: Good / Bad consequences of the tongue: Ruling on missed prayers / wiping on socks / taking oaths.

Resources: Textbook

Prerequisite: None

Arabic Electives

Arabic Independent Reading

Course Code: HS Arbc Reading

Grade: 9 - 12

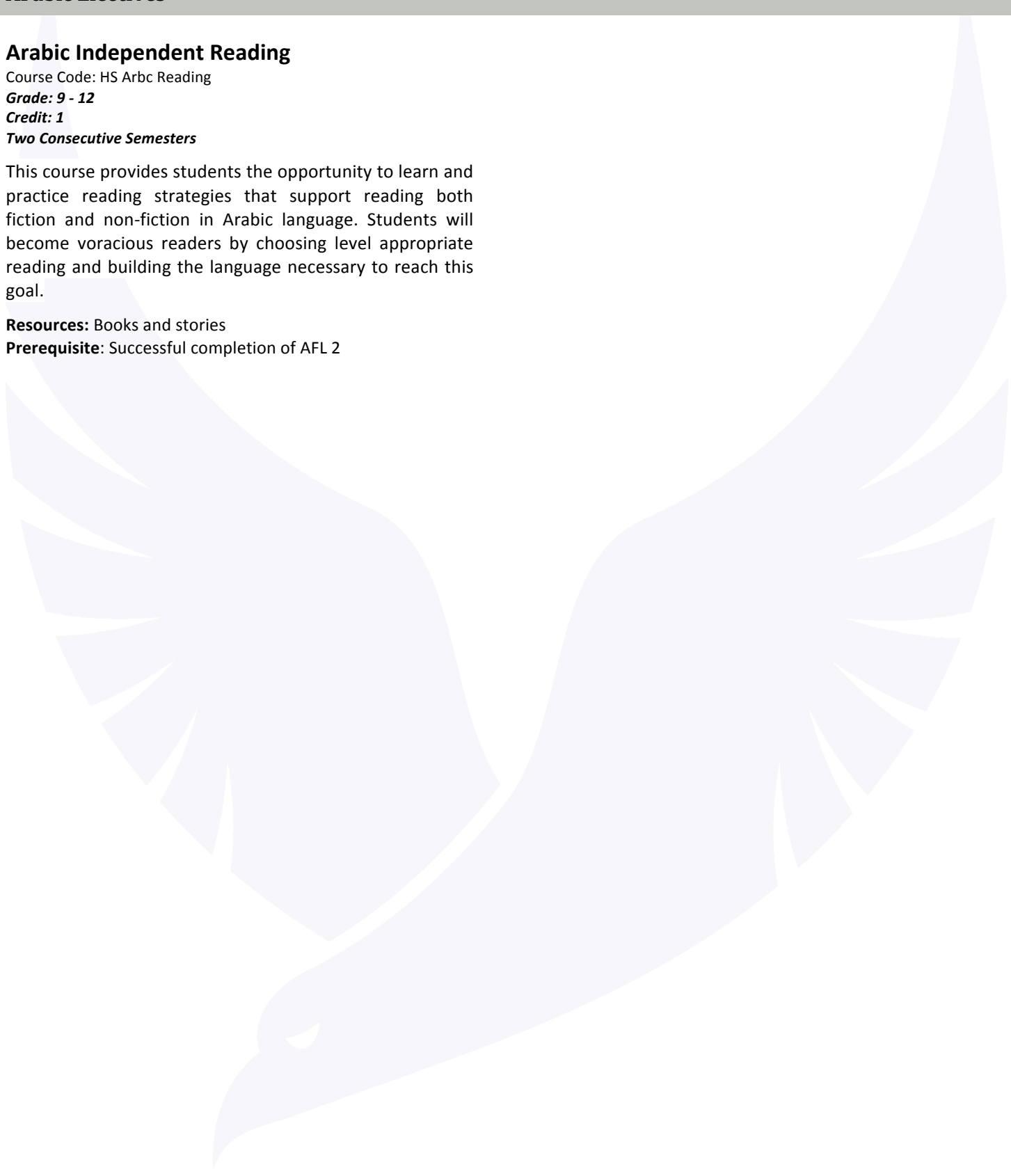
Credit: 1

Two Consecutive Semesters

This course provides students the opportunity to learn and practice reading strategies that support reading both fiction and non-fiction in Arabic language. Students will become voracious readers by choosing level appropriate reading and building the language necessary to reach this goal.

Resources: Books and stories

Prerequisite: Successful completion of AFL 2



Computer Science / Information Technology

Basic Applications

Course Code: HS CS 111

Grade: 9 - 12

Credit: 0.5

One Semester

This is an introductory course in computers and technology. Students will study the fundamentals of networking, hardware and software, troubleshooting, history of technology and educational media. Significant time will be allocated for the study of word processing, spreadsheet layout, and digital presentations utilizing MS Office.

Resources: Computers will be available to work on with Internet connection, or you may bring your own device

Prerequisite: None

Digital Media

Course Code: HS CS 221

Grade: 9 - 12

Credit: 0.5

One Semester

This course will focus on the use of computers and technology in today's media world. The topics covered will include bias in the media, video editing and film post-production, audio recording, editing and mixing, and some digital photo editing. While some knowledge of digital photography and videography is helpful, it is not required.

Resources: Computers will be available to work on with Internet connection, or you may bring your own device

Prerequisite: Successful completion of Basic Applications or its equivalent.

Graphic Web Design

Course Code: HS CS 321

Grade: 9 - 12

Credit: 0.5

One Semester

Students will gain an understanding of basic graphic design and an appreciation for the aesthetics of website design. Students will be tasked with creating their own website throughout the course using material from a variety of sources. Programs used include Adobe's Photoshop™, Illustrator™, and Dreamweaver™. Students will also be exposed to basic HTML programming.

Resources: Computers will be available to work on with Internet connection, or you may bring your own device

Prerequisite: Successful completion of Basic Applications

Introduction to Programming

Course Code: HS CS 421

Grade: 10 - 12

Credit: 0.5

One Semester

This introductory course will give students a hands-on learning experience with computer programming including exposure to different low and high level programming languages. Topics covered include history of basic computer programming, programming methodology, and practical applications of programming.

Resources: Computers will be available to work on with Internet connection, or you may bring your own device

Prerequisite: Successful completion of Basic Applications or its equivalent.

Introduction to Application Development

Course Code: HS CS 421

Grade: 10 - 12

Credit: 0.5

One Semester

This course is designed for beginners who are interested in developing apps for mobile devices. This course will cover the process behind designing, and creating apps that will become functional on Android based devices. The design process will be researched by students in terms of what makes a functional and useful app; MIT App Developer Two will be utilized to create apps. Once students reach an intermediate understanding of app creation, they will have the opportunity to begin learning code to make more sophisticated apps. This course will include a culminating activity that requires students to complete and publish an app that they have created of their own design. It would be beneficial, but not required for students to have an Android based device.

Resources: Computers will be available to work on with Internet connection, or you may bring your own device

Prerequisite: Successful completion of Basic Applications or its equivalent.

Course Fee: A non-compulsory fee for publishing finished apps to the Google Play Store

Robotics

Course Code: HS CS 441

Grade: 10 - 12

Credit: 0.5

One Semester

This STEM based class is an in-depth investigation of building and programming robots using the LEGO® Mindstorms™ NXT Robotics System. Students will learn construction and programming with the NXT intelligent brick using servo style motors, touch, light and ultrasonic sensors. Students will build a wide variety of robots and program them with a computer to move, react, and make sounds in order to solve challenges. Students work in pairs and small teams, sharing an NXT robotics kit and computer. This class is good preparation for students interested in robotics, engineering and computer programming. The course will culminate with students developing their own team projects and presenting those to the school.

Resources: LEGO® Mindstorms™ NXT Robotics System

Prerequisite: Algebra I

Course Fee: SAR 100

Video Production and Design

Course Code: HS CS 231

Grade: 10 - 12

Credit: 1

Two Consecutive Semesters

Video Production and Design will bring students from a basic understanding of types of shots and the fundamentals of video composition, through the design process, and the creation of original films. Topics will include storyboarding, script writing, animation, and special effects. Students will develop the skill necessary to film and edit video footage to produce film shorts as well as working as part of a crew to film and broadcast live events. *This course would follow Digital Media in the progression of courses in computer science.*

Resources: None

Prerequisite: Basic Apps (Digital Media recommended)

Autocad

Course Code: HS CS 521

Grade: 11 - 12

Credit: 0.5

One Semester

This fundamentals course is designed for the beginning AutoCAD user. The course will cover most 2D AutoCAD commands with instruction in the basic use of AutoCAD, a drafting software program. Students will begin to explore mechanical drawing, architectural drawing, and assembly and detail drawings. The class will also explore the use of AutoDesk 3d Max, which is a comprehensive 3D modeling, animation, and rendering solution used by architects, designers, civil engineers, and visualization specialists.

Resources: A laptop that meets the following system requirements: For 32-bit AutoCAD 2014, Windows® 8 Standard, Enterprise, or Professional edition, Windows® 7 Enterprise, Ultimate, Professional, or Home Premium edition ([compare Windows versions](#)), or Windows XP® Professional or Home edition (SP3 or later) operating system Or for 64-bit AutoCAD 2014; Windows 8 Standard, Enterprise, or Professional edition, Windows 7 Enterprise, Ultimate, Professional, or Home Premium edition ([compare Windows versions](#)), or Windows XP Professional (SP2 or later); Athlon 64 with SSE2 technology, AMD Opteron™ processor with SSE2 technology, Intel® Xeon® processor with Intel EM64T support.

Prerequisite: Before registration students must demonstrate installation of the software on their personal laptop, or student will be transferred to another elective course. Students in this course are required to download the 32-bit AutoCAD 2014 or the 64-bit AutoCAD 2014 and the Autodesk® 3ds Max® Design 2014.

STEAM

Course Code: HS STEAM 101

Grade: 11 - 12

Credit: 0.5

One Semester

The purpose of this course is to experience firsthand the process of discovery in recognizing real world problems and workings towards solutions of those problems. Students will engage in the process of construction, testing, and redesign in product development through hands-on activities. Topics under which the hand-based projects occur include the life sciences, physics, and chemistry. At the end of the course students will have developed novel and adaptive thinking, transdisciplinarity, a design mindset, collaborative skills, and new media literacy.

Resources: Resources are provided by the school.

Prerequisite: Teacher approval

Advanced Placement Computer Science

Principles

Course Code: APCompSci

Grade: 11 - 12

Credit: 1

Two Consecutive Semesters

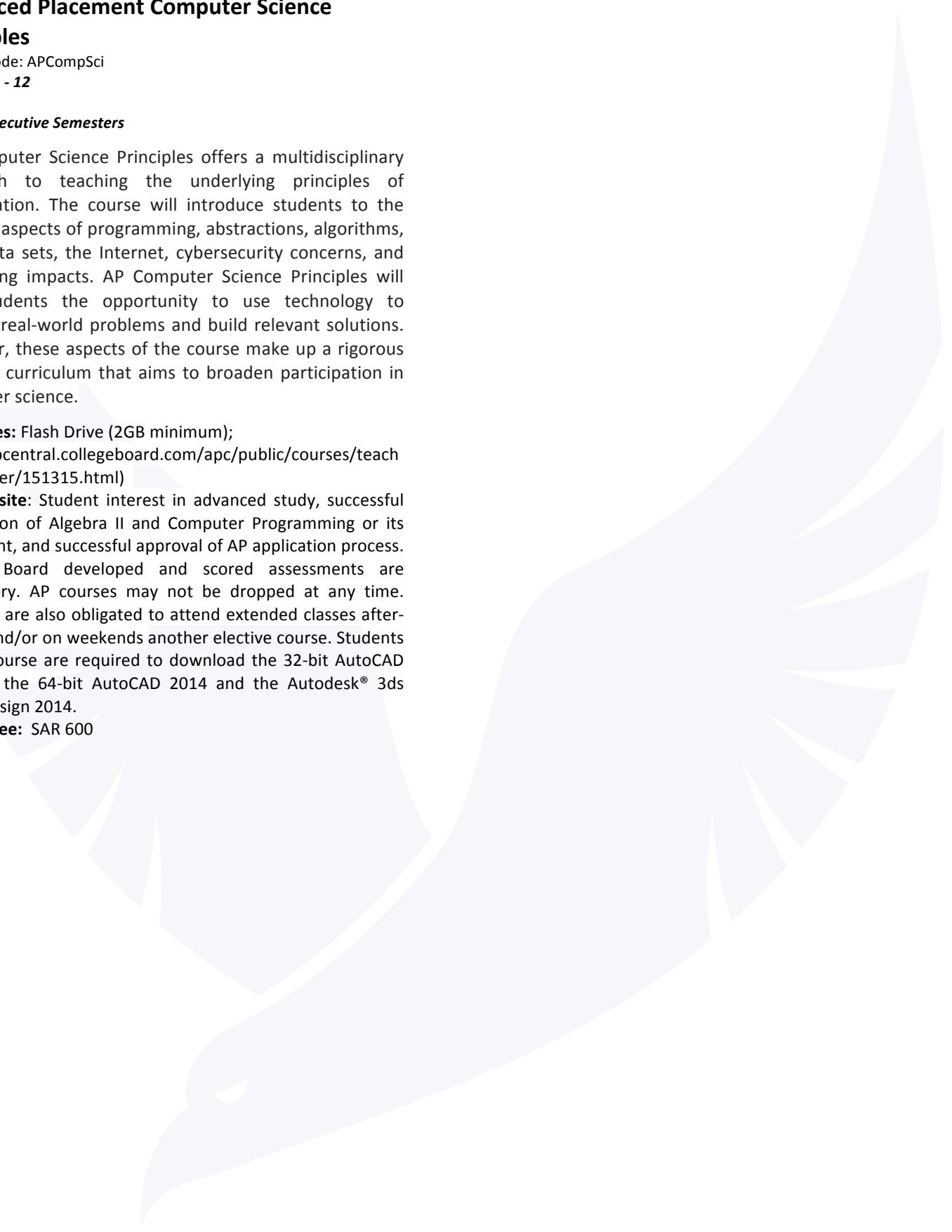
AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

Resources: Flash Drive (2GB minimum);

http://apcentral.collegeboard.com/apc/public/courses/teachers_corner/151315.html)

Prerequisite: Student interest in advanced study, successful completion of Algebra II and Computer Programming or its equivalent, and successful approval of AP application process. College Board developed and scored assessments are mandatory. AP courses may not be dropped at any time. Students are also obligated to attend extended classes after-school and/or on weekends another elective course. Students in this course are required to download the 32-bit AutoCAD 2014 or the 64-bit AutoCAD 2014 and the Autodesk® 3ds Max® Design 2014.

Course Fee: SAR 600



Fine and Performing Arts

Art Foundations

Course Code: HS Art 099

Grade: 9 - 10

Credit: 1

Two Consecutive Semesters

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. Each student will keep a sketchbook, complete in- and out-of-class assignments, begin a portfolio, and learn about art in a historical context. They will build upon concepts, principles and skills previously learned in art classes, and the elements of art and principles of design will be emphasized. Students are expected to explore art techniques and develop technical skills. Students will reinforce understanding of the elements of art and principles of design through classroom assignments and studio projects in a variety of media. Light and shade, line quality composition, surface manipulation, and the illusion of depth are drawing issues that will be executed through a variety of means including pencils, pastels, painting and mix media. Art as observation is emphasized. The body of artwork will be organized in a portfolio and sketchbook; and part of it will be exhibit.

Course Fee: 400 SAR

Film Studies

Course Code: HS Eng 271

Grade: 10 - 12

Credit: 0.5

One Semester

This semester elective course examines the various uses and applications of storytelling. Stories told with film have a tremendous influence on our attitudes and perceptions of the world around us. In fact, films may be one of the most powerful tools in modern culture for shaping values and conveying information. By viewing, studying, discussing and writing about film, students develop and demonstrate skills in technological, cultural, and media literacy, as well as critical thinking and problem solving - skills that will serve them well in the real world.

Resources: International Film Studies

Prerequisite: None

Interior Design and Architecture

Course Code: HS Art 401

Grade: 11 - 12

Credit: 0.5

One Semester

This course is designed to introduce students to basic concepts and principles of architecture and heighten their ability to experience spatial environments more fully. Students will be exploring the elements and principles of design and their application in interior design during the first quarter. The second quarter will engage students' creativity in execution of all elements in variety of principles of design in their art works. Students will explore 2D and 3D design and different mediums and develop 3D medium-size functional building models. Emphasis is given to individuals, ideas, movements, and works within their cultural, political, and artistic contexts. Students will continue investigation of a variety of architectural design methodologies through a series of design exercises. The studio exercises fundamental architectural skills and knowledge. The studio work aims to engage students in all aspects of building design, from site investigation and analysis, planning to the formal integration of structural, mechanical, functional and aesthetic aspect of the 3D building model and landscape. The course will combine on-site visits to local or international architectural landmarks and university faculty of architecture, presentation, visual and written journaling, and guest speakers.

Prerequisite: One credit visual arts; Successful completion of Studio Art I & II, and Advanced Studio Art I: Design and Drawing, Intermediate Studio Art I & II, and/or permission of teacher

Course Fee: SAR 200

Yearbook Design

Course Code: HS Eng 461

Grade: 10 - 12

Credit: 0.5

One Semester

Students will learn journalistic writing, editing, and basic production skills: news reporting, feature writing, entertainment writing, editorial writing, video editing, and video production. Students will improve social and verbal skills through interviewing and public speaking skills through broadcast/video presentations. Students will explore various modes of disseminating news including print, radio, television, and web and will develop strategies for disseminating school news and information to the AISJ faculty, staff, and student body.

Resources: PC computer labs, Adobe Programs (InDesign and Photoshop), Google Suite applications such as Google Docs and Presentations, and movie editing software such as MovieMaker

Prerequisite: Student interest

Islamic Art and Architecture

Course Code: HS Art 411

Grade: 9 - 12

Credit: 0.5

One Semester

This course examines Islamic art and architecture from the rise of Islam in the seventh century to the modern day and considers cross-cultural influences and contrasts between the Islamic world and Europe. Topics include the 'reluctance' towards figural imagery, regional mosque architecture, and book illumination. Studies acquire the capacity to recognize the shapes and aesthetic characteristics of each region and period of the arts of the Islamic Arts, and the ability to identify their common features as they interact with other cultural expressions. Knowledge of techniques and formal features generated in the Islamic context and of the physical, socio-political, religious, historical and geographical environment of which they are characteristic. Presentation of the different facets of the art of Islam since the origins up to the Ottoman and nowadays extension. Accent put on the architectural typologies, the stylistic trends of figurative arts, the mutual influences of the West and the antique heritage. Students will explore patterns in Islamic Arts, drawing diagrams, analysis of evolution in styles, mediums and materials.

Prerequisite: None

Course Fee: SAR 200

Advanced Placement Studio Art – 2D Design Portfolio

Course Code: AP Art Dsgn

Grade: 11 - 12

Credit: 1

Two Consecutive Semesters

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

Prerequisite: Students must apply for entrance into this class through the AP application process.

Course Fee: SAR 2000

Advanced Placement Studio Art – Drawing Portfolio

Course Code: APArtDraw

Grade: 11 - 12

Credit: 1

Two Consecutive Semesters

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

Prerequisite: Student interest in advanced study and successful approval of AP application process. There is an extra fee for enrollment and College Board developed and scored assessments are mandatory. AP courses may not be dropped at any time. Students are also obligated to attend extended class after-school and/or on weekends.

Course Fee: SAR 2000

Music Appreciation

Course Code: HS Mus 099

Grade: 9 - 12

Credit: 0.5

One Semester

This course is designed to introduce students to the discipline of the fundamentals of music. It will also provide an introduction to the basic elements of music theory, note reading, music appreciation, music history, and composition through the study of the elements of music by listening to and analysis of representative musical works. We will survey major music forms and stylistic periods from the Middle Ages through the present. The aim is for the student to develop a sincere appreciation for and understanding of music, both to its content and role in Western Civilization as well as to motivate the student to explore music further on their own. The student will also develop the vocabulary to intelligently discuss music. By the end of the course, the student will have developed the necessary music knowledge and listening skills to accomplish the above.

Prerequisite: Student interest

Beginning Band

Course Code: MUS 500

Grade: 9 - 12

Credit: 1

Two Consecutive Semesters

These classes could accept students with no experience or less than a year's experience, with limited ability will be put in this class. Learn the fundamentals of your brass, woodwind or percussion instrument. The course focus will be on dynamics, sound production, rhythms, note reading and group performance.

Resources: Beginning Concert Band Standards of Excellence Bk. 1 and level appropriate concert pieces

Prerequisite: Advanced levels need to have completed Beginner level or equal ability

Symphonic Band

Course Code: HS Mus 701

Grade: 9 - 12

Credit: 1

Two Consecutive Semesters

Joining this class is a yearlong commitment. This band is designed for the student who has had experience for 2 or more years with instrumental music. This class will provide opportunities for students to develop a more mature tone quality using advanced techniques. A variety of music will be performed throughout the year and students. Band is a performance-based class, and active participation in scheduled concerts is required.

Prerequisite: Students should be able to read music.

Advanced String Ensemble

Course Code: Mus 801

Grade: 10 - 12

Credit: 1

Two Consecutive Semesters

String Ensemble is a performance group open to all students who have some beginning to advanced experience on one of the four orchestral string instruments: violin, viola, cello, or double bass. Emphasis will be placed on improving orchestral and ensemble playing techniques. Students will be required to attend Full Orchestra rehearsals and performance outside the regular school day.

Prerequisite: Open to all students who have some beginning to advanced experience on one of the four orchestral string instruments: violin, viola, cello, or double bass.

Choir

Course Code: HS Mus 101

Grade: 9 - 12

Credit: 0.5

One Semester

This is a one-semester course designed to provide an atmosphere of the enjoyment, appreciation and performance of all types of choral music. The Choir performs at various venues, including the AISJ Winter and Spring Concerts, graduation ceremonies and other special events. Attendance at these performances and dress rehearsals are a course requirement. Choir members receive individualized instruction in sectional lessons in addition to regular choir rehearsals. After the completion of Choir all students will have had instruction, practice and performance utilizing all of the elements of study outlined here. The successful completion of all the activities will provide the student with a detailed view of the foundations of performance and study in choral singing. Vocal skill is a must.

Prerequisite: Student interest

Concert Choir

Course Code: HS Mus 301

Grade: 9 - 12

Credit: 1

Two Consecutive Semesters

Students will study and sing a variety of styles of music. Musicianship skills will develop through daily singing, vocal blending, reading and listening. Choir is a performance-based class, and active participation in concerts is required. Rehearsals may include Fridays or Saturdays.

Prerequisite: By audition only

Select Choir

Course Code: HS Mus 401

Grade: 9 - 12

Credit: 1

Two Consecutive Semesters

This is a one-semester course designed to provide an atmosphere of the enjoyment, appreciation and performance of all types of choral music. Select Choir is AISJ's most advanced choir in which instruction and improvement of voice quality, intonation, ability to read music, ability to sight-sing, and the overall development of musicianship is stressed in conjunction with the learning of each piece of music. The choir performs at various venues, including the AISJ Winter and Spring Concerts, graduation ceremonies and other special events. Attendance at these performances and dress rehearsals is a course requirement. Choir members receive individualized instruction in sectional lessons in addition to regular choir rehearsals. After the completion of Select Choir all students will have had instruction, practice and performance utilizing all of the elements of study outlined here. The successful completion of all the activities will provide the student with a detailed view of the foundations of performance and study in choral singing. Vocal skill is a prerequisite for this course and auditions will be held by the choir director in order to uphold the high standards of the choir.

Prerequisite: By audition only

Theatre

Course Code: HS TA 101

Grade: 9 - 12

Credit: 0.5

One Semester

This course allows students to discover theatre dealing with issues of stage fright and poise on stage. Students are introduced to acting basics such as improvisation, pantomime, stage directions, and using your dramatic voice. Students will perform group and individual projects mastering skills of character development and plot advancement.

Resources: Students will use a variety of online resources such as video, script, and monologue websites, and script analysis and storyboard templates.

Prerequisites: None

Theatre Arts

Course Code: HS TA 201

Grade: 9 - 12

Credit: 0.5

One Semester

An in-depth course on acting where students explore script analysis, actor motivation, and acting objectives. Students will also be introduced to directing and play production elements. Finally, skills will be developed in acting leadership and envisioning design.

Resources: Students will use video and editing basics (on personal cameras and tablets/laptops) along with Internet resources for scripts and script-writing software.

Prerequisites: Successful completion of Theatre.

Theatre Production and Stagecraft

Course Code: HS TA 301

Grade: 9 - 12

Credit: 0.5

One Semester

Introduction and skill development of all non-acting elements of theatre, which go into producing a play. Students will discover theatrical make-up, costuming, sound, lighting, stage design, props, and promotions. This project-based class will equip students to manage, train, and lead production teams.

Resources: Fabric and sewing materials, sound system and light board, computer for promotions, stage make-up, and other miscellaneous items students will bring from home.

Prerequisites: None

Advanced Acting and Creative Expression

Course Code: HS TA 401

Grade: 9 - 12

Credit: 0.5

One Semester

This course is a high level acting and performance course in which students will be exposed to theatrical performance creation, both scripted and devised, and will have opportunities to explore their personal passions in the performance arts such as acting, dancing, and musical theatre. The course culminates in student performances of their creations.

Resources: Devised work, self-penned & collaborative scripts

Prerequisites: Successful completion of Intro to Theatre 101 & 201. You may also enter the course through a personal audition or by recommendation from the theatre teacher.

General Electives

Office Assistant

Course Code: HS Msc 101

Grade: 11 - 12

Credit: 0.5

One Semester

This course is a pass/fail opportunity for students to assist in various school offices instead of taking a standard class. Some of the offices students will be assigned to help in are: the high school office, middle school office, elementary office, library, and the nurse's office. Students will be asked to help with a variety of tasks and skills from creating bulletin boards, research, to delivering messages and retrieving students, to organizational task. Students are asked to come each day ready to help and on the rare occasion when there is nothing assigned, students can do their own class assignments.

Prerequisites: Only open to seniors who have a minimum grade point average of 3.0 and who are not scheduled for a flex period. Students must be responsible, reliable and trustworthy. Confidentiality is a must. Counselor and Principal's approval is needed for placement. A contract is signed that delineates specific expectations for an office assistant.

Peer Advisory Leadership Program

Course Code: HS Msc 351

Grade: 11 - 12

Credit: 0.5 (graded course)

One Semester

Students will be responsible for working directly with a teacher or a specific student in the elementary or middle school. Under the guidance of the teacher/mentor, students are responsible for creating lesson plans, working one-on-one with students, researching relevant learning and/or teaching strategies, and offering mentoring/coaching, help with coursework, and strategies for organization and study skills. Some students may be assigned to work with students with special needs, or students who are struggling academically, socially, and emotionally. This is a position that requires someone who is responsible, empathetic, and hard working, and has a good rapport with younger students.

Prerequisites: Only open to juniors and seniors who have demonstrated a high level of character, maturity, and empathy. Students must be responsible, reliable and trustworthy. Confidentiality is a must. Counselor and Principal's approval is needed for placement.



AISJ Course Catalog

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