

*“Learners inspiring learners to be inquisitive in life,
principled in character, and bold in vision”*



THE HIGH SCHOOL

COURSE DESCRIPTION HANDBOOK

2018-2019

Upper School **HONOR CODE**

We, as students of the American School of Brasilia, give our pledge to live by the guiding principles of responsibility and respect in all that we say and do. We understand that these values carry far beyond the classroom environment, affecting not only our peers and the activities we participate in, but who we are and who we will become. We commit to treat all people with compassion, be engaged and collaborative in all aspects of our education, and in all cases act with honor and integrity. We will uphold these values as the core of our identity, hence becoming principled individuals and contributing citizens to society.

This handbook is meant to guide students and parents through the scheduling process that begins each year in November. The options for both core classes and electives for students at each grade level are below as is an overview of the number of credits necessary for graduation for both the United States and Brazilian diplomas.

HIGH SCHOOL CREDITS AND MINIMUM GRADUATION REQUIREMENTS

To graduate from the American School of Brasilia a student must earn the American Diploma through the completion of the following courses:

- Complete 30 courses in grades 9-12;
- Earn 24 credits in the specific subjects below;
- Be enrolled in eight classes during grades nine and ten;
- Be enrolled in at least seven classes in grades 11 and 12

In exceptional circumstances the pathway to earning the American Diploma may be altered to accommodate extraordinary individual student needs. The Upper School Principal will make final decisions in such cases. To graduate with the Brazilian Diploma students must earn 22 credits through the completion of the following courses:

- For the Brazilian Diploma, credits are based on 3 years, grades 10-12;
- During grades 10-12 students must complete one year of each science course offered at EAB: Biology, Chemistry, Physics.

For IB Diploma courses and full IB Diploma, students must meet the requirements as outlined by the International Baccalaureate Organization (IBO). Students are able to meet the requirements for all three diplomas through careful planning with their Counselor, the Brazilian Studies Director and IB Coordinator.

All students in Grades 11 and 12 are expected to complete an IB course in English and Mathematics. All Brazilian students are also expected to complete an IB course in Brazilian Social Studies and Portuguese. To receive credit for the course the student must take the final IB exam in May of his or her senior year.

US Diploma Grades 9-12 24 Credits		Brazilian Diploma Grades 10-12		IB Diploma
English	4	Portuguese	3	Language and Literature
Math	3	Math	3	Mathematics
Science	3	Science (Chemistry, Biology, Physics for non full IB diploma - one each school year) Full IB Diploma: - 2 Sciences (Grade 10) - 1 Science (Grades 11 and 12)	3	Sciences
Social Studies	3	Social Studies (BSS 10, IBBSS11, IBBSS12)	3	Individuals and societies
Arts	1	Arts (IB DP Students are recommended to take in Grade 10)	1	The Arts
Physical Education	2	Physical Education (Varsity Sports outside of school or EAB after school activities - students need to fill out the varsity form each quarter)	3	N/A
Foreign Language	4	English (Foreign Language)	3	Language acquisition
Electives	4	Philosophy/Sociology (TOK will fulfill this requirement ONLY for Full IB DP Students. This is not the same curriculum required for the vestibular.)	3	Diploma Core: Extended Essay, CAS and Theory of Knowledge (these must be completed successfully for the IB Diploma to be awarded)

The charts below outline the High School course options available to students at each grade level in the International and Brazilian Programs. For Grade 11 and 12, the course options available are listed for students in these programs who are following the IB Diploma Courses track and the IB Diploma track. Please refer to the graduation requirements listed above to see which courses are necessary to meet the requirements of each program. Choose one course from each subject area unless otherwise stated.

GRADE 9

International		Brazilian	
English	English 9	English	English 9
Math	Integrated Math 1,2 or 3	Math	Integrated Math 1,2 or 3
Social Studies	Modern World History	Social Studies	Modern World History
Sciences (choose up to two)	Chemistry, Physics or Biology	Sciences (choose up to two)	Chemistry, Physics or Biology
Portuguese	PLL 1,2,3 or Transitions	Portuguese	Portuguese 9
Arts (choose up to two)	Art Themes, Theatre, Theatre Productions, Digital Media, HS Design, Concert Band, Choir	Arts (choose up to two)	Art Themes, Theatre, Theatre Productions, Digital Media, HS Design, Concert Band, Choir
Physical Education	PE Boys / PE Girls	Physical Education	PE Boys / PE Girls

GRADE 10

International		Brazilian	
English	English 10	English	English 10
Math	Integrated Math 1,2 or 3	Math	Integrated Math 1,2 or 3
Social Studies	Political Philosophy	Social Studies	BSS10
Sciences (choose up to two)	Chemistry, Physics or Biology	Sciences (choose up to two)	Chemistry, Physics or Biology
Portuguese	PLL 1,2,3 or Transitions	Portuguese	Portuguese 10
Arts (one required, may choose up to two)	Art Themes, Theatre, Theatre Productions, Digital Media, HS Design, Concert Band, Choir	Arts (one required, may choose up to two)	Art Themes, Theatre, Theatre Productions, Digital Media, HS Design, Concert Band, Choir
Physical Education	PE Boys / PE Girls	Physical Education	PE Boys / PE Girls or Varsity
Electives	(See Arts)	Philosophy & Sociology	Philosophy & Sociology 10

IB COURSES TRACK

GRADE 11

International		Brazilian	
English	IB English Literature HL Y1, IB English Language and Literature HL/SL Y1	English	IB English Literature HL Y1, IB English Language and Literature HL/SL Y1
Math	IB Math Studies SL Y1, IB Mathematics HL/SL Y1	Math	IB Math Studies SL Y1, IB Mathematics HL/SL Y1
Social Studies	IB History HL/SL Y1 or IB Economics HL/SL Y1	Social Studies	IB BSS 11 (Required), IB History HL/SL Y1 or IB Economics HL/SL Y1
Sciences	IB Chemistry HL/SL Y1, IB Physics HL/SL or IB Biology HL/SL Y1, (non-IB) Chemistry, (non-IB) Physics or (non-IB) Biology	Sciences	IB Chemistry HL/SL Y1, IB Physics HL/SL or IB Biology HL/SL Y1, (non-IB) Chemistry, (non-IB) Physics or (non-IB) Biology
Language Acquisition	IB Portuguese B HL/SL Y1, IB Spanish Ab initio SL Y1, PLL 1,2,3 or Transitions	Portuguese	IB Portuguese Language and Literature HL/SL Y1
Arts	IB Film Studies HL/SL Y1, IB Visual Arts HL/SL Y1, Art Themes, Theatre, Theatre Productions, Digital Media, HS Design, Concert Band, Choir	Arts	IB Film Studies HL/SL Y1, IB Visual Arts HL/SL Y1, Art Themes, Theatre, Theatre Productions, Digital Media, HS Design, Concert Band, Choir
Physical Education	PE Boys/ PE Girls or Varsity Sports	Physical Education	PE Boys/ PE Girls or Varsity Sports
Electives	Students may choose from Arts, Social Studies Sciences	Philosophy & Sociology	Philosophy & Sociology 11

GRADE 12

International		Brazilian	
English	IB English Literature SL/HL Y2, IB English Language and Literature SL Y2	English	IB English Literature SL/HL Y2, IB English Language and Literature SL Y2
Math	IB Math Studies SL Y2, IB Mathematics HL/SL Y2	Math	IB Math Studies SL Y2, IB Mathematics HL/SL Y2
Social Studies	IB History HL/SL Y1 or IB Economics HL/SL Y2	Social Studies	IB BSS 12 (Required), IB History HL/SL Y1 or IB Economics HL/SL Y2
Sciences	IB Chemistry HL/SL Y2, IB Physics HL/SL Y2 or IB Biology HL/SL Y2, (non-IB) Chemistry, (non-IB) Physics or (non-IB) Biology	Sciences	IB Chemistry HL/SL Y2, IB Physics HL/SL Y2 or IB Biology HL/SL Y2, (non-IB) Chemistry, (non-IB) Physics or (non-IB) Biology
Language Acquisition	IB Portuguese B Y2, IB Spanish Ab initio Y2, PLL 1,2,3 or Transitions	Portuguese	IB Portuguese Language and Literature HL/SL Y2
Arts	IB Film Studies HL/SL HL/SL Y2, IB Visual Arts HL/SL Y2, Art Themes, Theatre, Theatre Productions, Digital Media, HS Design, Concert Band, Choir	Arts	IB Film Studies HL/SL Y2, IB Visual Arts HL/SL Y2, Art Themes, Theatre, Theatre Productions, Digital Media, HS Design, Concert Band, Choir
Physical Education	PE Boys/ PE Girls or Varsity Sports	Physical Education	PE Boys/ PE Girls or Varsity Sports
Electives	Choose from Arts, Social Studies, Sciences or Study Hall	Philosophy & Sociology	Theory of Knowledge (TOK) Y2

IB DIPLOMA TRACK

GRADE 11

International		Brazilian	
English	IB English Literature HL Y1, IB English Language and Literature SL Y1	English	IB English Literature HL Y1, IB English Language and Literature SL Y1
Math	IB Math Studies SL, IB Mathematics HL/SL	Math	IB Math Studies SL, IB Mathematics HL/SL
Social Studies	IB History HL/SL Y1 or IB Economics HL/SL Y1	Social Studies	IB BSS 11 (Required), IB History HL/SL Y1 or IB Economics HL/SL Y1
Sciences	IB Chemistry HL/SL Y1, IB Physics HL/SL or IB Biology HL/SL Y1	Sciences	IB Chemistry HL/SL Y1, IB Physics HL/SL or IB Biology HL/SL Y1
Language Acquisition	IB Portuguese B HL/SL Y1, Spanish Ab initio SL Y1	Portuguese	IB Portuguese Language and Literature HL/SL Y1
Arts	IB Film Studies HL/SL HL/SL Y1, IB Visual Arts HL/SL Y1 or one from Sciences or Social Studies	Arts	IB Film Studies HL/SL Y1, IB Visual Arts HL/SL Y1 or one from Sciences or Social Studies
Core	Theory of Knowledge (TOK) Y1	Core	Theory of Knowledge (TOK) Y1
Physical Education	Varsity Sports (if PE requirements not previously met)	Physical Education	Varsity Sports

GRADE 12

International		Brazilian	
English	IB English Literature HL/SL Y2, IB English Language and Literature SL Y2	English	IB English Literature HL/SL Y2, IB English Language and Literature SL Y2
Math	IB Math Studies SL, IB Mathematics HL/SL	Math	IB Math Studies SL, IB Mathematics HL/SL
Social Studies	IB History HL/SL Y2 or IB Economics HL/SL Y2	Social Studies	IB History HL/SL Y2 or IB Economics HL/SL Y2
Sciences	IB Chemistry HL/SL Y2, IB Physics HL/SL Y2 or IB Biology HL/SL Y2	Sciences	IB Chemistry HL/SL Y2, IB Physics HL/SL Y2 or IB Biology HL/SL Y2
Language Acquisition	IB Portuguese B HL/SL Y2, IB Spanish Ab initio SL Y2	Portuguese	IB Portuguese Language and Literature HL/SL Y2
Arts	IB Film Studies HL/SL Y2, IB Visual Arts HL/SL Y2 or one from Sciences or Social Studies	Arts	IB Film Studies HL/SLL Y2, IB Visual Arts HL/SL Y2 or one from Sciences or Social Studies
Core	Theory of Knowledge (TOK) Y2	Core	Theory of Knowledge (TOK) Y2
Physical Education	Varsity Sports (if PE requirements not previously met)	Physical Education	Varsity Sports

THE HIGH SCHOOL

ENGLISH PROGRAM

Overview:

The High School English Program begins in grade nine and culminates with one of four IB English courses in grades 11 and 12. Each course is designed to consolidate and extend the work done in the previous year and to develop in-depth knowledge and skills in reading, writing, listening, speaking, and viewing. Students are encouraged to think critically, creatively and collaboratively, and to understand the real-world necessity for refined language arts skills. In grades 11 and 12, all EAB students will take IB English courses, so the goal of grades 9 and 10 is to prepare them for the rigor of these IB courses.

Standards:

Common Core (grades 9 and 10)

International Baccalaureate (grades 11 and 12)

English 9 (0109)

English 9 begins the preparation for IB, enhancing key skills such as inferential reading and textual analysis at a high level. The course is designed to introduce students to the nature of narrative, both classic and contemporary, and to demonstrate the thematic connections found across time, geography and genre within the literary tradition. The course seeks to build a foundation for literary study by familiarizing students with the plots, characters and ideas of some of the world's seminal texts, together with the acquisition of literary terminology to address the impact of a writer's stylistic choices. These texts include a play by Shakespeare, approached as dramatic verse and as theatrical performance, in addition to several modern novels. Given the IB's extension of options to incorporate new textualities in 21st century literacy, students will also be exposed to a wide-range of short stories, poems (including traditional and contemporary forms) for which they will respond both critically, as writers, and creatively, participating in a Poetry Outloud Competition involving recitation from memory, magazine and news articles and, finally, assorted song lyrics that engage with the ideas found in the course's anchor texts.

English 10 (0110)

The Grade 10 English class continues the preparation for IB, enhancing key skills such as inferential reading and textual analysis at a high level. The course is designed to prepare students for the IB English program and beyond by focusing on increasing understanding and appreciation of various literary forms, traditions and genres. From the classical world to the modern era, students will be encouraged to critically analyze texts with a specific focus on close reading skills and argumentative analysis. The course, moreover, has been designed to use a range of texts from different genres, periods and cultures in order to maximize the variety of approaches to texts in preparation for either IB Literature or IB Language and Literature. As such, the definition of "text" will be explored, as students will

go outside the traditional canon to explore visual texts and marginalized voices in society. Together with the exploration of more traditional literary texts, non-fiction writing such as essays, newspaper and magazine articles, and advertisements will also be considered and the ways in which differences of audience, purpose and tone affect the form of the writing. This exploration of texts, encouraged in various ways, will cultivate confidence and growth in both written and spoken usage. The class will heavily focus on students' writing skills, both analytically and with the exploration of their voices as writers.

The International Baccalaureate Program: Group One

IB Language and Literature Year 1: Standard Level: (0050)

This is the first year of a two-year program that delves into the critical study and interpretation of written and spoken texts from a wide range of literary and non-literary genres. The formal analysis of texts is supplemented by awareness that meaning is not fixed but can change with respect to contexts of production and consumption. The course is organized into four parts (over two years), each focused on the study of either literary or non-literary texts. Together, the four parts of the course allow the student to engage with English through its cultural development and use, its media forms and functions and its literature. Students develop skills of literary and textual analysis, and also the ability to present their ideas effectively. A key aim is the development of critical literacy.

IB Language and Literature Year 2: Standard Level: (0051)

This is the second year of the two-year program where the syllabus content is completed. Paper 1 is focused on the written analysis of one of two unseen non-literary texts. Paper 2 is a response to one of six questions, an essay based on two literary texts studied. In addition, students will have completed a portfolio of at least three written tasks based on course material, submitting one for external assessment. Students will finish the course with the external IB exams in May.

IB Language and Literature Y1: Higher Level

This is the first year of a two-year program that delves into the critical study and interpretation of written and spoken texts from a wide range of literary and non-literary genres. The formal analysis of texts is supplemented by awareness that meaning is not fixed but can change in respect to contexts of production and consumption. The course is organized into four parts (over two years), each focused on the study of either literary or non-literary texts. Together, the four parts of the course allow the student to English through its cultural development and use, its media forms and functions and its literature. Students develop skills of literary and textual analysis, and also the ability to present their ideas effectively. A key aim is the development of critical literacy.

IB Literature Year 2: Standard Level (0117)

This is the second year of the two-year program where the syllabus content is completed. The focus will be on part 2, the detailed study. This part of the syllabus will be assessed orally through the individual oral commentary (IOC) which is 15% of the student's final IB score. In addition there will be a focus on part 3, the genre study. This part of the syllabus will be assessed in paper 2. Paper 2 is an essay on literary conventions of the genre studied

and is 25% of the student's final IB score. Students will complete the course with the external IB exams in May.

IB Literature Year 1: Higher Level (0114)

This is the first year of a two-year program that aims to promote an appreciation of the wealth and subtleties of literature. It promotes an awareness of linguistic and narrative structures, and leads to an advanced appreciation of literature as a work of art and authors as craftspeople whose methods of production can be analyzed in a variety of ways and on a number of levels. The focus of assessment for year one is preparation for the Individual Oral Presentation (15% of the final score) in the first semester, and for the Written Assignment (25% of the final score) in the second semester. This course covers 13 works studied across two years and includes works in translation, detailed study, literary genre and options where works are freely chosen.

IB Literature Year 2: Higher Level (0115)

This is the second year of the two-year program and is focused on part 3, the genre study. In part 3, a group of works selected from the same literary genre is studied in depth. This part of the syllabus will be assessed in paper 2, one of two final exams at the end of year. Paper 2 is an essay on literary conventions of the genre studied and is 25% of the student's final IB score. Students will then sit the external IB exam in May.

THE HIGH SCHOOL

MATHEMATICS PROGRAM

Overview:

Mathematics is a language and a tool to approach and solve real world problems and help us understand the world around us. As a department, we work with the students to help them learn important mathematical principles and how they are connected to one another, the world, and their prior knowledge. EAB uses an integrated math approach, meaning that students are involved in all areas of mathematics each year.

Standards:

Common Core Standards - Mathematics

International Baccalaureate Standards (gr. 11 - 12)

Integrated Mathematics 1 (0366)

Prerequisite: Successful completion of math 8.

Required material: Graphing Calculator

Topics covered include: Solving equations and inequalities, functions, linear functions,

systems of equations and inequalities, exponential and rational functions, data analysis, tools of geometry, transformations, and connecting algebra and geometry. The course culminates with a final exam.

Integrated Mathematics 2 (0367)

Prerequisite: Successful completion of Integrated Math 1.

Required material: Graphing Calculator

Topics covered include: Probability, properties of exponents, polynomials and factoring, quadratic functions, lines and angles, mathematical proof, congruent and similar triangles, trigonometry and circles. The course culminates with a final exam.

Integrated Mathematics 3 Honors (0371)

Prerequisite: Successful completion of Integrated Math 2.

Required material: Graphing Calculator

Topics covered include: The main topic of the course is functions. Specifically we will look at polynomial functions, rational functions, radical functions, exponential and logarithmic functions, trigonometric functions and applications, sequences and series, and probability and statistics. The course culminates with a final exam.

The International Baccalaureate Program: Group Five

IB Math Studies Year 1: Standard Level (0316)

Prerequisite: Successful completion of Integrated Math 2 and teacher recommendation.

Required material: Graphing Calculator

This is the first course of a two-year program that prepares a student to take the IB Math Studies exam. In this course we will review some skills learned in earlier courses and then move into the topics of sequences and series, applied and descriptive statistics, probability, sets, logic, and normal distribution. The course culminates with a final exam.

IB Math Studies Year 2: Standard Level (0319)

Prerequisite: Successful completion of IB Math Studies, Year 1 and teacher recommendation.

Required material: Graphing Calculator

This is the second course of a two-year program that prepares a student to take the IB Math Studies exam. In this course we will continue our work with functions moving into exponential functions, review geometry, trigonometry and end with a look at differential calculus. This course also requires a study of a mathematical concept, which is the Internal Assessment component. The course culminates with external exams in May.

IB Mathematics Year 1: Standard Level (0317)

Prerequisite: Successful completion of Integrated 3 honours or teacher recommendation

Required material: Graphing Calculator

This is the first year course of a two year program. The IB DP mathematics standard level (SL) course focuses on introducing important mathematical concepts through the development of mathematical techniques. The intention is to introduce students to these concepts in a comprehensible and coherent way, rather than insisting on the mathematical rigour required for mathematics HL. Students should, wherever possible, apply the mathematical

knowledge they have acquired to solve realistic problems set in an appropriate context.

IB Mathematics Year 2: Standard Level (0318)

Prerequisite: Successful completion of IB Maths SL Year 1.

Required material: Graphing Calculator

This is the second year of a two-year program which will continue to complete the syllabus. The internally assessed exploration offers students the opportunity for developing independence in their mathematical learning. Students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas. The exploration also allows students to work without the time constraints of a written examination and to develop the skills they need for communicating mathematical ideas. Students will have final exams in May.

IB Mathematics Year 1: Higher Level (0333)

Prerequisite: Successful completion of Integrated Math 3 Honors and Teacher Recommendation.

Required material: Graphing Calculator

This is the first year of a two-year program. Topics covered include functions and applications of functions, trigonometry and trigonometric functions, sequences and series, vectors and vector applications, differential calculus, and probability - an introduction to mathematical exploration. The course culminates with a final exam.

IB Mathematics Year 2: Higher Level (0334)

Prerequisite: Successful completion of IB Mathematics HL I.

Required material: Graphing Calculator

This is the second year of a two-year program. Topics covered include integral calculus and applications, statistics, probability, the HL optional topic and the internal assessment - a mathematical exploration. The course culminates with external exams in May.

THE HIGH SCHOOL

SCIENCE PROGRAM

Overview:

In the High School at EAB, students explore physics, chemistry, and biology. Students understand relationships between scientific fields, the application and impact of scientific knowledge on society and the environment. Students analyze patterns, systems, stability, and changes in nature; construct and deconstruct meaning; and understand the connection between structure and function. Students gain an awareness of ethical implications in science, which allows them to critically evaluate the world around them and be environmental stewards who are principled in their actions.

Standards:

Next Generation Science (NGSS)

International Baccalaureate Standards (IB)

Biology (0410)

Option for grades 9-12

Biology is an introduction to the study of living things and their interdependence with the environment. It will emphasize the development of student's practical scientific skills and laboratory techniques, which they will use to investigate, study, analyze, and explain the world around them and understand how biology impacts their daily lives.

Topics covered include: exploring biological science as a process, interdependent relationships in ecosystems, cycles of matter and energy, genetics and heredity, natural selection and evolution, and an introduction to structure and function on a cellular and organismal scale.

Physics (0412)

Option for grades 9-12

The course is an introduction to the study of the constitution of matter and its behavior. It will emphasize the development of student's practical scientific skills and laboratory techniques, which they will use it to investigate, study, analyze, and explain the world around them and understand how physics impacts their daily lives. Students will complete an individual research and development project.

Topics covered include: forces and interactions, mechanics, cyclical motion, energy production, waves, imaging, electromagnetism, and thermodynamics.

Chemistry (0411)

Option for grades 9-12

Chemistry at EAB is an introduction to the study of matter with a focus on environmental chemistry. The course will emphasize the development of skills and laboratory techniques, necessary to investigate how human impact on the environment. Instructional topics include:

Nuclear Chemistry and Atomic Structure, The Periodic Table, Bonding, Chemical Kinetics, and Energetics. Environmental issues will be immersed in the topics include: nuclear power, plastic pollution, recycling, climate change, ozone depletion and water as a limited resource.

The International Baccalaureate Program: Group Four

IB Biology Year 1: Standard Level (0432)

Option for grade 11-12 (exceptional grade 10 only with teacher recommendation, schedule permitting)

Biology is the study of life. The vast diversity of species makes biology both an endless source of fascination and a considerable challenge. Throughout the course, a laboratory, hands-on program, will support student learning emphasizing the scientific method, experiment design and data analysis. In the SL-1 course, students will be expected to complete 20 hours of lab work. Topics covered include: basic chemistry, the cell, photosynthesis, respiration, genetics, DNA, evolution, organisms, taxonomy, human body, and ecology. Students who complete two full years of the course will be eligible to take the official IB exam in May.

IB Biology Year 2: Standard Level (0433)

Option for grade 11-12

Prerequisite: Successful completion of IB Biology SL Year 1

Throughout this course, a laboratory based, hands-on program, will support student learning emphasizing the scientific method, experiment design and data analysis. Students who complete two full years of the course will be eligible to take the official IB exam in May. Students will be expected to complete 20 hours of lab during SL-2 in addition to the 20 hours of SL-1. Out of those 40 hours, 10 hours will be spent completing the Group Four Project and 10 hours for a personal investigation to be assessed for the Internal Assessment, which will be completed in the second year of the course.

Topics covered include: basic chemistry, the cell, photosynthesis, respiration, genetics, DNA, evolution, organisms, taxonomy, human body, and ecology.

IB Biology Year 1: Higher Level (0426)

Option for grade 11-12

Prerequisite: Science teacher recommendation

This is the first year of a two-year program. Throughout the course, a laboratory, hands-on program, will support student learning emphasizing on the scientific method, experiment design and data analysis.

Students will be expected to complete 60 hours of lab work during the two years. Out of those 60 hours, 10 hours will be spent completing the Group Four Project and 10 hours for the personal project for the Internal Assessment, which will be completed in the second year of the course.

Topics covered include: basic chemistry, the cell, photosynthesis, respiration, genetics, DNA, evolution, organisms, taxonomy, human body, and ecology.

IB Biology Year 2: Higher Level (0427)

Option for grade 12

Prerequisite: Successful completion of IB Biology HL Year 1

This is the second year of a two-year program. Throughout the course, a laboratory, hands-on program, will support student learning emphasizing the scientific method, experiment design and data analysis. Students who complete two years of the course will be eligible to take the official IB exam in May. There are 10 hours that will be spent completing the Group Four Project and 10 hours for the personal project for the Internal Assessment.

Topics covered include: basic chemistry, the cell, photosynthesis, respiration, genetics, DNA, evolution, organisms, taxonomy, human body, and ecology.

IB Physics Year 1: Standard Level (0415)

Option for grade 11-12 (exceptional grade 10 only with teacher recommendation, schedule permitting)

This is the first year of a two-year course. Throughout the course, a laboratory, hands-on program, will support student learning emphasizing the scientific method, experiment design and data analysis. In the two-year course, IB students will be expected to complete 40 hours of lab work. Out of those 40 hours, 10 hours will be spent completing the Group Four Project and 10 hours for the Internal Assessment, which will be completed in the second year of the course.

Topics covered include: Mechanics, Energy Production, Fields, Wave Behavior, Electromagnetism, Structure of Matter, Quantum Physics, Nuclear Physics, and Thermodynamics.

IB Physics Year 2: Standard Level (0416)

Option for grade 12

Prerequisite: IB Physics SL Year 1

This is the second year of a two-year course. Throughout the course, a laboratory, hands-on program, will support student learning emphasizing the scientific method, experiment design and data analysis. At the end of the course, students will be eligible to take the official IB exam in May. In the two-year course, IB students will be expected to complete 40 hours of lab work. Out of those 40 hours, 10 hours will be spent completing the Group Four Project and 10 hours for the Internal Assessment, which will be completed in the second year of the course.

Topics covered include: Mechanics, Energy Production, Fields, Wave Behavior, Electromagnetism, Structure of Matter, Quantum Physics, Nuclear Physics, and Thermodynamics.

IB Physics Year 1: Higher Level (0413)

Option for grade 11-12

Recommended: Enrollment in HL Mathematics (or recommendation from mathematics teacher)

Prerequisite: Science teacher recommendation

Physics is the most fundamental of the experimental sciences, as it seeks to explain the universe itself, from the very smallest particles to the vast distances between galaxies. This is the first year of a two-year course. IB students will be expected to complete 60 hours of lab work. Out of those 60 hours, 10 hours will be spent completing the Group Four Project and 10 hours for the personal project for the Internal Assessment, which will be completed in the second year of the course.

The topics covered include: Mechanics, Energy Production, Fields, Wave Behavior, Electromagnetism, Structure of Matter, Quantum Physics, Nuclear Physics, and Thermodynamics.

IB Physics Year 2: Higher Level(0414)

Option for grade 12

Prerequisite: Successful completion of IB Physics HL Year 1

This is the second year of a two-year program. In two-year course, IB students will be expected to complete 60 hours of lab work. Out of those 60 hours, 10 hours will be spent completing the Group Four Project and 10 hours for the personal project for the Internal Assessment, which will be completed in the second year of the course. At the end of the course, students will be eligible to take the official IB exam in May. Topics covered include: Mechanics, Energy Production, Fields, Wave Behavior, Electromagnetism, Structure of Matter, Quantum Physics, Nuclear Physics, and Thermodynamics.

IB Chemistry Year 1: Standard Level (0430)

Option for grade 11-12 (exceptional grade 10 only with teacher recommendation, schedule permitting)

Chemistry is an experimental science that combines academic study with the acquisition of practical and investigational skills. Throughout the course, a laboratory based program will support student learning emphasizing the scientific method, experiment design and data analysis. All IB SL chemistry students are expected to complete nearly 20 hours of experimental work during the first year of the course.

Topics covered include: Atomic Structure, Periodicity, Stoichiometry, Bonding, Energetics, Equilibrium, Kinetics, and Oxidation Reduction.

IB Chemistry Year 2: Standard Level (0431)

Option for grade 12

Prerequisite: Successful completion of IB Chemistry HL Year 1 with a minimum score of 70%

Throughout the course, a laboratory based program will support student learning emphasizing the scientific method, experiment design and data analysis. All IB SL science students are expected to complete 40 hours of lab work during the two year course and in the second year of the course, 10 hours will be designated to complete the Group Four Project and 10 hours will be dedicated to a personal investigation to be used for the IB Internal Assessment. Students will sit a final IB exam in May.

Topics covered include: acids and bases, organic chemistry and instrumental analysis. It will also include the Energy Option, which includes the study of fossil fuels, nuclear energy and photosynthesis.

IB Chemistry Year 1: Higher Level (0418)

Option for grade 11-12

Recommended enrollment in HL Mathematics or recommendation from mathematics teacher.

Prerequisite: Science Teacher Recommendation

Chemistry is an experimental science that combines academic study with the acquisition of practical and investigational skills. Throughout the course, a laboratory based program will

support student learning emphasizing the scientific method, experiment design and data analysis. All IB HL science students are expected to complete 60 hours of lab during the two year course. In the second year of the course, 10 hours will be designated to complete the Group Four Project and 10 hours will be dedicated to a personal investigation to be used for the IB Internal Assessment.

Topics to be covered: Atomic Structure, Periodicity, Stoichiometry, Bonding, Energetics, Equilibrium, Kinetics, and Electrochemistry.

IB Chemistry Year 2: Higher Level (0419)

Option for grade 12

Recommended enrollment HL Mathematics

Prerequisite: Successful Completion of IB Chemistry HL Year 1

This is the second year of a two-year program. Throughout the course, a laboratory-based program will support student learning emphasizing the scientific method, experiment design and data analysis. All IB HL science students are expected to complete 60 hours of lab during the two year course. In the second year of the course, 10 hours will be designated to complete the Group Four Project and 10 hours will be dedicated to a personal investigation to be used for the IB Internal Assessment. Students will sit a final external exam in May. Topics covered: Acids and Bases, Organic Chemistry, Instrumental Analysis, and the Energy Option, which includes the study of fossil fuels, nuclear energy, photosynthesis and additional study of electrochemical cells.

THE HIGH SCHOOL

SOCIAL SCIENCES PROGRAM

Overview:

The aim of social studies education at EAB is to develop global citizens with a critical and creative understanding of the present as it is connected to the past. All courses strive to prepare reading, writing, research, speaking, listening, and critical thinking skills while investigating a variety of historical, social, political, philosophical, and economic topics.

Standards:

American Education Reaches Out (AERO)

International Baccalaureate Standards (IB)

Grade 9: Modern World History (0210)

This course is designed to cultivate in students an appreciation and understanding of modern historical events (from 1492) and issues in order to better understand the world in which we live today. Making connections between events and time periods, discovering how events and issues relate to one another throughout history and throughout the world

will be the focus of this class. Any historical event worth studying has deep roots of cause and effect that reverberate throughout both past and future, and an understanding of these events and their intertwining nature is an invaluable component of a comprehensive grasp of history. Topics covered include: Colonialism, War, Revolution and Peacekeeping/Human Rights.

Grade 10: Political Philosophy (0253)

The focus of this course is to explore and understand many of the central ideas that have shaped, and continue to shape, economic, political, scientific, and social thought in the modern world, as well as the historical events that formed those ideas. We will study the work of Hobbes, Locke, Voltaire, Rousseau, Marx, Smith, and Malthus. This class will provide knowledge that will support understanding the forces that shape our increasingly globalized society, as well as empower students to be thoughtful, critical participants in our world. Topics covered include: The Scientific Revolution, British Political Reform, French Absolutism, Enlightenment, American Revolution, French Revolution, Industrial Revolution and Civil Disobedience.

Grade 9 and 10: Introduction to Economics (0357)

This one-semester course aims to provide an introduction to basic economic concepts and theories. Topics of Microeconomics, which deals with individual firms and markets, include Supply & Demand, Elasticities and Government Intervention. Topics of Macroeconomics, which deals with an entire nation (all firms and markets together), include GDP/Growth, Inflation and Unemployment. This course is useful in helping students develop fundamentals to begin understanding more complex news they see in the media, and connect the dots to implications in their daily lives.

Introduction to International Relations:

EAB International Relations is a one-semester course that uses various present-day and historical case studies to introduce and understand international relations theory and actors and structure of the international political system. The IR theories of realism, liberalism and constructivism will be studied as will concepts such as anarchy, sovereignty, polarity, power, national interest, rationality, democratic peace, complex interdependence, institutionalism, nationalism, hegemonic stability theory and globalization. The overarching purpose of the course is to encourage students to look beyond themselves and engage more thoughtfully, empathetically and intensely with their world.

The International Baccalaureate Program: Group Three

IB Economics Year 1: Standard Level (0241)

Option for Grades 11 and 12

This course aims to provide students with a core knowledge of economics, encourages students to think critically about economics, promotes an awareness and understanding of internationalism in economics and encourages students' development as independent learners. It is also concerned with how income and production (goods and services) should be distributed locally, nationally and globally. Students will complete two out of the three commentaries. A commentary is a brief analysis completed by students on an economic

article. Topics covered include: Microeconomics, Macroeconomics, International Economics and Development Economics.

IB Economics Year 2: Standard Level (0213)

Option for Grades 12

Prerequisite: IB Economics SL Year 1

This is the second year of the two-year program. The syllabus is divided into four areas of content: Microeconomics, Macroeconomics, International Economics and Development Economics. Students will complete the third commentary. A commentary is a brief analysis completed by students on an economic article. Students will sit their final formal exam in May. Topics covered include: Microeconomics, Macroeconomics, International Economics and Development Economics.

IB Economics Year 1: Higher Level (0244)

Option for Grades 11 and 12

Prerequisite: Teacher Recommendation

This is the first year of this course which aims to provide students with a core knowledge of economics, encourages students to think critically and promotes an awareness and understanding of internationalism. Students complete additional topics to those covered in the Standard Level course. Students will complete two out of the three commentaries required for this course. A commentary is a brief analysis completed by students on an economic article. Topics covered include: Microeconomics, Macroeconomics, International Economics and Development Economics.

IB Economics Year 2: Higher Level (0245)

Option for grade 12

Prerequisite: IB Economics HL Year 1

This is the second year of this course which aims to provide students with a core knowledge of economics, encourages students to think critically and promotes an awareness and understanding of internationalism. Students complete topics that are additional to those that are completed in Standard level. Students will complete the third commentary in this year. A commentary is a brief analysis completed by students on an economic article. Seniors will complete their formal exams in May.

Topics covered include: Microeconomics, Macroeconomics, International Economics and Development Economics.

IB History Y1: Standard Level (0225)

Option for Grades 11

Prerequisite: none for SL, one year of IB SL History Y1 for HL

The IB Diploma Programme higher level history course aims to promote an understanding of history as a discipline, including the nature and diversity of sources, methods and interpretations. Students are encouraged to comprehend the present by reflecting critically on the past. They are further expected to understand historical developments at national, regional and international levels and learn about their own historical identity through the study of the historical experiences of different cultures.

Topics covered include: The Move to Global War, 1919-1941 (Japan, Italy, Germany), Origins

and development of authoritarian states (20th Century) and The Cold War: Superpower tensions and rivalries. Students will complete an internal assessment on an historical investigation. Students will sit their formal IB exam in May.

IB History Y1: Higher Level (0263)

Option for Grades 11

Prerequisite: none for SL, one year of IB SL History Y1 for HL

The IB Diploma Programme higher level history course aims to promote an understanding of history as a discipline, including the nature and diversity of sources, methods and interpretations. Students are encouraged to comprehend the present by reflecting critically on the past. They are further expected to understand historical developments at national, regional and international levels and learn about their own historical identity through the study of the historical experiences of different cultures.

Topics covered include: The Move to Global War, 1919-1941 (Japan, Italy, Germany), Origins and development of authoritarian states (20th Century) and The Cold War: Superpower tensions and rivalries. Students will complete an internal assessment on an historical investigation. Students will sit their formal IB exam in May.

IB History Y2: Standard Level (0264)

Option for Grade 12

Prerequisite: none for SL, one year of IB SL History Y1 for HL

The IB Diploma Programme higher level history course aims to promote an understanding of history as a discipline, including the nature and diversity of sources, methods and interpretations. Students are encouraged to comprehend the present by reflecting critically on the past. They are further expected to understand historical developments at national, regional and international levels and learn about their own historical identity through the study of the historical experiences of different cultures.

Topics covered include: The Cold War in the Americas. Students will complete an internal assessment on an historical investigation. Students will sit their formal IB exam in May.

IB History Y2: Higher Level (0265)

Option for Grades 11 and 12

Prerequisite: none for SL, one year of IB SL History Y1 for HL

The IB Diploma Programme higher level history course aims to promote an understanding of history as a discipline, including the nature and diversity of sources, methods and interpretations. Students are encouraged to comprehend the present by reflecting critically on the past. They are further expected to understand historical developments at national, regional and international levels and learn about their own historical identity through the study of the historical experiences of different cultures.

Topics covered include: Independence Movements in the Americas 1763-1830, the Emergence of the Americas in global affairs 1880-1929, and The Cold War in the Americas. Students will complete an internal assessment on an historical investigation. Students will sit their formal IB exam in May.

THE HIGH SCHOOL

ARTS PROGRAM

Overview:

The Upper School Arts Program helps fulfill the Mission and Vision of the school by developing the artistic ability that exists in every child. Through theory, application, practice, and performance students explore the visual, digital, musical and theatrical arts. To graduate from EAB every student is required to earn at least one credit through the successful completion of classes in one of these four areas.

Standards:

National Coalition for Core Arts Standards (NCCAS)

International Baccalaureate Standards (IB)

Art Themes 1-4 (0617, 0658, 0631, 0632)

Option for Grades 9, 10, 11, or 12

Prerequisite: none, but need to be taken sequentially

Students will explore Visual Arts in Art Themes 1-4. Each course is a semester long and each builds on skills learned in the previous course. The revised National Core Arts Standards, include creating, presenting, responding and collaborating as the guiding principles of this class. Students will understand the elements and principles of design.

Projects include: drawing, painting, design, clay, and multi-media. Media explored yet not limited to; graphite, charcoal, pastels, tempera paint, acrylic paint, colored pencils, markers, fabric and, paper collage, clay and multimedia.

High School Theatre Yearlong (0676) or Semester (0678)

Option for Grades 9, 10, 11, or 12

Prerequisite: none

This course is for both the beginning and experienced theatre student. Students explore and try the many ways of presenting work onstage, and focus on trying new and complex ways of being actors, writers, directors and designers. They constantly practice making artistic and stylistic choices, and often have several options to choose from in terms of genre or format. Students will use the tools of body, voice and emotion to express themselves onstage in characters they create. They will practice teamwork / collaboration skills and enjoy the chance to exercise their imaginations. At the end of the year, students will write and direct their own plays and present to an audience of their peers. Performances for invited audiences allow them to share and celebrate their work. Students will exhibit their understanding through frequent class performances. Most of all, drama is fun!

Theatre Production

Option for grade 6-12

The focus of this class involves the producing of the school theatrical productions. The students will work on all aspects of the school's productions including; publicity, set design/

construction, costume design/construction, lighting, sound, makeup, and props as well as stage management and direction. When the school productions are completed for the year students will work on an independent theatre project.

Concert Band (0608)

Option for Grades 9-12

Prerequisite: None

EAB's Concert band will use a variety of resources and music while developing skills in relation to the NCCAS standards and benchmarks. Performance, theory, participation, engagement and collaboration will be assessed in relation to EAB's curriculum and Learner Profile. The ensemble will play a variety of musical genres. There will also be opportunities for small group and solo performances during the two main concerts and other events throughout the year. Two after-school performances (December and May) are required.

There is a one time fee of R\$200 for students who use the school instruments. This is applied for regular maintenance and repair of instruments.

Choir (0671)

Option for Grades 7-9

Prerequisite: None

Choir students will learn standard techniques for warming up the voice, expanding their range, improving their sound quality and singing in harmony. Students join choir with a variety of musical backgrounds and skills and each year we will work towards every member singing with the same model sound. Students will also have the opportunity to play some percussion instruments as accompaniment as needed. The choir will perform as scheduled for other classes and at the end of each semester in a required evening concert.

Digital Media (0732)

Option for Grades 9-12

Prerequisite: None, though competency with Photoshop is necessary for yearbook production.

This course has several layers, with first-time students focusing on the artistic and technical fundamentals of digital photography and videography; and experienced students focusing on the production of school publications (namely, the yearbook and athlete sticker album). In special cases with approval, exceptionally skilled and experienced students can even follow an Independent Study format allowing them to explore new learning beyond the set curriculum, which could include work in such areas as animation and film special effects.

Topics covered include: digital camera functionality; understanding the principles that guide effective graphic design with an emphasis on digital editing techniques and composition; understanding the principles that guide effective video-making with an emphasis on cinematographic techniques, and post-production editing and effects.

Music Exploration (0644)

This class is a wide exploration of music topics driven by the student's interest. The class is composed of a wide range of primarily creativity based topics including: basic music theory, composing electronic music with Garage Band, building homemade instruments, analyzing movie music, discussing themes in popular music, and more.

High School Design

Design is the link between innovation and creativity, taking thoughts and exploring the possibilities and constraints associated with products or systems, allowing them to redefine and manage the generation of further thought through prototyping, experimentation and adaptation. This course will use the design cycle to structure students' natural creativity and imagination to envision and create solutions to design problems. To do this students will define, research problems through thorough investigation and then use the outline of the design cycle to introduce, test and alter solutions to the problems. MS Design will use both traditional and technology-based means to model the design cycle.

IB Film Y1: Standard Level (0724)

Option for Grades 11-12

Prerequisite: None, though digital video and digital photography are recommended.

This is the first of a two-year course which is aligned with the IB diploma program standards. Students will work on personal projects, as well as working collaboratively, on developing skills in interpreting and making films via film production, film theory/history, and textual analysis.

Topics covered include: Textual analysis, film theory and history, creative process—techniques and organization of production.

IB Film Y1: Higher Level (0724)

Option for Grades 11-12

Prerequisite: None, though digital video and digital photography are recommended.

This is the first of a two-year course which is aligned with the IB diploma program standards. Students will work on personal projects, as well as working collaboratively, on developing skills in interpreting and making films via film production, film theory/history, and textual analysis.

Topics covered include: Textual analysis, film theory and history, creative process—techniques and organization of production.

IB Film Y2: Standard Level (0725)

Option for Grade 12

Prerequisite: IB Film Year 1

This is the second year of a two-year course which is aligned with the IB Diploma Program standards. Students will work on personal projects, as well as working collaboratively, on developing skills in interpreting and making films via film production, film theory/history, and textual analysis.

Topics covered include: Textual analysis, film theory and history, creative process—techniques and organization of production.

IB Film Y2: Higher Level (0725)

Option for Grade 12

Prerequisite: IB Film Year 1

This is the second year of a two-year course which is aligned with the IB Diploma Program standards. Students will work on personal projects, as well as working collaboratively, on

developing skills in interpreting and making films via film production, film theory/history, and textual analysis.

Topics covered include: Textual analysis, film theory and history, creative process—techniques and organization of production.

IB Art Y1: Standard Level (0666)

Option for Grades 11-12

Prerequisite: at least one semester of art course or teacher recommendation

This is the first year of a two-year course which encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought-provoking course in which students develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence as art-makers. Topics covered include: Visual arts in context, visual arts methods, communicating visual arts.

IB Art Y2: Standard Level (0669)

Option for Grades 12

Prerequisite: IB Art SL Year 1

This is the second year of a two-year course which encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought-provoking course in which students develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence as art-makers. Topics covered include: Visual arts in context, visual arts methods, communicating visual arts. Students complete a final exhibition, comparative study and a process portfolio that is submitted for external moderation.

IB Art Y1: Higher Level (0674)

Option for Grades 11-12

Prerequisite: at least two semesters of arts courses or teacher recommendation

This is the first year of a two-year course which encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought-provoking course in which students develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence as art-makers. Topics covered include: Visual arts in context, visual arts methods, communicating visual arts. Students will complete additional topics to the standard level course.

IB Art Y2: Higher Level (0675)

Option for Grades 12

Prerequisite: IB Art HL Year 1

This is the second year of a two-year course which encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought-provoking course in which students develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence as art-makers. Topics covered include: Visual arts in context, visual arts methods, communicating visual arts. Students will complete additional topics to the standard level course. Students complete a final exhibition, comparative study and a process portfolio that is submitted for external moderation.

THE HIGH SCHOOL

PORTUGUESE AND SPANISH PROGRAM

Overview:

For speakers and learners of Spanish and Portuguese, the intention of the course is to enable students to develop their reading, writing and speaking skills. As a member of a linguistic community, students recognize their roleS, interacting in a critical and instinctive way. Aspects emphasized in each course are grammar, vocabulary and culture within a student's world view. Immersion opportunities are provided in the Portuguese program and cultural activities are provided to instill Latin culture and language.

Standards:

National Brazilian Standards (Portuguese)

American Council on the Teaching of Foreign Languages (ACTFL) (Spanish and PLL)

PLL 1 (0001)

Option for Grades 6 - 12

Prerequisite: None

This course is designed to provide students with beginning communication skills to engage in basic oral interactions in Portuguese, and writing and reading comprehension activities based on school and real-life contexts.

Topics will include: beginning language skills, academic vocabulary, contextualized grammar and a variety of aspects from the Brazilian culture

PLL 2 (0002)

Option for Grades 6 - 12

Prerequisite: PLL 1

This course is designed to provide students with intermediate communication skills to engage in more complex Portuguese language, oral interactions, and writing and reading comprehension activities based on school and real-life contexts.

Topics will include: intermediate language needs, academic vocabulary, contextualized grammar and a variety of aspects from the Brazilian culture.

PLL 3 (0003)

Option for Grades 6 - 12

Prerequisite: PLL 2

This course is designed to provide students with high intermediate communication skills to engage in complex Portuguese language oral interactions, and writing and reading comprehension activities based on school and real-life contexts.

Topics will include: intermediate language needs, academic vocabulary, contextualized grammar and a variety of aspects from the Brazilian culture.

PLL Transition (0020)

Option for Grades 6 - 12

Prerequisite: PLL 3

This course was designed to improve students communication in Portuguese. Students oral creativity will be stimulated, reading and comprehension activities will be expanded, and creative writing will be enhanced. In addition, aspects of Brazilian culture will be reinforced, including literature.

IB Spanish Ab Initio Y1: Standard Level (0043)

Option for Grades 11-12

Prerequisite: one year or less of Spanish study, or teacher recommendation

This is the first year of a two-year program. Although the main focus of the course is to teach students to speak, read, and write correctly, cultural aspects of the Hispanic/Latino world are also covered.

Topics will include: Receptive skills, productive skills, interactive skills, individuals and society, leisure and work, urban and rural environment, and the use of authentic texts that include articles, letters, maps, timetables and web pages.

IB Spanish Ab initio Y2: Standard Level (0044)

Option for Grade 12

Prerequisite: IB Spanish Ab initio Year 1

This is the second year of a two-year program and it is made for students in the IB program. Although the main focus of the course is to teach students to speak, read, and write correctly, cultural aspects of the Hispanic/Latino world are also covered.

Topics will include: Receptive skills, productive skills, interactive skills, individuals and society, leisure and work, urban and rural environment, and the use of authentic texts that include articles, letters, maps, timetables and web pages. Students will complete an oral assessment and written assignment. Students will sit a final IB exam in May.

IB Portuguese A Y1: Standard Level (0065)

Option for Grades 11

Prerequisite: first-language speaker and teacher recommendation/para brasileiros com recomendação do professor. Neste curso se desenvolvem as habilidades linguísticas por meio do contato com gêneros textuais diversos que são lidos, analisados e produzidos pelos alunos, além de discutidos em conjunto. A língua como fato social, seu uso em discursos midiáticos e seu viés literário são focos primordiais do curso. As obras literárias manterão o aluno em contato com uma diversidade de estilos e de contextos que frequentemente serão identificados, analisados e, posteriormente, criticados. O curso se divide em quatro partes – 1. A língua em seu contexto cultural, 2. Língua e comunicação de massa, 3. Literatura: textos e contextos e 4. Literatura: um estudo crítico

IB Portuguese A Y2: Standard Level (0024)

Option for Grades 12

Prerequisite: first-language speaker and teacher recommendation/ para brasileiros com recomendação do professor. IB Portuguese A SL Year 1 is a prerequisite for this course.

Neste curso se desenvolvem as habilidades linguísticas por meio do contato com gêneros

textuais diversos que são lidos, analisados e produzidos pelos alunos, além de discutidos em conjunto. A língua como fato social, seu uso em discursos midiáticos e seu viés literário são focos primordiais do curso. As obras literárias manterão o aluno em contato com uma diversidade de estilos e de contextos que frequentemente serão identificados, analisados e, posteriormente, criticados. O curso se divide em quatro partes – 1. A língua em seu contexto cultural, 2. Língua e comunicação de massa , 3. Literatura: textos e contextos e 4. Literatura: um estudo crítico

IB Portuguese A Y1: Higher Level (0067)

Option for Grades 11

Prerequisite: first language speaker and teacher recommendation/ para brasileiros com recomendação do professor

Neste curso se desenvolvem as habilidades linguísticas por meio do contato com gêneros textuais diversos que são lidos, analisados e produzidos pelos alunos, além de discutidos em conjunto. A língua como fato social, seu uso em discursos midiáticos e seu viés literário são focos primordiais do curso. As obras literárias manterão o aluno em contato com uma diversidade de estilos e de contextos que frequentemente serão identificados, analisados e, posteriormente, criticados. O curso se divide em quatro partes – 1. A língua em seu contexto cultural, 2. Língua e comunicação de massa , 3. Literatura: textos e contextos e 4. Literatura: um estudo crítico

IB Portuguese A Y2: Higher Level (0068)

Option for Grades 12

Prerequisite: first language speaker and teacher recommendation/ para brasileiros com recomendação do professor. IB Portuguese A HL Year 1 is a prerequisite for this course.

Neste curso se desenvolvem as habilidades linguísticas por meio do contato com gêneros textuais diversos que são lidos, analisados e produzidos pelos alunos, além de discutidos em conjunto. A língua como fato social, seu uso em discursos midiáticos e seu viés literário são focos primordiais do curso. As obras literárias manterão o aluno em contato com uma diversidade de estilos e de contextos que frequentemente serão identificados, analisados e, posteriormente, criticados. O curso se divide em quatro partes – 1. A língua em seu contexto cultural, 2. Língua e comunicação de massa , 3. Literatura: textos e contextos e 4. Literatura: um estudo crítico

IB Portuguese B Y1: Standard Level (0040)

Option for Grades 11 -12

Prerequisite: Portuguese Transitions and teacher recommendation

The main focus of the course is on language acquisition and development of language skills. These language skills should be developed through the study and use of a range of written and spoken material. Such material will extend from everyday oral exchanges to literary texts, and will be related to the cultures concerned. The material chosen will enable students to develop mastery of language skills and intercultural understanding. Topics covered include: communication and media , global issues, social relationships and two options out of the following five which are cultural diversity, customs and traditions, health , leisure, science

and technology.

IB Portuguese B Y2: Standard Level (0039)

Option for Grades 12

Prerequisite: IB Portuguese B SL Year 1

The main focus of the course is on language acquisition and development of language skills. These language skills should be developed through the study and use of a range of written and spoken material. Such material will extend from everyday oral exchanges to literary texts, and will be related to the cultures concerned. The material chosen will enable students to develop mastery of language skills and intercultural understanding. Topics covered include: communication and media, global issues, Social relationships and two options out of the following five which are cultural diversity, customs and traditions, health, leisure, science and technology. Students will complete an oral and a written assignment. Students will sit a final exam in May.

Portuguese Grade 9 through 10 (0009/ 0010)

O programa curricular do curso de Português 9-10 possibilita ao aluno desenvolver o domínio da expressão oral e escrita em situações de uso público da linguagem, levando em conta a situação de produção social e material do texto (lugar social do locutor em relação ao(s) destinatário(s); destinatário(s) e seu lugar social; finalidade ou intenção do autor; tempo e lugar material da produção e do suporte) e selecionar, a partir disso, os gêneros adequados para a produção do texto, operando sobre as dimensões pragmática, semântica e gramatical. No processo de leitura de textos escritos, espera-se que o aluno compreenda a leitura em suas diferentes dimensões – o dever de ler, a necessidade de ler e o prazer de ler.

THE HIGH SCHOOL

BRAZILIAN SOCIAL STUDIES PROGRAM

Overview:

The aim of social studies education at EAB is to develop global citizens with a critical and creative understanding of the present as it is connected to the past. All courses strive to prepare reading, writing, research, speaking, listening, and critical thinking skills while investigating a variety of historical, social, political, philosophical, and economic topics.

Standards:

National Brazilian Standards

BSS10: (0214)

Option for Grades 10

Prerequisite: None

In both History and Geography, students are encouraged to seek answers to broad and complex questions through investigative methods. In History, for example, students are encouraged to reflect on the role of the historian and to appreciate different interpretations of past events. In Geography 10, they are encouraged to recognize the ways in which the Brazilian physical space has been organized as the result of socio-economic processes, as well as to understand the interaction between human beings and the physical environment. Students are also led to reflect on geographical issues that may require the use of many approaches from various fields. In addition, students are led through a course of study that allows them to develop an appreciation of Brazilian culture. Assessment of this is interwoven throughout the assessment of the historical and geographical elements of the course. Brazilian Social Studies is a challenging course for both students and teachers.

Topics will include: geography, history, individual society and, the environment, Brazil's development, and the global economy

IB BSS Year 1 (0242) and IB BSS Year 2 (0243)

Option for Grades 11 -12

Prerequisite: BSS 10

O Curso de IB/BSS SL 1 e 2 é designado para integrar e equilibrar o conteúdo e os requisitos dos exames das Universidades brasileiras e o espírito e estilo do programa IB em uma abordagem coerente. IB/BSS 1 e 2 é parte do SBS – School Based Syllabus- Grupo 3 Individual and Societies a ser completado em dois anos - preenchendo os critérios estabelecidos pelo IB. O programa curricular do IB BSS se baseia também nos objetivos e conteúdos sugeridos pelos PCN's/MEC atendendo às necessidades do Vestibular.

The Brazilian Social Studies course is divided into eight topics covering a variety of areas of study in the geography and history of Brazil. In order to provide a comprehensive view of Brazil's development and its current status as a regional power in a global economy, the course is connected with individuals, society and environment in the widest context:

physical, social, economic, religious, technological and cultural.

Filosofia 10: (0254)

Option for Grades 10

Prerequisite: None

O curso de Filosofia 10 foi desenvolvido com base nos Parâmetros Curriculares Nacionais. O objetivo geral do curso é apresentar aos alunos as origens do pensamento filosófico, assim como também, aos principais pensadores que fazem parte dos primeiros momentos da tradição filosófica ocidental. Dessa forma, o curso se estrutura a partir da transição do pensamento mítico religioso ao pensamento filosófico científico, percorrendo as contribuições dos Sofistas, de Sócrates, Platão e Aristóteles até os primórdios do pensamento filosófico cristão.

Filosofia 11: (0255)

Option for Grades 11

Prerequisite: Filosofia 10

O curso de Filosofia 11 foi desenvolvido com base nos Parâmetros Curriculares Nacionais. O objetivo geral do curso é introduzir os alunos ao campo da filosofia política por meio da análise de seus diferentes contextos históricos: Filosofia antiga, medieval, moderna e contemporânea. Dessa forma, o curso busca estimular o aluno a analisar criticamente temas específicos da filosofia política e reconhecer a transformação de alguns conceitos no âmbito deste importante ramo da história da filosofia.

Sociologia 10: (0257)

Option for Grades 10

Prerequisite: None

O curso de Sociologia 10 foi criado com base nos Parâmetros Curriculares Nacionais. O objetivo geral do curso é introduzir aos alunos a Sociologia e seus conceitos básicos, a fim de desenvolver o gosto pela imaginação e análise sociológica, de modo que seja possível ao estudante fazer uma leitura da realidade social articulada a sua própria experiência de vida.

Sociologia 11: (0258)

Option for Grade 11

Prerequisite: Sociologia 10

O curso de sociologia 11 foi criado com base nos Parâmetros Curriculares Nacionais. O objetivo geral do curso é compreender os mecanismos da desigualdade socioeconômica no Brasil por meio de uma análise crítica sobre a violência no Brasil e o papel do Estado de Bem -Estar social, bem como dos movimentos sociais, no processo de construção de uma sociedade mais democrática.

THE HIGH SCHOOL

PHYSICAL EDUCATION PROGRAM

Overview:

Physical Education, as a part of education experience at EAB provides students with the opportunity to become aware of and engaged in physical activity that foster a healthy attitude and behaviors toward regular physical activity, wellness, fitness and health.

Standards:

McRel

High School PE Boys (0520)

Physical Education, as a part of the High School educational experience provides students with an intermediate to advanced opportunity to become aware of and engaged in physical activity that foster healthy attitude and behaviors toward regular physical activity, fitness, cooperative learning and monitoring health and wellness.

High School PE Girls (0521):

Physical Education, as a part of the High School educational experience provides students with an intermediate to advanced opportunity to become aware of and engaged in physical activity that foster healthy attitude and behaviors toward regular physical activity, fitness, cooperative learning and monitoring health and wellness.

IB CORE REQUIREMENTS

Overview:

Students that follow the full IB Diploma programme must undertake the three essential IB core components alongside the six subjects. It is a requirement that students fulfill the expectations of the core requirements.

Theory of Knowledge Year 1(0224)

Students following the full IB Diploma at EAB will undertake this course is about critical thinking and inquiring into the process of knowing, rather than about learning a specific body of knowledge. Students will reflect on the nature of knowledge, to make connections between areas of knowledge and to become aware of their own perspectives and those of the various groups whose knowledge they share. It is a core element undertaken by all Diploma Programme students. The overall aim of Theory of Knowledge (TOK) is to encourage students to formulate answers to the question “how do you know?” in a variety of contexts, and to see the value of that question.

Theory of Knowledge Year 2 (0226)

Prerequisite: Theory of Knowledge Year 1

Students following the full IB Diploma at EAB will undertake this course is about critical thinking and inquiring into the process of knowing, rather than about learning a specific body of knowledge. Students will submit a final essay and a presentation which will be externally assessed.

Creativity, Activity and Service (Grade 11&12)

Creativity, action, service (CAS) is at the heart of the Diploma Programme. It is one of the three essential elements in every student’s Diploma Programme experience. It involves students in a range of activities alongside their academic studies throughout the Diploma Programme. The three strands of CAS, which are often interwoven with particular activities, are characterized as follows.

Creativity: arts, and other experiences that involve creative thinking.

Action: physical exertion contributing to a healthy lifestyle, complementing academic work elsewhere in the Diploma Programme.

Service: an unpaid and voluntary exchange that has a learning benefit for the student. The rights, dignity and autonomy of all those involved are respected.

Successful completion of CAS is a requirement for the award of the IB diploma. CAS is not formally assessed but students need to document their activities and provide evidence that they have achieved eight key learning outcomes.

Extended Essay

The extended essay is a required component of the International Baccalaureate® (IB) Diploma Programme (DP). It is an independent, self-directed piece of research, finishing with a 4,000-word paper. The extended essay provides: practical preparation for undergraduate

research, an opportunity for students to investigate a topic of special interest to them, which is also related to one of the student's six DP subjects. Through the research process for the extended essay, students develop skills in: formulating an appropriate research question, engaging in a personal exploration of the topic, communicating ideas, developing an argument. Participation in this process develops the capacity to analyse, synthesize and evaluate knowledge.

The IB recommends that students follow the completion of the written essay with a short, concluding interview with their supervisor. This is known as *viva voce*. The extended essay and interview can be a valuable stimulus for discussion in countries where interviews are required prior to acceptance for employment or for a place at university. All extended essays are externally assessed by examiners appointed by the IB. They are marked on a scale from 0 to 34.

