INTERNATIONAL BACCALAUREATE PROGRAM
SEQUENCE OF COURSES

Language A

Title:	**Pre-IB English 1**	**PIBEI / 308103PW**
Unit Credit	1	
Grade Levels	9	
Prerequisite	Honors / Challenge 8th , English Application and recommendations	

This is an honors-level course for students who have the ability to pursue an accelerated English program. This first prerequisite for the IB English Language A program stresses in-depth analysis of world literature, with special emphasis on the epic and world myths, as well as correct and sophisticated composition, practice in developing sound arguments, and adequate background in vocabulary, grammar and reference skills.

Title:	**Pre-IB English 2**	**PIBEII / 308115PW**
Unit Credit	1	
Grade Levels	10	
Prerequisite	Pre-IB English 1 (C or better average)	

This is an honors-level course which prepares students for the rigorous formal IB program in grades 11 and 12 by compressing American and British literature survey courses into one year. Students will apply critical standards, both orally and in writing, to literary works of all genres. Multi-paragraph, argumentative, and analytical composition stresses accuracy, completeness, organization, and reflection.

Title:	**IB/ AP English 3 (AP Literature and Composition)**	**ENGIVAP / 307005AW**
Unit Credits	1	
Grade Levels	11	
Prerequisites	Pre-IB English 2 (C or better average)	

This college-level course is an in-depth study of various modes and genres in literature. Writing to the literature is a major emphasis with a focus on exposition, argumentation, and critical analysis. The literature studied involves close reading of literary works. All students enrolled must take the Advanced Placement English Literature and Composition Exam in May**.**

Title:	**IB English 4**	**ENGIVIB / 308005IW**
Units	1	
Grade Levels	12	
Prerequisite	IB/AP English 3 (C or better average)	

Designed as a continuation of the IB Language A Higher Level curriculum begun in IB/AP English 3, this honors-level course emphasizes development of the students' powers of expression in oral communication, continued practice in written discourse, detailed understanding of the techniques involved in literary study and criticism, and promotion of an international perspective through the comparative study of works from the students' own culture and other cultures. Oral and written requirements are extensive. Students sit for the English Language A Higher Level Exam in May.

Language B

Title:	**Pre-IB French 1**	**PREIBFR / 368003PW**
Unit Credit	1	
Grade Levels	9-12	
Prerequisite	C average in English or Teacher recommendation	

In this course students will be initiated into the French language and culture. The development of understanding, speaking, writing, and reading will be the main objective of the course. Students will expand their vocabulary. They will also learn to express past, present, and future ideas.

Title:	**Pre-IB French 2**	**PREIBFB / 368027PW**
Unit Credit	1	
Grade Levels	10-12	
Prerequisite	Pre-IB French 1, Teacher recommendation	

Students continue to expand knowledge of the language and culture through a variety of oral, listening, and written activities. Students will maintain a journal in the language. The class is conducted almost entirely in the language. Oral proficiency interviews are required to build language portfolios and are required on the final exam.

Title:	**IB French 3**	**FRENIIIB / 468005 IW**
Unit Credit	1	
Grade Levels	10-12	
Prerequisites	Pre-IB French 2, Teacher recommendation	

Students will begin an in-depth study of various pieces of French literature, short stories, poems, and essays. Students will be expected to give brief oral reports and write short summaries on research topics in the language, which will explore the IB themes of change, groups and leisure. All activities will be guided by the National Foreign Language and IB standards. The final examination will include an oral interview, and students will be encouraged to take the National French Exam.

Title:	**IB/AP French 4 (AP French Language)**	**FRENIVAP / 367105AW**
Unit Credit	1	
Grade Levels	11-12	
Prerequisite	IB French 3, Teacher recommendation	

This course for advanced students emphasizes the active use of the language for oral and written communication. Students will develop a vocabulary sufficiently ample to read newspaper and magazine articles, modern literature, and other non-technical literature. They will be able to understand the language spoken by native speakers at a normal rate, and will increase their ability to express themselves accurately and resourcefully both orally and in writing. A wide variety of print and electronic media will be used. All students enrolled must take the AP French Language Exam and sit for the IB exam in May.

Title:	**IB French 5**	**IBFREVAP / 468017IW**
Unit Credit	1	
Grade Levels	11-12	
Prerequisite	IB/AP French 4	

This college-level course follows the curriculum guidelines of both the IB and AP programs. At this level, students will be able to participate in the target language in analytical and higher-level tasks similar to those in other core and elective subjects. Students must take both the IB and AP language exams in May.

Pre-IB German 1	**PREIBGE**	**368115PW**
Pre-IB German 2	**PREIBGB**	**368159PW**
IB German 3	**GERMIIIB**	**468105IW**
IB German 4 (AP German Language)	**GERMIVAP**	**367305AW**
IB German 5	**IBGERVAP**	**368117IW**
Pre-IB Spanish 1	**PREIBSP**	**368239PW**
Pre-IB Spanish 2	**PREIBSB**	**368251PW**
IB Spanish 3	**SPANIIIB**	**468205IW**
IB Spanish 4 (AP Spanish Language)	**SPANIVAP**	**367505AW**
IB Spanish 5	**IBSPAVAP**	**468217IW**

Individuals & Societies

Regional Studies:

Title:	**Pre-IB United States Government**	**USGOVIB / 333071PW**
Unit Credit	1	
Grade Levels	10	
Prerequisite	Teacher recommendation	

U.S. Government Honors incorporates the structure, organization, and function of the American political system. Topics studied include: foundations of U.S. government, the three major branches of government, and the Constitution. Students will study the details of the political system at the national, state, and local levels. Comparisons will be made between American government and other political systems. At the honors level students will read supplementary materials and analyze, synthesize, and evaluate new information as they develop critical thinking skills.

Title:	**Pre-IB Economics**	**ECONIB / 335079PW**
Unit Credit	1	
Grade Levels	10	
Prerequisite	Teacher recommendation	

Economics Honors provides a study of the overall economy including both macroeconomics and microeconomics. Students will focus on topics such as money and banking, competition, supply and demand, factors of production, and consumer rights and responsibilities. At the honors level students will read supplementary materials and analyze, synthesize, and evaluate new information as they develop critical thinking skills.

Title:	**IB / AP United States History**	**USHISAP / 337205AW**
Unit Credit	1	
Grade Levels	11	
Prerequisite	Teacher recommendation	

AP United States History is designed to provide students with analytic skills and factual knowledge necessary to deal critically with the issues and materials in United States History. This course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full year introductory courses. It is a survey course, with extensive chronological coverage of a broad variety of topics in such special fields as economic, cultural, intellectual, and social history, in addition to political, constitutional, and diplomatic history. It is strongly recommended that students have Honors or AP English placement. Students are required to take the AP United States History exam in May.

Title:	**IB History of the Americas HL**	**IBHISAM / 338205IW**
Unit Credit	1	
Grade Levels	12	
Prerequisite	IB / AP American History	

This is the second part of a two-year program of study. This course examines significant social, economic, cultural, and political aspects of the Western hemisphere with respect to the region and to the region's relationship with the rest of the world. Students are required to take the History of the Americas HL exam in May.

Title:	**IB / AP Human Geography**	**GEOGAP / 337905AW**
Unit Credit	1	
Grade Levels	10-12	
Prerequisite	Honors World Geography or Honors World History	

This college-level course is designed to allow students to study in depth the nature and perspectives of geography, population, cultural patterns and processes, political spatial organization, agricultural and rural land use, industrialization and economic development, and cities/urban land use. Students are required to take the AP exam in May.

Title:	**IB Geography HL**	**IBGEOHL / 338705IW**
Unit Credit	1	
Grade Levels	12	
Prerequisite	IB / AP Human Geography	

This is the second part of a two-year program of study. The course is divided into three parts: geographical skills, a core theme, and optional themes. Among other skills, students will undertake geographical investigation, manipulate and interpret data using quantitative techniques, undertake statistical calculations to show patterns and changes, and read, interpret and produce graphs and maps. The core theme is

population, resources, and development. Students also study two other optional themes. Students are required to take the IB Geography HL Exam in May.

Title:	**IB Global Information Technology**	**IBGLITSL / 478305IW**
Unit Credit	1	
Grade Levels	11-12	
Prerequisite	None	

This course focuses on the widespread impact and significance of information technology on society. Students will learn to utilize information technology tools to solve real-life problems. Students will also understand the use and application of information systems, evaluate the influences of those technologies on society, explore the social and practical impact that has resulted, and predict the changes and developments most likely to occur in the future. Students are required to take the ITGS SL exam in May.

Title:	**IB Economics SL**	**IBECONSL / 438105IW**
Unit Credit	1	
Grade Levels	11-12	
Prerequisite	Honors Economics	

This is the first part of a two-year program of study. This course introduces the foundation and language of economics and public policy, outlines the major economic objectives used to assess economic performance, and analyzes macroeconomic and microeconomic issues. Students who take this course at the standard level are required to take the IB Economics exam SL in May.

Title:	**IB Economics HL**	**IBECONHS / 438005IW**
Unit Credit	1	
Grade Levels	12	
Prerequisite	IB Economics SL	

This is the second part of a two-year program of study. The IB Economics Program covers in-depth three major units: international economics, economic development, and the economics of planning of the Soviet type and the transition to a market system. Students who take this course are required to take the IB Economics Exam HL in May.

Title:	**IB / AP European History**	**EURHISAP / 337605AW**
Unit Credit	1	
Grade Levels	12	
Prerequisite	Teacher Recommendation	

AP European History builds an understanding of the significant themes in modern European history and develops knowledge of Europe’s role in world affairs. Beginning with the High Renaissance, the course emphasizes intellectual and social as well as political history. Special emphasis will be placed on the writing and interpretations of historians. It is strongly recommended that students have Honors or AP English placement. Students are required to take the AP and the IB exams in May.

Experimental Sciences

Title: **Pre-IB Biology** **PREIBBIO / 328015PW**
Unit Credit 1
Grade Levels 9
Prerequisite Algebra 1 Honors or Algebra 1

This honors-level course is designed for college-bound students of exceptional ability and high achievement capabilities that need an in-depth and challenging program. Laboratory work and problem solving are essential components.

Title: **IB Biology 2** **IBBIOII / 328005IW**
Unit Credit 1
Grade Levels 11
Prerequisite Pre-IB Biology or Biology 1 Honors and Pre-IB Chemistry

This very in-depth first-year college course includes the study of bacteria, protests, fungi, plants, and animals, with an emphasis in human anatomy and physiology. A unit of ecology and laboratory experience is included. An interdisciplinary science project is required.

Title: **IB / AP Biology 3 (Advanced Placement Biology)** **IBBIOIII / 328117AW**
Unit Credit 1
Grade Levels 12
Prerequisite IB Biology 2

As a continuation of the IB/AP Biology curriculum, this course emphasizes biochemistry, cellular biology, genetics, and evolution. Lab work is a continuation of the IB Biology 2 lab work and is subject to external supervision by the International Baccalaureate Organization. Students will sit for the AP and IB higher-level exams in May.

Title: **Physical Science Honors** **PHYSCIH / 321103HW**
Unit credit 1
Grade Levels 9-12
Prerequisite Pre-IB placement and Teacher recommendation

This honors-level course is for students with exceptional ability and high interest who need to be in a more challenging physical science program. Laboratory work, mathematical computations, and problem solving are essential parts of this course. Students in this course will be required to work with more intensity, at a deeper level, and produce a wider range of more complex material. **The course is not accepted as a laboratory science by South Carolina public colleges and universities.**

Title: **IB / AP Physics 1—Mechanics** **IBPHYSME / 428505IW**
Unit credit 1

Grade Levels 11-12
Prerequisite Pre-IB placement and Teacher recommendation

This course gives a student a rigorous background in calculus-based college freshman level mechanics. Such a course is required for engineering students and some other types of science majors. While the course uses some calculus, it focuses heavily on topics taught in Algebra and Pre-Calculus with heavy emphasis on vector analysis. Mathematical models are used to solve problems in mechanics. Students must take the AP Physics – C Mechanics Exam in May.

Title: **IB / AP Physics 2—Electricity and Magnetism** **IBPHYSE / 428517IW**
Unit credit 1
Grade Levels 11-12
Prerequisite Pre-IB placement and Teacher recommendation

This course gives a student a rigorous background in calculus-based college freshman level Electricity and Magnetism. Such a course is required for engineering students and some other types of science majors. While the course uses some calculus, it focuses heavily on topics taught in Algebra and Pre-Calculus. Mathematical models are used to solve problems in electricity and magnetism. Students must take the AP Physics –C Electricity and Magnetism Exam in May.

Title: **Pre-IB Chemistry** **PREIBCHE / 428279PW**
Unit Credit 1
Grade Levels 10
Prerequisite Pre-IB Biology, Physical Science Honors and Algebra 2 Honors

This introductory honors-level course serves as a preparation for the IB higher level Chemistry and Biology curriculum as well as for AP Chemistry. Extensive lab work is involved.

Title: **IB Chemistry 2** **IBCHEMII / 428229IW**
Unit Credit 1
Grade Levels 11
Prerequisite Pre-IB Chemistry

This first year of a two-year IB/AP Chemistry course uses a college text and many laboratory experiences. Kinetic theory, chemical equilibria, stoichiometry, and thermodynamics are studied. An interdisciplinary science project will be required.

Title: **IB / AP Chemistry 3 (Advanced Placement Chemistry)** **IBCHEIII / 428341IW**
Unit Credit 1
Grade Levels 12
Prerequisite IB Chemistry 2

As a continuation of IB/AP Chemistry 2, this course emphasizes organic chemistry. Students sit for both the AP exam and the higher-level IB exam. Laboratory work is assessed both internally and externally by the International Baccalaureate Organization.

Mathematics

Title: **Algebra 1 Honors** **ALGIH / 411103HW**
Unit Credit 1

Grade Levels 8-9
Prerequisite Pre- Algebra with teacher recommendation

This is an honors-level course for students who have been highly successful in middle school mathematics. This course will be a more extensive study of the algebraic concepts traditionally covered in Algebra 1. It is an **intense** program that includes all topics taught in Algebra I as well as additional enrichment topics. Students in this course must take a state-mandated end-of-course test.

Title: **Pre-IB Geometry** **PIBGEOM / 418359PW**
Unit Credit 1
Grade Levels 9-10
Prerequisite Pre-IB placement and Algebra 1 Honors or Algebra 1

This course is for mathematics students who are candidates for AP Calculus. It includes topics traditionally taught in Geometry as well as a unit in formal logic and other IB math topics.

Title: **Pre-IB Algebra 2** **PIBALGII / 418467PW**
Unit Credit 1
Grade Levels 9-10
Prerequisite Pre-IB placement and Pre-IB Geometry

This is a rigorous honors program for students who are candidates for AP Calculus. This course will be a more extensive study of the algebraic concepts traditionally covered in Algebra 2 and includes IB topics. The use of a graphing calculator is required.

Title: **Precalculus** **PCALCP / 413101CW**
Unit Credit 1
Grade Levels 10-12
Prerequisite Geometry, Algebra 2

Precalculus is a program of mathematical studies focusing on the development of the student's ability to understand and apply the study of functions and advanced mathematics concepts to solve problems. The course will include a thorough study of polynomial, rational, exponential, logarithmic, and trigonometric functions. Other topics studied are sequences, series, vectors, conic sections, parametric equations, and polar curves.

Title: **Pre-IB Precalculus** **PIBPCAL / 418163PW**
Unit Credit 1
Grade Levels 10-11
Prerequisite Pre-IB placement and Pre-IB Algebra 2

This course offers advanced algebraic concepts including a thorough study of polynomial, rational algebraic, logarithmic, exponential, trigonometric, and special functions. The use of a graphing calculator is required. This course is mandatory for IB students in the IB Math Methods and IB Higher Level Math programs.

Title: **AP Calculus AB** **APCALAB / 417005AW**
Unit Credit 1
Grade Levels 11-12
Prerequisite Pre-IB Precalculus or Teacher recommendation

This is a course for the mathematically gifted student capable of college-level work. The course outline reflects the content currently recommended by the College Entrance Examination Board (CEEB). Students enrolled in the course are required to take the AP Calculus AB Exam and the IB Math Methods exam in May.

Title:	**AP Calculus BC**	**APCALBC / 417205AW**
Unit Credit	1	
Grade Levels	11-12	
Prerequisite	Pre-IB Precalculus	

This is a course for the mathematically gifted student capable of college-level work. The course outline reflects the content currently recommended by the College Entrance Examination Board (CEEB). Students enrolled in the course are required to take the AP Calculus BC Exam in the spring.

Title:	**AP Statistics**	**APSTAT / 417105AW**
Unit Credit	1	
Grade Levels	10-12	
Prerequisite	Precalculus**,** Algebra 2 Honors or Algebra 2 with Teacher recommendation	

This is a college-level mathematics course for students who have been highly successful in Algebra 2. The purpose is to introduce students to the major concepts and tools of elementary statistics as they collect, analyze, and draw conclusions from data. Students will have extensive opportunities to explore data, plan studies, anticipate patterns, and use statistical inference. Students enrolled in the course are required to take the AP Statistics Exam in May.

Title:	**IB Math Methods SL**	**IBMM / 418205IW**
Unit Credit	1	
Grade Levels	11IB	
Prerequisite	Algebra 2	

Topics studied include functions, calculus, vectors, matrices, probability, and statistics. A portfolio of five pieces of math work is required. A graphing calculator is required. Students must take the IB Math Methods exam in May. This course leads to AP Calculus AB.

Title:	**IB Math Studies**	**IBMS / 418305IW**
Unit Credit	1	
Grade Levels	12 IB	
Prerequisite	Precalculus or Pre-IB Precalculus or Teacher recommendation	

This course is only for IB Diploma Candidate Seniors who will take a subsidiary level exam. Topics include a review and extension of previous math courses plus an introduction to logic, probability, and statistics. A statistical project necessitating collection and analysis of date is required for credit and IB diploma. The use of a graphing calculator is required.

Title:	**IB Higher Level Mathematics**	**IBHLM / 418105IW**
Unit Credit	1	
Grade Levels	12 IB	
Prerequisite	Calculus BC or Teacher recommendation	

This course includes application of mathematical induction, partial fractions including irreducible quadratic factors and repeated linear factors, review of complex numbers, vectors expanded to three dimensions, expanded probability and statistics, and other topics. Students will be required to take the IB Higher Mathematics exam.

6TH Subject

Title:	**IB / AP Psychology**	**APPSY / 437105AW**
Unit Credit	1	
Grade Levels	11-12	
Prerequisite	Teacher recommendation	

This college-level course includes methods, approaches, and history of psychology; bases of behavior; sensation and perception; states of consciousness; learning; cognition; motivation and emotion; developmental psychology; personality; testing and individual differences; abnormal psychology; treatment of psychological disorders; and social psychology. Students are required to take the AP and the IB exams in May.

Title:	**IB Psychology HL**	**IBPSYHL / 438405IW**
Unit Credit	1	
Grade Levels	12	
Prerequisite	IB / AP Psychology	

This is the second part of a two-year program of study. Students study behavior by examining key topics from the biological, learning, cognitive, and humanistic perspectives. Students must study two of seven optional topics. The course introduces students to diverse methods of psychological inquiry and to research and application. Students undertake one or more experimental studies. Students are required to take the IB Psychology HL exam in May.

Title:	**IB Computer Science 1**	**IBCOMI / 478305IW**
Unit Credit	1	
Grade Levels	10-12	
Prerequisite	Honors Algebra 2 or Instructor approval	

This is a college-level course which follows the guidelines recommended by the College Entrance Examination Board. Students will become proficient in the C++ computer programming language and will learn the basics of software design. Students are required to take the A level Advanced Placement Computer Science Examination in May. Previous exposure to computer basics and computer programming is highly recommended for success.

Title:	**AP Computer Science (AB)**	**APCOMAB / 477205AW**
Unit Credit	1	
Grade Levels	11-12	
Prerequisite	(Algebra 2 and C++ Programming) or Instructor approval	

This college-level course is the computer science course outlined by the College Entrance Examination Board (CEEB). Students who take this course will continue their discussion of C++ Algorithms and Data Structures which will include structs, classes and inheritance. Students who take this course will work with a mentor to develop a special computer program or project as part of their final assessment. Students will be required to take the AB level Advanced Placement Computer Science exam in May.

Title: **IB Computer Science 2** **IBCOM / 478205IW**
Unit Credit 1
Grade Levels 11-12
Prerequisite IB Computer Science 1 and Algebra 2 Honors(knowledge of C++)

This college-level course follows the curriculum guidelines of the International Baccalaureate organization. This course focuses on software design, computer systems fundamentals and their impact on society. Students are required to complete a major software design and implementation project as well as take the IB SL Computer Science and AP Computer Science AB Examination administered in May.

Title: **IB Art SL** **IBARTSL / 358105IW**
Unit Credit 1
Grade Levels 11-12
Prerequisite Art I and II

This is the first part of a two-year program of study which includes both studio and research components. Students work on building a portfolio and produce several research workbooks in the areas of appreciation and history of art and design. Students who take the course at the standard level are required to take the IB Art SL exam in May.

Title: **IB Art HL** **IBARTHL / 358005IW**
Unit Credit 1
Grade Levels 12
Prerequisite IB Art SL

This is the second part of a two-year program of study. This course is for the serious art student who wants to build a comprehensive and internationally competitive portfolio, as well as the academic student who wants to explore the wide world of aesthetic choices as a requirement for the IB diploma. Students are required to take the IB Art HL exam in May.

Title: **IB Theatre Arts SL** **IBTHSL / 358605IW**
Unit Credit 1
Grade Levels 11-12
Prerequisite None

This is the first year of a two-year program of study. Students will study the theatrical history of several cultures, analyze and interpret plays, study acting theory and techniques, develop their ability to perform n front of an audience, and study the basic principals of theater production. Students who take the course at the standard level are required to take the IB Theater Arts SL exam in May.

Title: **IB Theatre Arts HL** **IBTHHL / 358505IW**
Unit Credit 1

Grade Levels 12
Prerequisite IB Theater Arts SL

This is the second year of a two-year program of study. In addition to a more in-depth study of the topics seen in the standard level course, students engage in an individual study project, chosen in consultation with the teacher, on a specific aspect of theater arts. Students are required to take the IB Theater Arts HL exam in May.

Title: **IB Music SL** **IBMUSSL / 358405IW**
Unit Credit 1
Grade Levels 11-12
Prerequisite Intermediate level of musical proficiency on an instrument and/or in voice. Students should be taking voice lessons or lessons on their chosen instrument.

This is the first part of a two-year program of study. The course covers the period of history from 1550 to the present and examines music from a variety of cultures apart from the western tradition. This course prepares students for the IB Music SL Exam, which includes listening, written, and performance components. Students who take IB Music at the standard level are required to take the IB Music SL exam in May.

Title: **IB Music HL** **IBMUSHL / 358305IW**
Unit Credit 1
Grade Levels 12
Prerequisite IB Music SL

This is the second year of a two-year program of study which includes performance, composition, western music history, theory, and ear training. In addition to a more in-depth examination of the topics studied in IB Music SL, students prepare a portfolio of original compositions. Students will take the IB Music HL, which includes listening, written, and performance components. Students are required to take the IB Music HL exam in May.

Requirement for all IB Students:

Title: **IB Theory of Knowledge**
Unit Credit (1 Full)
-- ½ in 11th Grade **IBTHKNOA / 438804IH**
-- ½ in 12th Grade **IBTHKNOB / 438816IH**
Grade Levels 11-12
Prerequisite Full IB Candidate

This course stimulates critical reflection upon the knowledge and experiences both inside and outside the classroom, evaluates the bases of knowledge and experience, and develops a personal mode of thought based on critical examination of evidence and argument. Theory of Knowledge is assessed by the course teacher whose grades are subject to external regulation by the International Baccalaureate Organization.