



2026-2027 HIGH SCHOOL PROGRAM OF STUDIES

AYEYARWADDY INTERNATIONAL SCHOOL



Empowering students to lead the future



**No. 25(B), 52nd St., Between
33rd & 34th Streets, Chan Aye
Tharzan Township, Mandalay,
Myanmar**



**+(95-9) 265459667,
265459668,
265459669**



www.ais.edu.mm



A Letter from Head of School

Dear Students and Families,

Welcome to this year's *AIS Program of Studies* for grades 9-12. Whether you are returning to our school community or joining us for the first time, we are excited to partner with you as we navigate the academic journey ahead.

This handbook serves as a valuable guide to the wide range of courses, programs, and learning opportunities available to our high school students. From core academic subjects to diverse electives and specialized programs, our offerings are designed to meet the needs, interests, and aspirations of every learner.

We believe that thoughtful course selection is a key part of a student's high school experience. This document includes essential information about graduation requirements, academic pathways, and the many resources available to support students in their educational planning. You will also find guidance on promotion policies, grading practices, and post-secondary preparation.

As students plan their academic paths, we encourage close collaboration between families, counselors, teachers, and administrators. Together, we can help students build a meaningful and well-rounded high school experience that prepares them not only for graduation but for a successful future beyond our campus.

Please take time to review this handbook carefully. We hope it sparks curiosity, conversation, and a sense of possibility. We are committed to supporting each student as they explore their passions, set goals, and grow into confident, capable young adults.

We look forward to a year of learning, growth, and achievement.

Warm regards,

Mark Pleasants, M.Ed.

AIS Head of School

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General Information

AIS MISSION

Ayeyarwaddy International School serves preschool to Grade 12 students as an academic institution dedicated to the development of creativity and the enhancement of quality of life, producing educated and self-directed individuals.

2026/2027 UPDATE

AIS language expectations were updated in the 2024-2025 school year where every student was required to take Myanmar as a core class. Due to this change, Myanmar will count as the home language credit needed for graduation from AIS. Other languages will be offered as electives and will count toward elective credits. The Myanmar language class offered will begin with the basic language and develop into a more advanced class as the students move through the program. By the start of the 2028 school year, the senior class will take the highest level for high school.

All students must earn a minimum of 26 credits in grades nine through twelve. Students are scheduled to take (8) credits per year.

This is the status as of April 2025, assuming no further additions from the Ministry of Education.

GRADING SCALE

Grade	Meaning	Value	GPA
A	Superior	90-100	4
B	Good	80-89	3
C	Satisfactory	70-79	2
D	Poor	60-69	1
F	Failing	59 and below	0

COMPUTATION OF GPA AND WEIGHTED GRADES

Student’s grade point average (GPA) will be computed as follows:

To calculate the GPA for a given semester, the total Quality Points (QP) earned for the grade in each class will be divided by the number of classes taken. For example, if a student had 4 graded classes and earned two “A’s” and two “B’s” the calculation would be $4+4+3+3 = 14$ Total Quality Points which, when divided by four total classes, yields a semester GPA of 3.5.

Advanced Placement (AP) courses receive additional weighting in recognition of their increased academic rigor. Students enrolled in an AP course receive an additional 0.5 Quality Point for that course. Students who complete the AP course and sit the corresponding AP examination receive a total additional weighting of 1.0 Quality Point.

Using the previous example, if the first “A” was in an AP course and the last “B” was in an AP course, the calculation would be $4.5+4+3+3.5 = 15$ Total Quality Points. When divided by four classes, this total yields a semester GPA of 3.75. Additionally, if the student took the AP exam, the calculation would be $5+4+3+4 = 16$ Total Quality Points. When divided into four classes, this total yields a semester GPA of 4.0 on a 5.0 scale. Students who are enrolled in AP courses but do not take the associated AP exam will be awarded 4.5 quality points (cf. chart below).

Students enrolled in Advanced Placement (AP) courses are expected to sit the corresponding AP examinations. Students taking one or two AP courses must sit the examination for each course in which they are enrolled. Students taking three AP courses must sit all three examinations. For students enrolled in four or more AP courses, three AP examinations is the minimum requirement, although students are encouraged to sit additional AP examinations where appropriate.

STUDENTS’ GRADE POINT AVERAGE WILL BE DETERMINED BY ASSIGNING POINT VALUES TO COURSES AS FOLLOWS: QUALITY POINTS PER CREDIT

Advanced Placement with AP Exam	Advanced Placement without Exam	All Other Courses
A – 5	A – 4.5	A – 4
B – 4	B – 3.5	B – 3
C - 3	C - 2.5	C - 2
D - 2	D - 1.5	D - 1
F - 0	F - 0	F - 0

CREDIT RECOVERY

Students must repeat a failed course to earn credit.

Both the original and repeated course grades will be reflected on the student's transcript.

Only the repeated course grade will be calculated into the student's grade point average



TRANSFER STUDENTS

If a particular grade is weighed at the school from which a student transfers and Ayeyarwaddy International School weighs the grade for the same course, the transferred grade will be weighed.

If a particular grade is weighed at the school from which a student transfers but Ayeyarwaddy International School does not weigh the grade for the same course, the transferred grade will not be weighted.

If a course is noted as an Advanced Placement and the same course is weighted at Ayeyarwaddy International School, the grade will be weighted even if the previous school did not weigh the course.

If the appropriate GPA weight for a transfer course is unclear, the divisional principal's designee will research the content and rigor of the course to determine the weight of the course.

Preliminary Scholastic Aptitude Test (PSAT)

- The PSAT measures verbal and math reasoning skills as well as writing mechanics skills.
- Students can use it to practice for the SAT, identify academic strengths and weaknesses, and select AP courses in which they are likely to score a 3 or more.
- The PSAT (PSAT/NMSQT version) is required and free of charge for all 10th graders. 8th and 9th graders may elect to pay for and take the PSAT8/9 at the same time as 10th graders during the school day in October each year.
- 11th graders should focus on taking the SAT.

Scholastic Aptitude Test (SAT)

- The SAT test measures critical reading, mathematics, and writing mechanics skills.
- Standardized test scores such as the SAT are often required as part of the college admissions process.
- Students are encouraged to sit for the SAT in eleventh grade and may repeat the test two or more times.
- The SAT tests are given at AIS several times each year.
- Students must create an account, register, and pay online at least four weeks prior to the test date at www.collegeboard.com.

Note that the SAT Essay section, and SAT subject tests were eliminated in June 2021.



SAT[®]

PSAT/NMSQT[®]

GRADUATION REQUIREMENTS

English Language	English (4 Credits) Students are required to complete: English I → English II → English III → English IV or complete an Advanced Placement (AP) English course. <i>Course order may vary depending on the students individual case.</i>
Mathematics	Mathematics (4 Credits) Students complete a sequence including: Geometry → Algebra I → Algebra II → one or more Advanced Mathematics Coursework. <i>Course order may vary depending on the students individual case.</i>
Science	Science (4 Credits) Students are required to complete: Biology → Physics → Chemistry → One or More Advanced Science Courses. <i>Course order may vary depending on the students individual case.</i>
Social Studies	Social Studies (4 Credits) Students are required to complete: World History I → Three Additional Social Studies Courses (Standard or Advanced). <i>Course order may vary depending on the students individual case.</i>
Myanmar	Home Language (4 Credits) Students are required to complete: Myanmar I → Myanmar II → Myanmar III → Myanmar IV
Fine Arts	1 Credit
PE	1 Credit
Electives	Electives (4+ Credits) Students complete additional credits through courses selected from the categories above and/or elective coursework.

SCHEDULING AND COURSES

A specific deadline for course changes is established each year. After the first two weeks of instruction, students will not be allowed to drop out of a course unless extenuating circumstances exist as determined by the principal. Special circumstances may necessitate a change in course selection after this deadline:

- Incomplete schedule
- Unmet prerequisite requirements
- Level changes reviewed on a case-by-case basis in consultation with the student, parent, teacher, and school counselor

Note that:

- Change requests from students or their parents may not be honored because such changes impact master schedule balance
- Final approval for schedule change requests rests with the principal

ADVANCED PLACEMENT (AP)

AIS offers a program of 23 Advanced Placement (AP) courses, subject to staff availability and sufficient enrollment. AP courses prepare students to take the external AP examination administered by the US-based College Board. Sufficiently high AP scores (3, 4, or 5) may earn a student advanced standing or university credit at many US colleges. The same scores are recognized as a robust proof of solid college preparation for universities anywhere in the world. AP scores come solely from the AP exams written in May. Students are recommended for these courses based on ability, AP Potential/PSAT scores, met prerequisites, and work ethics.

AP courses, taught by dedicated and trained high school teachers, lay the groundwork for students to succeed at the collegiate level.

- Students taking Advanced Placement (AP) courses are expected to sit the corresponding AP examinations. Students enrolled in three or more AP courses are expected to complete a minimum of three AP examinations.
- Students and parents are responsible for the cost of the AP exams.
- AP exams are administered in May of each year on international test dates set by the AP program.
- Careful consideration should be given in selecting AP courses.
- Self-studied AP examinations are not recorded as courses on the school transcript and do not receive GPA weighting.
- Grades earned in an AP class are determined by the teacher and are separate from the official AP examination score awarded by the College Board; therefore, a student's classroom grade should not be considered an indication of the score they will receive on the AP examination. When universities require AP examination results as part of an application, the official AP score reported through the student's College Board account is the recognized examination result used to support the application.

AP[®]

Course Sequence students will meet with their counselor each year to personalize their 4-year plan				
Subjects	Grade 9	Grade 10	Grade 11	Grade 12
Language Arts	English I	English II	English III AP Literature & Composition or AP English & Composition	English IV AP Literature & Composition or AP English & Composition
Social Studies	World History I	World History II Human Geography AP Human Geography Economics Current Events	Psychology Economics Current Events AP Human Geography AP Psychology AP World History Modern AP European History AP Microeconomics AP Macroeconomics	Psychology Current Events AP Human Geography AP Psychology AP World History Modern AP European History AP Microeconomics AP Macroeconomics
Math	Algebra I	Algebra II	Precalculus Statistics AP PreCalculus AP Calculus AB AP Statistics	Calculus Statistics AP Precalculus AP Calculus AB AP Calculus BC AP Statistics
Science	Biology* (8 th grade) Physics* Environmental Science	Chemistry* AP Physics I Environmental Science	Environmental Science Anatomy and Physiology AP Environmental Science AP Biology AP Chemistry AP Physics I AP Physics C (Electricity & Magnetism) AP Physics C (Mechanics)	Environmental Science Anatomy and Physiology AP Environmental Science AP Biology AP Chemistry AP Physics I AP Physics C (Electricity & Magnetism) AP Physics C (Mechanics)
Myanmar	Myanmar Language I	Myanmar Language II	Myanmar Language III	Myanmar Language IV
Required Elective PE (1)	Kinesiology - Health & PE	_____	_____	_____
Electives	Spanish I French I Intermediate Strings Music - Performance Music - Orchestra Choir HS Art Creative Writing Theater ICT **Math & English Advancement **Mathematical Models with Applications **English Advancement <i>**required for graduation **per teacher recommendation only</i>	PE: Advanced Team Sports Spanish I & II French I & II Music - Composition Music - Performance Music - Orchestra Choir HS Art or AP 2D Art&Design or AP Drawing Creative Writing Theater I and II ICT Psychology AP Business w/ Personal Finance SAT Prep & AI Ethics Film Studies **Mathematical Models with Applications **English Advancement <i>**required for graduation **per teacher recommendation only</i>	PE: Advanced Team Sports Spanish I, II (III & IV) French I, II (III & IV) Music - Composition Music - Orchestra Choir HS Art or AP 2D Art&Design or AP Drawing Creative Writing Theater I and II ICT AP Computer Science Principles AP Cybersecurity Psychology AP Business w/ Personal Finance SAT Prep & AI Ethics Film Studies **Mathematical Models with Applications **English Advancement <i>**required for graduation **per teacher recommendation only</i>	PE: Advanced Team Sports Spanish I, II (III & IV) French I, II (III & IV) Music - Performance Music - Orchestra Choir HS Art or AP 2D Art&Design or AP Drawing Creative Writing Theater I and II ICT AP Computer Science Principles AP Cybersecurity Psychology AP Business w/ Personal Finance SAT Prep & AI Ethics Film Studies AI for Social Impact **Mathematical Models with Applications **English Advancement <i>**required for graduation **per teacher recommendation only</i>
The subjects listed for each grade level in this document are provided as examples and are subject to change. Course offerings may vary depending on student demand, class size, teacher availability and scheduling, staffing, and other academic or operational considerations.				

Course Descriptions

ENGLISH LEARNERS

EL Literacy Skills	Prerequisite: none	Year-Long	Course No. EN002
Elective			1 Credit
This course is intended for eligible English Learners to support their acquisition of English. The goal of the course is to increase reading levels and increase language acquisition with a focus on the overall literacy domains (reading and writing). Comprehension, decoding, and writing strategies will be addressed to better support students’ academic success with high school course work. **Students will receive an elective credit for this class.			

EL Integrated Science	Prerequisite: none	Year-Long	Course No. SC004
Elective			1 Credit
This course is designed to provide some background knowledge of science terms and concepts in English. In particular, instruction will focus on front-loading the vocabulary and initial concepts of Biology since this is the first required course English Learners must successfully complete toward graduation requirements. This course is designed to support English Learners who are an overall level 1 or 2 on the WIDA ACCESS test. **Students will receive an elective credit for this class.			

EL Algebra Readiness	Prerequisite: none	Year-Long	Course No. MA003
Elective			1 Credit
This course is for English Learners that are new to English or are two or more years behind in math. Basic math skills will be reviewed, and vocabulary will be practiced throughout the school year. This course provides specific strategies for introducing and developing language in mathematics that will help students build skills essential to comprehending higher level math classes. Concrete and collaborative learning experiences using technology are emphasized throughout the course. Placement will be based upon student request, teacher recommendations, and previous math/WIDA assessments. This course will meet every day on the A/B schedule. **Students will receive 2 elective credits for this class			

Math & English Advancement	Prerequisite: none	Year-Long	Course No. EN001
Math/English: Grades 8 – 12			1 credit: Mathematics or English (or 0.5 credit in each)

This course is designed to support students who are English language learners or have identified learning needs that make grade-level mathematics challenging. This course provides targeted instruction that strengthens both math skills and academic English, helping students build the confidence and strategies needed for success in their core math classes. Through a combination of direct instruction, guided practice, and individualized support, students will:

- Develop essential math concepts and problem-solving strategies.
- Strengthen math-related vocabulary and academic language.
- Apply skills to real-world contexts to deepen understanding.
- Build study habits, organizational strategies, and perseverance in learning.
- This course emphasizes a supportive, inclusive environment where students receive the scaffolding they need to progress toward grade-level expectations while developing the language and skills necessary for long-term academic success.

ENGLISH			
English I	Prerequisite: none	Year-Long	Course No. EN901
Grade: 9			1 Credit
The grade 9 English curriculum is designed to develop students’ foundational skills in reading, writing, speaking/listening, language conventions, and critical thinking. Units are guided by an essential question, using fiction, nonfiction, poetry, and drama to explore key concepts. Students are assessed in a variety of ways, including essays, formal and informal discussions/debates, oral and multimedia presentations, and research.			
English II	Prerequisite: English I	Year-Long	Course No. EN1001
Grade 10			1 Credit
Grade 10 English involves students continuing to build on the knowledge and skills which they acquired during previous years. This is done by increasing the level of various texts read across genres, albeit fiction, fact, poetry or drama. Analytical skills are honed while investigating American historical texts. A critical response is developed to various perspectives through exposure to influential voices in literature. Students learn to take a stance in evidence-based arguments and discover their own voice, using a variety of mediums. Assessment is done through a range of learning tasks and activities - including individual, group and pair work, drama presentations, research and narrative writing.			
English III	Prerequisite: English II	Year-Long	Course No. EN1101
Grade 11			1 Credit
Grade 11 English focuses on close reading, textual deconstruction and effective writing skills to enable students to become efficient communicators. Literary selections feature works of American Literature and those in translation. Course reading is conducted in units through the text HMH into Literature 11 which includes a diverse range of genres such as novels, short stories, poetry, drama, nonfiction and literary theory. Students will use a variety of writing formats including analysis, interpretation, poetry, narration, description, comparison/contrast, cause and effect and the essay. In addition, they will learn to write for a variety of audiences. They will refine their oral presentation skills and speech through classroom presentations. Finally, they will learn the inextricable bond between language and literature, becoming creative and critical thinkers.			
English IV	Prerequisite: English III	Year-Long	Course No. EN1201
Grade 11 or 12			1 Credit
Grade 12 English is a broad and balanced language arts program based on the evolution of English learning accumulated over the high school years and focused on university and college preparedness. At its conclusion, students are equipped to be able to enter post-secondary study facilities or the workplace successfully. It is an academically rigorous course, focusing intensively on examining and dissecting texts, writing college-level research papers, presenting and engaging in rhetoric, and active listening.			
AP English Language & Composition	Prerequisite: English II with a grade A	Year-Long	Course No. ENAP01
Grade 11 or 12			1 Credit
AP English Language and Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics and rhetorical situations, claims and evidence, reasoning, organization, and style.			

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ENGLISH

AP English Literature & Composition	Prerequisite: English II with a grade A	Year-Long	Course No. ENAPo2
Grade 11 or 12			1 Credit
AP English Literature and Composition is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works.			

English Advancement	Prerequisite: None	Year-Long	Course No. EN001
Grade: 9-12			1 Credit
English Advancement is designed for students in Grades 9–12 who benefit from a structured and supportive approach to developing their English language and academic literacy skills. The course strengthens reading comprehension, vocabulary, grammar, writing, speaking, and communication, with particular emphasis on the skills required for success across high school subjects. Students develop greater accuracy, confidence, fluency, and independence in using English for academic purposes.			

MATHEMATICS			
Geometry	Prerequisite: none	Year-Long	Course No. MA8o1
Grade 8-9			1 Credit
This course is offered at the middle school to ensure students are ready to achieve and advance in math at the high school level. The focus is on the properties of geometric figures, trigonometric relationships, and reasoning to justify conclusions. Methods of justification will include deductive reasoning, proofs, algebraic methods, and verbal arguments. This course includes emphasis on two- and three-dimensional reasoning skills, coordinate and transformational geometry, and the use of geometric models to solve problems. Applications and some general problem-solving techniques, including algebraic skills, will be used. Technology will be used to enhance student learning.			
Algebra I	Prerequisite: none	Year-Long	Course No. MA9o1
Grade 9			1 Credit
This course is a high school introduction to algebra. Students will use algebra as a tool for representing and solving a variety of practical problems. Content will involve making connections between arithmetic reasoning, algebraic expressions, algebraic equations, and coordinate geometry in order to attach meaning to abstract concepts. Problem-solving skills will be emphasized. The use of technology will be implemented to enhance student learning.			
Algebra II	Prerequisite: Algebra I	Year-Long	Course No. MA10o1
Grade 10			1 Credit
This course will examine advanced algebraic concepts through the study of functions, “families of functions”, polynomials, rational and radical equations, complex numbers, probability and statistics, and sequences and series. Quadratic, logarithmic, and exponential functions are also studied. Practical use of technology will enhance student learning.			
Pre-Calculus	Prerequisite: Algebra II	Year-Long	Course No. MA11o1
Grade 10-11			1 Credit
This course teaches students trigonometry and exponential and logarithmic functions. Other topics will include algebraic and transcendental functions, parametric and polar equations, sequences and series, vectors and further application of probability, statistics and matrix algebra. Students will be introduced to mathematical limits and their applications.			
AP Pre-Calculus	Prerequisite: Algebra II with a grade of A or teacher recommendation	Year-Long	Course No. MAAPo1
Grade 11-12			1 Credit
AP Precalculus prepares students for other college-level mathematics and science courses. Through regular practice, students build deep mastery of modeling, trigonometry and exponential and logarithmic functions, and they examine scenarios through multiple representations. Other topics will include algebraic and transcendental functions, parametric and polar equations, sequences and series, vectors and further application of probability, statistics and matrix algebra. Students will be introduced to mathematical limits and their applications. The course framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science.			

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MATHEMATICS			
Calculus	Prerequisite: Pre-Calculus	Year-Long	Course No. MA1201
Grade 12			1 Credit
This course covers mathematical limits, continuity, differentiation techniques, and techniques of integration for algebraic and transcendental functions. Differentiation and integration will be applied in a variety of ways for several fields of study. Applications of the definite integral will be explored.			
AP Calculus AB	Prerequisite: Precalculus or four high school Mathematics credits	Year-Long	Course No. MAAPo2
Grade 12			1 Credit
AP Calculus AB is a rigorous, college-level mathematics course that introduces students to the fundamental concepts and applications of differential and integral calculus. Students begin with limits and continuity before progressing to derivatives and their applications, including rates of change, graph analysis, optimization, and relationships among position, velocity, and acceleration. The course then explores integration, including definite and indefinite integrals, the Fundamental Theorem of Calculus, and applications involving area, volume, motion, and accumulation of change. Students also study differential equations, slope fields, and applications involving exponential growth and decay. Throughout the course, students develop strong analytical, problem-solving, and mathematical reasoning skills and prepare for the AP Calculus AB examination and further university-level study in mathematics and other quantitative fields.			
AP Calculus BC	Prerequisite: Precalculus or four high school Mathematics credits	Year-Long	Course No. MAAPo3
Grade 12			1 Credit
AP Calculus BC is a rigorous, college-level mathematics course that covers all topics included in AP Calculus AB while extending the study of differential and integral calculus to more advanced concepts. Students study limits, continuity, derivatives, applications of differentiation, integration, differential equations, and applications of definite integrals. The course extends these concepts through advanced integration techniques, parametric equations, polar coordinates, vector-valued functions, and infinite sequences and series, including Taylor and Maclaurin series. Students apply calculus to problems involving motion, area, volume, rates of change, and mathematical modeling. Throughout the course, students develop advanced analytical, problem-solving, and mathematical reasoning skills and prepare for the AP Calculus BC examination and further university study in mathematics, engineering, computer science, physics, economics, and other quantitative fields.			
Introduction to Statistics	Prerequisite: Algebra II	Year-Long	Course No. MA001
Grade 11-12			1 Credit
Statistics introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data, (exploring data, sampling and experimentation, probability and simulation, and statistical inference). Throughout the course, students will engage in various activities that promote problem-solving and critical thinking. They will use technology, investigations, and writing to build their conceptual understanding of statistics. They will be able to select appropriate statistical methods for data analysis; describe and interpret data patterns and relationships, and develop statistical arguments based on evidence from data.			

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MATHEMATICS

AP Statistics	Prerequisite: Algebra II with grade A or statistics	Year-Long	Course No. MAAPo4
Grade 11-12			1 Credit
The AP Statistics course adds more depth and complexity to the students’ understanding of the major concepts and tools for collecting, analyzing, and drawing conclusions from data, deepening their ability to explore data, sampling and experimentation, probability and simulation, and statistical inference. The framework focuses on three big ideas that encompass the principles and processes in the discipline of statistics. It also encourages instruction that prepares students for advanced coursework in statistics or other fields using statistical reasoning and for active, informed engagement with a world of data to be interpreted appropriately and applied wisely to make informed decisions. Selecting appropriate statistical methods for data analysis; describing and interpreting data patterns and relationships and developing statistical arguments based on evidence from data inform class assignments and activities.			

Math/Algebra II	Prerequisite: None	Year-Long	Course No. MA002
Grade: 9-12			1 Credit
Math/Algebra II is designed for students in Grades 9–12 who benefit from a structured and supportive approach to mathematics. The course strengthens essential mathematical foundations while developing Algebra II concepts, including equations and inequalities, functions, polynomials, exponential and logarithmic relationships, systems of equations, and problem-solving. Emphasis is placed on building mathematical confidence, accuracy, conceptual understanding, and practical problem-solving skills while preparing students for continued high school mathematics.			

SOCIAL STUDIES			
World History I	Prerequisite: Western and Eastern Geography (Grade 8)	Year-Long	Course No. SS901
Grade: 9			1 Credit
This course explores the development of human societies from prehistoric times through the European Renaissance (prehistory–1500 CE). Students examine the rise of major civilizations in Mesopotamia, Egypt, India, China, Greece, and Rome, and how geography, belief systems, trade, and conflict shaped their growth. Emphasis is placed on the origins of major religions, the development of classical empires, and the cultural exchanges that connected early civilizations. Using concepts and methods from history and the social sciences, students investigate how ancient and medieval societies laid the foundations for the modern world.			
World History II	Prerequisite: World History I	Year-Long	Course No. SS1001
Grade 10			1 Credit
This course is designed to challenge students about the continuing examination of Western Civilization and the impact of non-Western civilizations upon the West from the Age of Absolute Monarchs in Europe (1500-1800) to the Age of Global Independence (1960-2015). Contemporary emphasis is placed upon current crises, international relations, and the increasing interdependence of nations. Concepts and techniques employed by historians, archaeologists, and other social scientists are explored. World History II examines how modern world history, including the industrial revolution, has been shaped by the past, how nations and empires are born, rise, interact, and sometimes fall. Students are introduced to concepts such as colonialism, imperialism, genocide, deductive & inductive reasoning, globalization, and the importance of ethical, political, economic, and scientific ideas in shaping nations.			
Economics	Prerequisite: None	Year-Long	Course No. SS001
Grade 10-12			1 Credit
This introductory economics course introduces students to fundamental principles of economics. Students will explore how individuals and businesses make economic decisions, how markets function, and how income is distributed. The course also examines broader economic systems, focusing on national income, price levels, and economic growth. Key topics include market structures, government policies, financial systems, and international trade. Throughout the course, students will analyze real-world economic issues using graphs, charts, and data. This course provides a strong foundation in economics without the rigor of an AP-level curriculum and is a prerequisite for either of the AP economic courses.			
Psychology	Prerequisite: None	Year-Long	Course No. SS002
Grade 10-12			1 Credit
The introductory Psycholgy course will be afford the opportunity for students to survey the major principles that surround human behavior on an individual basis. It includes an overview of the history of psychology, psychological frameworks, human development, social interaction, as well as learning and motivation. This course will help students to develop an analytical skill set to identify the basic biological, mental and social aspects of personality. This course prepares the student to explore Psychology at the AP level.			
Current Events	Prerequisite: None	Year-Long	Course No. EL009
Grade 10-12			1 Credit
Current Events is a course focused on understanding and staying informed about local and global issues. Students begin by learning how to evaluate sources, identify bias, and think critically about information. They then take turns presenting news topics of their choice and leading class discussions. Topics may range from world events and local developments to culture, technology, and entertainment.			

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SOCIAL STUDIES

AP Psychology	Prerequisite: Psychology OR an A in previous social studies courses OR teacher recommendation	Year-Long	Course No. SSAPo7
Grade 11-12			1 Credit
The AP Psychology course is a college-level course that introduces students to the systematic and scientific study of human behavior and mental processes. While considering the studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with major units of study, including biological bases of behavior, cognition, development, learning, social psychology, personality, and mental and physical health. Throughout the course, students apply psychological concepts and employ psychological research methods and data interpretation to evaluate claims, consider evidence, and effectively communicate ideas.			

AP World History: Modern	Prerequisite: World History 2	Year-Long	Course No. SSAPo4
Grade 11-12			1 Credit
AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.			

AP European History	Prerequisite: World History 2	Year-Long	Course No. SSAPo5
Grade 11-12			1 Credit
AP European history is a college-level course in which students investigate significant events, individuals, developments, and processes from approximately 1450 to the present. The course provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: Interaction of Europe and the world, economic and commercial development, cultural and intellectual development, states and other institutions of power, social organization and development, national and European identity, and technological and scientific innovations.			

AP Microeconomics	Prerequisite: Economics or an A in Alg II or Statistics, or teacher recommendation	Year-Long	Course No. SSAPo1
Grade 11-12			1 Credit

AP Microeconomics is a college-level introductory economics course that examines how individuals, businesses, and markets make decisions about the allocation of limited resources. Students study fundamental economic concepts such as scarcity, opportunity cost, supply and demand, elasticity, consumer choice, production and costs, and market equilibrium. The course explores different market structures, including perfect competition, monopoly, monopolistic competition, and oligopoly, and examines how firms make decisions about pricing, production, and profit. Students also investigate labor and factor markets, income distribution, market failure, externalities, public goods, and the role of government in the economy. Throughout the course, students use graphs, data, mathematical models, and economic reasoning to analyze real-world situations and prepare for the AP Microeconomics examination and further study in economics, business, finance, and related fields.

SOCIAL STUDIES

AP Macroeconomics	Prerequisite: Economics or an A in Alg II or Statistics, or teacher recommendation	Year-Long	Course No. SSAPo2
Grade 11-12			1 Credit
AP Macroeconomics is a college-level introductory economics course that examines how entire economies function and how governments respond to economic challenges. Students study topics such as economic growth, inflation, unemployment, GDP, fiscal and monetary policy, banking and financial markets, interest rates, international trade, and exchange rates. The course develops students’ analytical, quantitative, and economic reasoning skills and is particularly relevant for students interested in economics, business, finance, international relations, public policy, or related social sciences.			

Human Geography	Prerequisite: None	Year-Long	Course No. SS1002
Grade 10			1 Credit
Human Geography examines how people interact with places, environments, and one another across the world. Students explore topics such as population, migration, culture, urbanization, economic development, political systems, and globalization while analyzing how human activity shapes societies and geographic spaces. The course develops critical thinking, research, and analytical skills through the study of global patterns and contemporary issues.			

AP Human Geography	Prerequisite: An A in previous social studies courses or teacher recommendation	Year-Long	Course No. SSAPo3
Grade 10-12			1 Credit
AP Human Geography is a college-level course that examines the relationship between human populations, cultures, political systems, economies, and the environment. Students explore topics including population and migration, cultural patterns, urbanization, agriculture, economic development, and globalization while analyzing spatial relationships and geographic trends. The course emphasizes critical thinking, data interpretation, map analysis, and prepares students for the AP Human Geography examination.			

SCIENCE			
Biology	Prerequisite: none	Year-Long	Course No. SC8o1
Grade: 8-9			1 Credit
This course provides students with the fundamental concepts needed to give them a broad background in basic biology. Although some knowledge of detail is always necessary for a course of this type, every effort is made to stress overall concepts at the expense of detail. Students begin the course by studying how biologists solve a scientific (biological) problem. This is accomplished by studying the thinking (both correct and incorrect) that went into formulating some of our basic biological theories. Other major topics include basic morphology and physiology of the cell, photosynthesis and cellular respiration, the biology of representative plant and animal groups, heredity and evolution and basic ecological principles. Laboratory activities serve to give practical applications of some of the basic concepts formed throughout the course.			
AP Biology	Prerequisite: Biology and Chemistry	Year-Long	Course No. SCAPo1
Grade 11-12			1 Credit
This course is accordance with the requirements of the College Board and places high demands on students with regards to time, energy and academic preparation. Emphasis is placed on “overarching concepts which recur, connect and unify our understanding of topics” central to the study of living organisms as well as specific concepts which “enhance understanding of how and why particular processes or patterns occur” (College Board, 2005). Major themes stressed throughout AP Biology, in both classroom and laboratory settings, include science as a process, evolution, energy transfer, continuity and change, relationship of structure to function, regulation, interdependence in nature and science, technology and society.			
Chemistry	Prerequisite: Algebra 1	Year-Long	Course No. SC1001
Grade 10			1 Credit
This course includes classification of matter, chemical equations, atomic structure, chemical bonding, acid-base chemistry, nuclear chemistry, and organic chemistry. Students complete a variety of laboratory experiments designed to reinforce and expand upon classroom discussions. Specific math concepts are briefly reviewed prior to their application. Grades are based upon tests, laboratory reports, homework assignments, and a research paper/ project.			
AP Chemistry	Prerequisite: Chemistry and enrolled in/completed Alg II	Year-Long	Course No. SCAPo2
Grade 11-12			1 Credit
The course is designed in accordance with the requirements of the College Board and may be taken only after the successful completion of Chemistry with an “A” or “B” grade. Emphasis is placed on quantitative aspects of chemical systems and the mathematical formulation of principles. The topics covered are stoichiometry, thermochemistry, electron arrangement, bonding, molecular geometry, aqueous reactions, kinetics, equilibrium, acids and bases, oxidation and reduction, electrochemistry, nuclear chemistry, and organic chemistry.			
Physics	Corequisite: Algebra I	Year-Long	Course No. SC9o1
Grade: 9-10			1 Credit
This course is a study of complex experimentation, data analysis, using reasoning and logic to evaluate evidence. The use of mathematics including Algebra II and trigonometry is important, but conceptual understanding of the physical systems is the primary concern. Key areas include force and motion, energy transformations, wave phenomena and electromagnetic spectrum, light, electricity, fields, and non-Newtonian physics. This course stresses practical application of physics and problem solving. It is the goal of this course to teach physics in a way that prepares students for college.			

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SCIENCE			
AP Physics I (Algebra-based)	Prerequisite: Physics, Algebra I and Chemistry with a grade of A or science teacher recommendation	Year-Long	Course No. SCAPo4
Grade 11-12			1 Credit
AP Physics 1 is equivalent to a one-semester introductory college course in algebra-based physics. The course emphasizes a conceptual understanding of physics principles through hands-on laboratory work, inquiry-based learning, and problem-solving skills. The curriculum is organized into eight units: Kinematics (the study of motion in one and two dimensions), Dynamics (understanding forces and Newton's laws of motion), Energy (concepts of work, energy, power, and conservation laws), Momentum (the relationship between force, time, momentum, and conservation of momentum), Torque and Rotational Motion (analyzing the motion of objects that rotate and the forces involved), Energy of Rotating Systems, Oscillations and Waves (exploring simple harmonic motion and wave properties), and Fluid Mechanics.			
AP Physics C (Calculus-based) Mechanics	Pre-requisite: Physics Co-requisite: Calculus or AP Calculus	Year-Long	Course No. SCAPo5
Grade 11-12			1 Credit
AP Physics-C Mechanics covers the same 8 units covered in AP Physics 1 adding the complexity of calculus in its modeling and applications (cf. AP Physics 1 description). It is the equivalent of a calculus-based first-semester college physics course. These topics include rectilinear kinematics, motion of rigid bodies in multiple dimensions, fundamental concepts of vectors, Newtonian mechanics, simple harmonic oscillators, dynamics of systems of particples, conversation of mechanical energy, and gravitational forces. Students must be co-enrolled in a calculus class or have taken one successfully.			
AP Physics C (Calculus-based) Electricity & Magnetism	Pre-requisite: Physics Co-requisite: Calculus or AP Calculus	Year-Long	Course No. SCAPo6
Grade 11-12			1 Credit
AP Physics C: Electricity and Magnetism is a calculus-based, college-level physics course, especially appropriate for students planning to major in one of the physical sciences or engineering. These topics include: Electric Charges, Fields, and Gauss's Law, Electric Potential, Conductors and Capacitors, Electric Circuits, Magnetic Fields and Electromagnetism, and Electromagnetic Induction. Students must be co-enrolled in a calculus class or have taken one successfully.			
Environmental Science	Prerequisite: none – taken in addition to Biology, not in place of Physics	Year-Long	Course No. SC0o1
Grade 9-12			1 Credit
This course is an introductory course designed to explore the physical world. This course will show the connection between science, technology, and society. Students will apply prior scientific knowledge to current environmental issues and will become a better-informed citizen and decision-maker. In this class, there will be an emphasis on hands-on activities and laboratory exercises that promote problem solving, refine laboratory procedures, and reinforce reading, writing, and math skills.			

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SCIENCE			
AP Environmental Science	Prerequisite: Biology and Chemistry	Year-Long	Course No. SCAPo3
Grade 11-12			1 Credit
This course is designed for students who want to gain a greater understanding of the complex relationship between human societies and problems that face our environment today. Through global case studies, students will gain a broad perspective on the causes and consequences of environmental degradation and possible solutions that may create a more sustainable world. The course will include discussions on ethical, economic and social choices as they relate to our environment, including an historical perspective, population growth models and understanding environmental policies. Students will also examine our interaction and reliance on natural systems and resources including those of the atmosphere, water, soil and Earth’s energy resources.			
Anatomy and Physiology	Prerequisite: Biology and Chemistry	Year-Long	Course No. SC0o3
Grade 11-12			1 Credit
Fundamentals of Anatomy & Physiology gives students in-depth instruction in the organization, structures, and functions of the human body. Students will learn the terminology, anatomy and physiology, and pathology of each body system and how they interrelate to maintain homeostasis.			

FOREIGN LANGUAGES

Spanish I	Prerequisite: none	Year-Long	Course No. ML902
Grade 9-10			1 Credit
In this course, students will successfully begin their language acquisition process through consistent and constant exposure to the Spanish language and comprehensible input. This course will introduce students to high frequency Spanish vocabulary to develop their communication skills and proficiency in a broad range of authentic topics. Language and culture are taught simultaneously, allowing Spanish students the opportunity to develop cultural understanding.			

Spanish II	Prerequisite: Spanish I	Year-Long	Course No. ML1002
Grade 10-12			1 Credit
In this course, students will advance in their language acquisition process through consistent and constant exposure to the Spanish language with the use of high frequency Spanish vocabulary. This course continues to explore language and culture simultaneously in order to increase cultural awareness and develop global citizenship.			

Spanish III	Prerequisite: Spanish II	Year-Long	Course No. ML1102
Grade 11-12			1 Credit
In this course, students will refine their Spanish language skills and proficiency through the continuous use of comprehensible input by being exposed to more advanced grammar and language structures, and authentic reading materials. As in Spanish I and II, culture is an essential part of the curriculum.			

Spanish IV	Prerequisite: Spanish III	Year-Long	Course No. ML1202
Grade 12			1 Credit
This course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. It is taught primarily in Spanish to develop students’ ability to think and communicate in the target language effectively. Going from the intermediate to advanced level of comprehension is the focus through speaking in dialogue daily, writing and reviewing grammar and sentence structures, and cultural research within the Spanish-speaking world. Students are expected to read about target issues and participate in interactive exchanges about contemporary issues.			

AP Spanish Language and Culture	Prerequisite:Spanish III or teacher recommendation	Year-Long	Course No. MLAP02
Grade 11-12			1 Credit

AP Spanish Language and Culture is equivalent to an intermediate level college course in French. Students cultivate their understanding of French language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and community, personal and public identity, beauty and aesthetics, science and technology, contemporary life, and global challenges.

FOREIGN LANGUAGES

French I	Prerequisite: none	Year-Long	Course No. ML901
Grade 9-10			1 Credit
In this course, students will successfully begin their language acquisition process through consistent and constant exposure to the French language and comprehensible input. This course will introduce students to high frequency French vocabulary to develop their communication skills and proficiency in a broad range of authentic topics, utilizing the ACTFL standards. Language and culture are taught simultaneously, allowing students the opportunity to develop cultural understanding.			

French II	Prerequisite: French I	Year-Long	Course No. ML1001
Grade 10-12			1 Credit
This course builds upon the skills attained in French I. Students will continue to expand their proficiency and communication skills with presentational opportunities, writing dialogues, speaking with partners in a group context to learn about France and Francophone cultures around the world, reading novice to intermediate stories, and participating in interactive spoken or written exchanges.			

French III	Prerequisite: French II	Year-Long	Course No. ML1101
Grade 11-12			1 Credit
In this course, students will refine their French language skills and proficiency through the continuous use of comprehensible input by being exposed to more advanced grammar and language structures, and authentic reading materials. As in French I and II, culture is an essential part of the curriculum.			

French IV	Prerequisite: French III	Year-Long	Course No. ML1201
Grade 12			1 Credit
This course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. It is taught primarily in French to develop students’ ability to think and communicate in the target language effectively. Going from the intermediate to advanced level of comprehension is the focus through speaking in dialogue daily, writing and reviewing grammar and sentence structures, and cultural research within the Francophone world. Students are expected to read about target issues and participate in interactive exchanges about contemporary issues.			

AP French Language and Culture	Prerequisite: French III or teacher recommendation	Year-Long	Course No. MLAP01
Grade 12			1 Credit

AP French Language and Culture is equivalent to an intermediate level college course in French. Students cultivate their understanding of French language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and community, personal and public identity, beauty and aesthetics, science and technology, contemporary life, and global challenges.

HOME LANGUAGE

Myanmar I	Prerequisite: none	Year-Long	Course No. MY901
Grade 9			1 Credit
Myanmar I develops students’ secondary-level proficiency in Myanmar language and literature, with emphasis on reading comprehension, grammar, vocabulary, structured writing, and the study of literary and cultural texts. Students strengthen their ability to communicate ideas clearly and analyze age-appropriate texts.			
Myanmar II	Prerequisite: none	Year-Long	Course No. MY 1001
Grade 10			1 Credit
Myanmar II builds students’ skills in literary analysis, academic writing, reading comprehension, and effective communication. Students engage with increasingly complex texts and develop greater accuracy, depth, and sophistication in written Myanmar.			
Myanmar III	Prerequisite: none	Year-Long	Course No. MY1101
Grade 11			1 Credit
Myanmar III emphasizes advanced language use, critical reading, composition, and literary analysis. Students examine a broader range of texts and develop their ability to interpret, evaluate, and communicate complex ideas in written and spoken Myanmar.			
Myanmar IV	Prerequisite: none	Year-Long	Course No. MY1201
Grade 12			1 Credit
Myanmar IV represents the most advanced level of the high school sequence, emphasizing advanced literacy, critical analysis, formal writing, and Myanmar literature. Students demonstrate mature use of the language while developing a deeper understanding of literary, cultural, and social contexts.			

FINE ARTS			
Music Performance	Prerequisite: None	Year-Long	Course No. FA002
Grade 9-10			1 Credit
A dynamic course for students who want to grow as confident performers. Explore a variety of musical genres, develop technique on your chosen instrument, and learn how to rehearse effectively in both solo and group settings. Students refine stage presence, musical expression, and ensemble skills. Prior knowledge is helpful but not essential. Regular school performances give students authentic opportunities to shine.			
Music Composition	Prerequisite: Intermediate level on a modal instrument	Year-Long	Course No. FA003
Grade 10-11			1 Credit
A creative, project-based course for students who want to write original music. Learn how to craft melodies, harmonies, and chord progressions; create songs in different styles; and compose music for film and media. Students experiment with digital tools, notation software, and recording basics. Prior experience on an instrument is required to support musical decision-making and creativity.			
Orchestra	Prerequisite: First-year Orchestra complete	Year-Long	Course No. FA004
Grade 9-12			1 Credit
A course for students interested in classical music, ensemble playing, and developing strong musicianship. Learn to read standard notation, build technique on violin or piano, and rehearse orchestral repertoire in a supportive group setting. Students gain experience in balance, blend, and musical interpretation while preparing for performances throughout the year.			
Choir	Prerequisite: None	Year-Long	Course No. FA005
Grade 9-12			1 Credit
A vocal course focused on singing in tune, blending with others, and understanding the expressive meaning behind lyrics. Students learn harmony, vocal technique, breath control, and ensemble awareness. Rehearsals emphasize musicality, teamwork, and confident performance. Regular school performances allow singers to share their progress with the community.			
Intermediate Strings	Prerequisite: Beginner Strings	Year-Long	Course No. FA006
Grade 9			1 Credit
Perfect for students ready to expand beyond ukulele. This course develops technique on guitar and bass guitar, focusing on chords, riffs, fingerstyle patterns, and ensemble playing. Students strengthen their musical vocabulary, learn to read chord charts and tabs, and build the skills needed to perform confidently at an intermediate level across multiple string instruments.			

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FINE ARTS

High School Art	Prerequisite: none	Year-Long	Course No. FA001
Grade: 9-12			1 Credit
This course provides students with the opportunity to develop their artwork. To create and culminate a body of work within the process of the whole course program. Students engage in the critical and historical study of the art world to investigate artists, artworks, and audiences from a range of cultural, political, historical, and social perspectives and use these to inform their artmaking practices.			

AP 2-D Art & Design	Prerequisite: HS Art or Art I (8 th) with teacher recommendation	Year-Long	Course No. FAAPo2
Grade: 10-12			1 Credit
In this course, students will experiment with a variety of materials and processes as they develop their drawing skills. At the end of the course, students will submit a portfolio that demonstrates the different drawing abilities taught in the course, which include mark-making, line, surface, space, light and shade, and composition.			

AP Drawing	Prerequisite: HS Art or Art I (8 th) with teacher recommendation	Year-Long	Course No. FAAPo1
Grade: 10-12			1 Credit
The AP Drawing course is an introductory college-level course that allows students to refine their drawing skills while exploring various artistic concepts and techniques. The course is structured around three main components: Sustained Investigation, Selected Works, and Portfolio Development.			

KINESIOLOGY AND HEALTH

Kinesiology 9 – Health & PE	Prerequisite: none	Year-Long	Course No. PE901
Grade 9			1 Credit
This course will split the learning environment for students to include classroom instruction and gym/field activities. As such, the evaluation for the course will take into account both Health Education and Physical Education components. Topics of study include, but are not limited to, Nutrition, Fitness, CPR, Drugs & Alcohol, and Family Life Education. Students will be able to discuss and implement the elements that contribute to a healthy lifestyle. The objectives of this required course for all students include identifying the five components of physical fitness, recognizing skills / activities that will enhance each component, and analyzing former and current physical fitness results. Participation in a variety of sports / movement activities will assist the student in attaining his / her individual fitness goals. Students are required to pass training in emergency first aid, CPR, and the use of AEDs.			

Advanced Kinesiology – Team Sports	Prerequisite: Successful completion of Kinesiology 9	Year-Long	Course No. PEO01
Elective: Grades 10 – 12			1 Credit
This course is for students that have a basic understanding of team concepts, and a desire to play in a competitive environment. Students will focus on rules of play, strategies, and skill application through varied team games. Students will participate regularly in health-enhancing physical activities that contribute to personal enjoyment and the attainment and maintenance of personal physical fitness goals. Students will accept responsibility for taking a leadership role as well as demonstrating the ability to follow in order to accomplish group goals. Within the Advanced Kinesiology – Team Sports course, several levels are obtainable for credit. While taught together for numbers of purposes, each level places different demands and new challenges on the students.			

ELECTIVES			
Creative Writing	Prerequisite: none	Year-Long	Course No. EL007
Grade: 9-12			1 Credit
The AIS creative writing course aims to give students opportunities to explore and develop their own creative writing skills. In this course, students will read, critique, and compose original poetry, short fiction, and creative non-fiction. Students will examine the works of published writers as well as peers to discover, expand, and refine their own skills, voice, and repertoire. The course will culminate in a creative writing portfolio that will demonstrate each student’s strengths and skills and style.			
Theater I and II	Prerequisite: none	Year-Long	Course No. EL008
Grade: 9-12			1 Credit
These courses introduces students to the art of theatre through exploration of performance, dramatic texts, and stagecraft. Students will develop skills in acting, improvisation, voice, movement, and script analysis while also examining key elements of theatre history and production. Emphasis is placed on collaboration, creative problem-solving, and confident communication. Students will have the opportunity to present their performances to the AIS community. Theater II will allow students to develop advanced skills and take on leadership roles in the program.			
Psychology	Prerequisite: none	Year-Long	Course No. SS002
Grade: 10-12			1 Credit
The purpose of this course is to investigate why human beings think and act the way they do. This is an introductory course and will broadly cover several areas. Students will be expected to expand and go further into the topics. Theories and current research will be presented for the student to critically evaluate and understand. Each Module will present the terminology, theories and research that are critical to the understanding of the topic. Assignments and assessments will be included as well as tutorials and interactive drills.			
Information Communications Technology	Prerequisite: none	Year-Long	Course No. EL001
Grade: 9-10			1 Credit
This course builds on students’ foundational digital skills and prepares them for advanced technology use in academic, personal, and professional contexts. Through hands-on, real-world projects, students explore data management, computer networks, web design, multimedia production, and programming while developing creativity, critical thinking, and problem-solving abilities. They gain proficiency in advanced word processing, spreadsheets, databases, and website creation using HTML and CSS, and are introduced to programming with languages such as Python, Scratch, or JavaScript. The course also emphasizes cybersecurity, cloud computing, and the social, ethical, and environmental impacts of technology. By the end of the course, students will be able to effectively apply advanced digital tools for communication and productivity, design and publish digital content, develop and test simple programs, understand how networks and data systems operate, and analyze the broader implications of ICT in today’s connected world.			

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ELECTIVES			
Information Technology in Society	Prerequisite: none	Year-Long	Course No. EL002
Grade: 10-12			1 Credit
The course helps students understand the role and impact of technology in society and how it supports life at home, school, and the wider world. Through both theoretical and practical studies, learners develop digital literacy and problem-solving skills using common software such as word processors, spreadsheets, and presentation tools. They explore computer systems, online safety, communication, and collaboration, while also gaining an introduction to coding and system design. Learners will analyze, design, implement, test and evaluate ICT systems, making sure that they are fit for purpose. There is an emphasis on developing lifelong skills, which are essential in academic success and their future career.			
AP Computer Science Principles	Prerequisite: Algebra I	Year-Long	Course No. ELAP01
Grade: 11-12			1 Credit
AP Computer Science Principles introduces students to the breadth of the field of computer science. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. It provides students with a broad introduction to computer science and how it relates to other fields. The course underscores the importance of communicating solutions appropriately and in ways that are relevant to current societal needs. AP Computer Science courses can help address traditional issues of equity, access, and broaden participation in computing while providing a strong and engaging introduction to fundamental areas of discipline.			
AP Cybersecurity	Prerequisite: None	Year-Long	Course No. ELAP02
Grade: 11-12			1 Credit
AP Cybersecurity is a broad introduction to the field of cybersecurity that aligns closely with a standard first year college introductory cybersecurity course. Students learn about common threats and vulnerabilities, and how those combine to create risk. Students study the ways that individuals and organizations manage risk, and how risk can be mitigated through a defense-in-depth strategy. Students explore specific vulnerabilities, attacks, mitigations, and detection measures across a variety of domains including physical spaces, computer networks, devices, and data and applications. Throughout the course, students consider the impact of cybersecurity on individuals, organizations, governments and societies.			
AI for Social Impact	Prerequisite: None	Year-Long	Course No. EL1201
Grade: 12			1 Credit
This experimental, interdisciplinary course combines AI-assisted tools, Python programming, and project-based learning to foster self-directed exploration across scientific and mathematical domains. Students learn the fundamentals of computer science using the Python coding language and apply their skills to open-ended, real-world problems. Working in small teams, students design simulations, analyze data, and build computational models to test and refine solutions. AI tools support the learning process by helping students scaffold reasoning, experiment with ideas, and iterate solutions—without replacing critical thinking. Through this approach, students develop computational thinking, AI literacy, and independent learning skills, while deepening their understanding of scientific and mathematical concepts through active inquiry and innovation.			

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ELECTIVES

AP Business & Personal Finance	Prerequisite: None	Year-Long	Course No. SSAPo8
Grade: 11 - 12			1 Credit
This is an introductory, college-level course that prepares students to understand how businesses operate while building essential personal financial literacy. Students study core business disciplines—including entrepreneurship, marketing, finance, accounting, and management—through real-world case studies, simulations, and project-based learning. The course emphasizes practical decision-making, strategic thinking, and financial stewardship as students analyze business opportunities and risks. Learners apply their knowledge through hands-on projects such as developing a business model and creating financial plans for individuals or households. The course is designed to prepare students for college majors and careers in business while fostering workforce-ready skills.			

SAT Prep / AI Ethics	Prerequisite: None	Year-Long	Course No. EL003
Grade: 10-12			1 Credit
This year-long course combines SAT preparation with the study of artificial intelligence and ethics. Students develop reading, writing, and mathematical skills for the SAT exam during the first semester, followed by an exploration of ethical issues surrounding AI, including bias, privacy, responsible use, and the social impact of emerging technologies during the second semester.			

Film Studies	Prerequisite: None	Year-Long	Course No. FA007
Grade: 11-12			1 Credit
Film Studies explores cinema as a form of artistic expression, communication, and cultural reflection. Students analyze films through themes, storytelling, cinematography, editing, sound, and visual techniques while examining how film reflects historical, social, and cultural contexts. Students engage in discussion, critical analysis, and creative projects to develop media literacy and interpretive skills. The course provides a Fine Arts or Elective credit.			

9th-12th Grade Course Request 26-27

Student Name: Myanmar ----- English -----

Subjects	Grade 9	Grade 10	Grade 11	Grade 12
Language Arts	English I	English II	English III AP Literature & Composition or AP English & Composition	English IV AP Literature & Composition or AP English & Composition
Social Studies	World History I	World History II Human Geography AP Human Geography Economics Current Events	Psychology Economics Current Events AP Human Geography AP Psychology AP World History Modern AP European History AP Microeconomics AP Macroeconomics	Psychology Current Events AP Human Geography AP Psychology AP World History Modern AP European History AP Microeconomics AP Macroeconomics
Math	Algebra I	Algebra II	Precalculus Statistics AP PreCalculus AP Calculus AB AP Statistics	Calculus Statistics AP Precalculus AP Calculus AB AP Calculus BC AP Statistics
Science	Biology* (8 th grade) Physics* Environmental Science	Chemistry* AP Physics I Environmental Science	Environmental Science Anatomy and Physiology AP Environmental Science AP Biology AP Chemistry AP Physics I AP Physics C (Electricity & Magnetism) AP Physics C (Mechanics)	Environmental Science Anatomy and Physiology AP Environmental Science AP Biology AP Chemistry AP Physics I AP Physics C (Electricity & Magnetism) AP Physics C (Mechanics)
Myanmar	Myanmar Language I	Myanmar Language II	Myanmar Language III	Myanmar Language IV
Required Elective PE (1)	Kinesiology - Health & PE	_____	_____	_____
Electives	Spanish I French I Intermediate Strings Music - Performance Music - Orchestra Choir HS Art Creative Writing Theater ICT **Math & English Advancement **Mathematical Models with Applications **English Advancement <i>*required for graduation **per teacher recommendation only</i>	PE: Advanced Team Sports Spanish I & II French I & II Music - Composition Music - Performance Music - Orchestra Choir HS Art or AP 2D Art&Design or AP Drawing Creative Writing Theater I and II ICT Psychology AP Business w/ Personal Finance SAT Prep & AI Ethics Film Studies **Mathematical Models with Applications **English Advancement <i>*required for graduation **per teacher recommendation only</i>	PE: Advanced Team Sports Spanish I, II (III & IV) French I, II (III & IV) Music - Composition Music - Orchestra Choir HS Art or AP 2D Art&Design or AP Drawing Creative Writing Theater I and II ICT AP Computer Science Principles AP Cybersecurity Psychology AP Business w/ Personal Finance SAT Prep & AI Ethics Film Studies **Mathematical Models with Applications **English Advancement <i>*required for graduation **per teacher recommendation only</i>	PE: Advanced Team Sports Spanish I, II (III & IV) French I, II (III & IV) Music - Performance Music - Orchestra Choir HS Art or AP 2D Art&Design or AP Drawing Creative Writing Theater I and II ICT AP Computer Science Principles AP Cybersecurity Psychology AP Business w/ Personal Finance SAT Prep & AI Ethics Film Studies AI for Social Impact **Mathematical Models with Applications **English Advancement <i>*required for graduation **per teacher recommendation only</i>

Alternatives 1 _____ 2 _____ 3 _____

Student Signature & Date _____

Parent Signature & Date _____

* 1 Fine Arts credit required (FA credits in Bold)

**all classes subject to sufficient enrollment and faculty availability