



**Asia Pacific College
Senior High School Program**

PROSPECTUS

Vision

Asia Pacific College envisions itself to be the preferred Higher Education Institution bridging academe and industry with its programs founded on the concepts and applications of IT, guided by the core values of integrity, industry, and innovation that works.

Mission

Asia Pacific College, powered by education and industry professionals as faculty and a balanced curriculum, aims to provide business and the information and communications technology industry in the Philippines and in the global community lifelong learning graduates who are anchored on the principles of integrity and professionalism.

Values

APC aims to produce graduates with strong sense of industry or hard work, integrity or being honest and having strong moral/ethical principles, and innovation or constantly introducing new and creative methods or ideas.

Guiding Principles

We, as molders of career people and entrepreneurs, bridge the academe with the industry. We service the needs of the corporate world. We catalyze industrial and business growth.

We are change-oriented, attuned to the rapid evolution of technologies driving our industries. We are forward-looking, proactive, and discerning of future trends.

We are student-centered and student-driven, committed to youth empowerment. We adapt education to students' actual needs and orientations, which is the key to molding them into young professionals. We are partners of parents in the total development of their children.

We relate to all types of people at all levels, under the ideas of sincerity, honor, trust, respect, fairness, honesty, transparency, diligence, and teamwork; fully aware that one is responsible for all of one's actions and statements.

We are solution-bound, drawing inputs and strategies from analytical and experiential knowledge. We gather, organize, analyze, synthesize, and disseminate information to users.

We give premium to the quality of work that we do. We give our best, not only to meet expectations but also to achieve personal satisfaction.

We are information-driven. Our management style is grounded on relevant information and research-based facts. We believe that information, its accessibility and organization, is the key to a sound management decision and entrepreneurial growth.

We are globally-competitive, producing students whose skills can respond to the most rigorous and competitive environment worldwide.

APC Graduate Attributes

Solution Provider	Creates innovative, proactive and impactful strategies with a willingness to challenge the status quo using emerging technologies aligned with organizational goals and within a global context.
Committed	Personifies reliability, unwavering dedication to responsibilities and resiliency to overcome unexpected challenges.
IT-Enabled	Pioneers in utilizing emerging technologies aiming for digital inclusivity.
Customer-Oriented Professional	Practices sensitivity and respect for cultural and disciplinary diversity; and advocates empathy and compassion (malasakit) to enhance the cultural experience of customers.
Team Player	Demonstrates leadership to inspire the achievement of team goals with open collaboration and respect for new ideas.
Good Communicator	Expresses ideas in an organized manner with clarity, actively and respectfully listening to diverse audience needs leading to meaningful dialogue.
Ethical Professional	Practices fairness and empathy in dealing with all levels of the organization guided by a moral compass.
Contributor to Nation-Building	Participates actively in socio-economic and environmental issues leading towards sustainability; and contributes positively to national and global development.
Lifelong Learner	Undertakes continuous, independent learning charting a path in pursuit of self-actualization.

Program Description

The Asia Pacific College Strengthened Senior High School Program not only aims at graduating the students but also at helping them start their careers. Based on the school's long history of bridging the academe and industry, students are regarded as Professionals-in-Training from their first day of Grade 11.

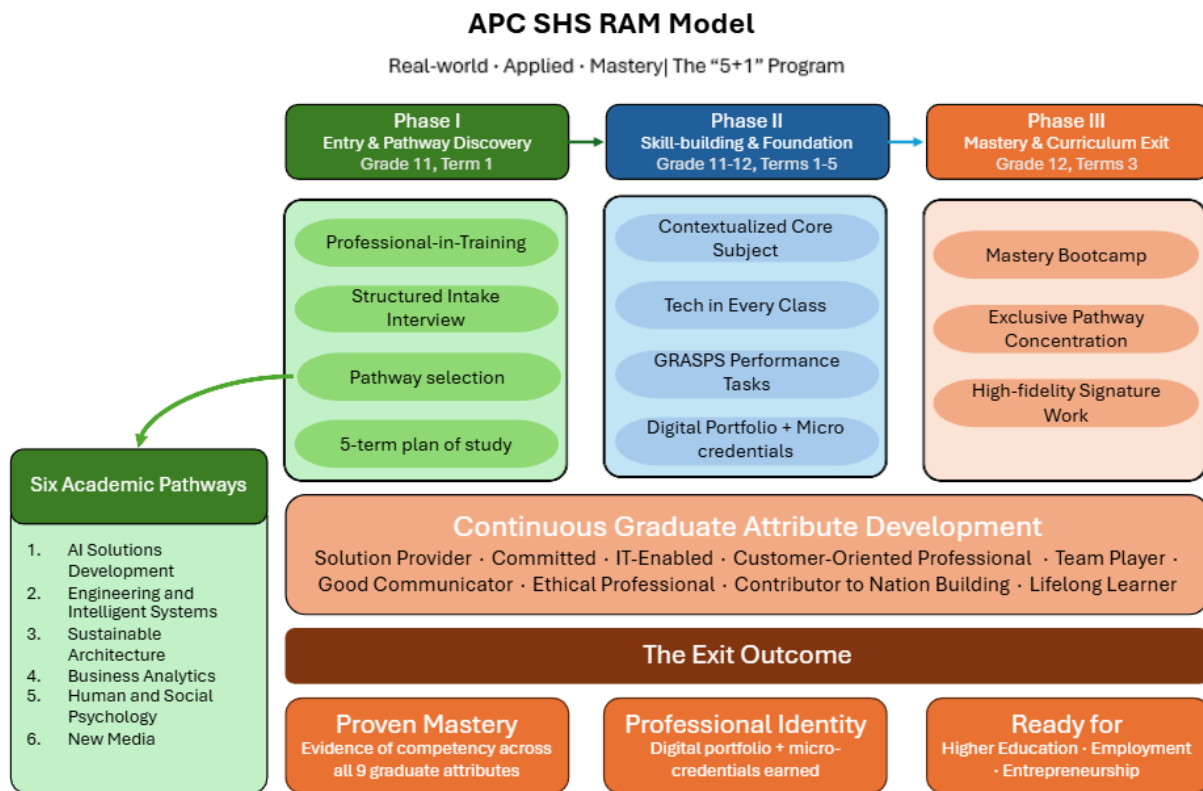
The courses revolve around the APC RAM Model or (Real-world, Applied, Mastery), which is a complete rethinking of the senior high school education that aims at a career-first learning approach instead of rote learning. Students select from six Academic Pathways aligned with APC collegiate decision-making processes, each structured to reflect institutional priorities and programmatic outcomes. From the pathway selection to a student's formal intake interview until the production of authentic outputs, every aspect of the curriculum is meant to help students build a tangible, industry-ready professional identity.

The program uses the "5+1" academic schedule: five terms of foundational studies in Grade 11 and Grade 12 and then one term being dedicated to intensive application of learning. Throughout the program, students are evaluated based on the nine APC Graduate Attributes, the same attributes that characterize APC's college graduates. This ensures a smooth and efficient transition into higher education, employment, or entrepreneurship.

Graduates of the APC SHS program will have an OpenLearning portfolio capturing their learning experiences, a profile on LinkedIn establishing their professional identity and industry micro-credentials earned in various subjects, along with their Signature Work, an authentic evidence of their learning. These will have demonstrated the student's competencies along with documented evidence of their learning that strengthens their future professional advancement.

The APC SHS RAM Model

The SHS RAM Model presents the three main pillars of the student journey during the implementation of the Strengthened Senior High School Program.



Real-world

The student is considered a Professional-in-Training from the moment of admission rather than a passive learner. The intake procedure is similar to an industry's onboarding: a systematic interview, choosing a pathway, and designing two professional tools: an OpenLearning portfolio to keep their learning journey and a LinkedIn profile to establish a professional identity. The intention is a major shift in a student's thinking focusing on both education and career preparation.

Applied

Across Grade 11 and the first two terms of Grade 12, the curriculum is carefully designed to allow for deeper, more meaningful engagement. Core subjects are taught through the lens of the student's chosen pathway, making it directly relevant to the students' professional aspirations. The program follows the DepEd grading system across all subjects, with Oral/Written Works, Performance Tasks, and Quarterly Assessments. GRASPS enriches the Performance Task component by framing each task around a real-world role, a specific audience, and a concrete situation, building the habit of designing work with a clear purpose and community context in mind, even when the audience is simulated in the classroom. Every student takes Empowerment Technologies and Fundamentals of Data Analytics as institutional electives, which establishes their digital and analytical foundation. The skills and tools gained from these courses are integrated and applied across all core and elective subjects, making technology and data literacy consistent competencies throughout the program.

Industry micro-credentials are embedded across all applicable subjects, so students build a collection of verified competencies as a natural outcome of their coursework.

Mastery

The final term of Grade 12 is unlike any other in the program. Instead of traditional classes, students devote the entire term to a single, pathway-specific Mastery Bootcamp. Running concurrently, students pursue a pathway-aligned professional certification that adds an industry-recognized credential to their exit portfolio. The culminating output is a Signature Work demonstrating their applied learning, assessed alongside their certification completion.

The "5+1" Structure

Phase	Timing	Focus
Phase I: Entry & Discovery	Grade 11, Term 1	Intake interview, pathway selection, creation of OpenLearning portfolio and LinkedIn profile, and attribute baseline assessment.
Phase II: Skill Building & Foundation	Grade 11–12, Terms 1–5	Distributed core subjects, contextualized academic electives, GRASPS-based assessment, Empowerment Technologies as the digital foundation applied across all subjects, and micro-credentials embedded where applicable.
Phase III: Mastery & Curriculum Exit	Grade 12, Term 3	Pathway-specific Mastery Bootcamp with concurrent professional certification; production of a Signature Work assessed alongside certification completion.

ACADEMIC PATHWAYS

Those students who opted to enroll in the APC Strengthened SHS Program are required to choose one out of the six Academic Pathways during the intake procedure in Grade 11, Term 1. Each pathway aims at supporting APC's college courses and industry partnerships, thus creating a meaningful and well-defined link from senior high school to college and one's professional career.

Engineering and Intelligent Systems

Pathway Description

The Engineering and Intelligent Systems Pathway bridges the gap between theoretical discovery and practical execution. Students develop a high level of scientific literacy, exploring how the laws of physics, chemistry, and biology serve as the foundation for modern technological innovation. Rather than studying science in isolation, learners examine the mechanics of nature and machines by understanding how energy, materials, and complex systems are harnessed to build a sustainable world.

Through hands-on, project-based learning inspired by APC's Real Projects. Real Learning. philosophy, students apply quantitative reasoning and systematic logic to solve industrial, environmental, and technical challenges.

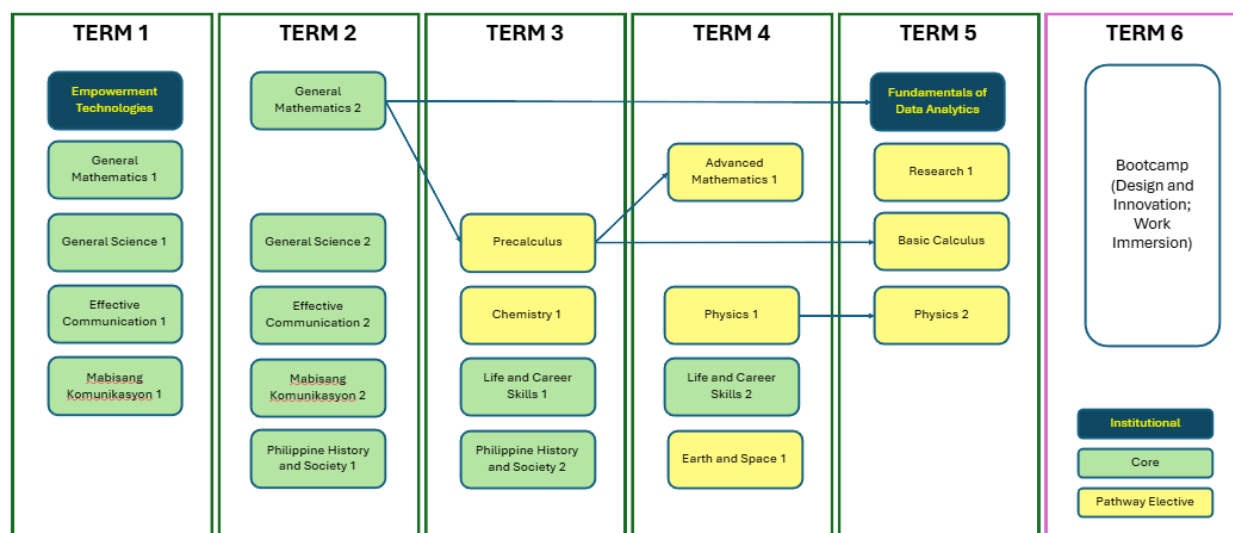
Skills Developed

- Systematic problem-solving grounded in physics, chemistry, and the life sciences
- Technological literacy and the ability to analyze, model, and optimize complex systems
- Applied scientific principles for the design of sustainable technology and infrastructure
- Quantitative reasoning using advanced mathematical applications for technical design
- Scientific analysis of material properties, environmental impact, and mechanical systems
- Technical adaptability in applying scientific theory to real-world engineering challenges

Future Higher Education Programs

- Bachelor of Science in Civil Engineering
- Bachelor of Science in Computer Engineering
- Bachelor of Science in Electronics Engineering
- Bachelor of Science in Chemical Engineering
- Bachelor of Science in Environmental and Sanitary Engineering

Curriculum Overview



List of Courses

Course Code	Course Name	Course Description
SHECOM	Effective Communication	Effective Communication is a core subject for Grade 11 learners designed to develop advanced communicative competence in English across four expanding domains: personal and interpersonal, social and cultural, academic and training, and professional and work settings. Aligned with the B2 level expectations of the Common European Framework of Reference (CEFR), the course equips students to engage confidently, clearly, and with cultural sensitivity in spoken, written, and multimodal communicative events.
SHMKOM	Mabisang Komunikasyon	Inihahanda ng kurso ang mga mag-aaral na aktibong makilahok sa mga pasailita, pasulat, at multimodal nasitwasyong komunikatibo nang may tiwala sa sarili, kalinawan ng pagpapahayag, at pagiging sensitibo sa kulturang iba. Binibigyang-diin ng kurso ang estratehikong paggamit ng wika, kaangkupan ng bokabularyo, tono, at estruktura, literasing pangmidya at pang-impormasyon, at mga kilos pangkomunikasyong angkop sa mga gawi at halagahang Pilipino.
SHGMAT	General Mathematics	This course builds students' mastery of core mathematical concepts — from algebra and geometry to statistics — applied through the lens of their chosen career pathway. Learners develop the quantitative reasoning and data-driven decision-making skills that form the backbone of any professional career in technology, business, engineering, or the creative industries.
SHGSCI	General Science	This course takes a transdisciplinary approach to Physics, Chemistry, Biology, and Earth and Space Science, building the scientific literacy students need to understand real-world phenomena and drive innovation across any career pathway. Through hands-on experimentation and evidence-based problem solving, learners develop the critical and scientific thinking skills essential for a technology-driven, globally competitive world.

SHLIFE	Life and Career Skills	This course develops the personal, social, and professional competencies students need to thrive across the workplace, community, and beyond — from self-awareness and resilience to leadership and adaptability. Treating health, wellness, and career readiness as interconnected foundations, learners build the mindset and life skills to navigate transitions confidently into higher education, employment, or entrepreneurship.
SHHIST	Philippine History and Society	This course examines historical and social issues through thematic, multicultural, and interdisciplinary perspectives, enabling students to develop a deeper understanding of the identity, development, and future of the Philippines. Beyond learning historical events and social realities, the course cultivates civic consciousness and a sense of professional responsibility, preparing students to contribute meaningfully to the sustainable development of both the nation and the global community.
SHEMTEC	Empowerment Technologies	This course builds students' digital competency through hands-on experience with productivity tools, basic programming, digital citizenship, and emerging technologies — developing the technical fluency and responsible digital habits expected of professionals across any field. Learners apply these skills purposefully across their chosen pathway, establishing a cross-cutting digital foundation that carries into every subject and, ultimately, into their careers.
SHPHY01	Physics 1	This course builds a foundational understanding of how the physical world operates — exploring the interactions of matter, motion, and energy through conceptual inquiry and quantitative problem-solving. Learners examine how the principles of physics underpin the technologies and systems that define modern life, developing the scientific reasoning and technical grounding essential for careers that demand precision and analytical thinking.
SHPHY02	Physics 2	This course covers fundamental principles across waves, acoustics, optics, electricity, electromagnetism, and modern physics — exploring how these concepts explain

		natural phenomena and drive advancements in technology, engineering, and medicine. Through investigation, analysis, and real-world problem solving, learners develop the scientific reasoning and appreciation for physics as a force that shapes society and improves quality of life.
SHCHEM1	Chemistry 1	This course examines the composition, structure, and transformation of matter — from chemical nomenclature and stoichiometry to real-world applications in environmental systems, industrial processes, and sustainable resource use. Learners develop the analytical thinking and quantitative problem-solving skills essential for scientific and technical fields, grounded in a commitment to responsible practice aligned with the United Nations Sustainable Development Goals.
SHEART1	Earth and Space 1	This course explores Earth's interconnected systems and natural resources — from renewable energy and ecosystem conservation to the geological and atmospheric forces behind natural hazards such as earthquakes, floods, and storms. Grounded in the Philippine context, learners develop the environmental literacy and systems thinking needed to promote sustainability, assess community risks, and design strategies for disaster preparedness and resilience.
SHFDATA	Fundamentals of Data Analytics	This course introduces students to the full data lifecycle — from collection and processing to visualization and storytelling — building the analytical skills needed to thrive in an increasingly data-driven world. Learners develop the critical thinking and digital literacy to transform raw data into clear, compelling insights that drive evidence-based decision-making across any professional field.
SHPCALC	Precalculus 1	This course develops students' mathematical fluency in analytic geometry and trigonometry — building the conceptual understanding and problem-solving precision needed to model and interpret real-world phenomena through a mathematical lens. Learners establish the quantitative foundations essential for

		advanced mathematics, physics, and engineering, developing the analytical rigor and spatial reasoning that define capable professionals in technically demanding fields.
SHBCALC	Basic Calculus	This course equips students with the conceptual understanding and analytical tools of calculus, covering limits and continuity, derivatives and differentiation rules, antiderivatives, and definite integrals through the lens of real-world application. Using technology and collaborative problem solving, learners investigate the behavior of functions and apply calculus concepts to authentic situations in physics, business, economics, and engineering, building the mathematical rigor and precision essential for success in higher education and technically demanding careers.
SHRSCH1	Research 1	This course guides students through the complete research process — from designing methodologies and gathering data to analyzing findings and communicating conclusions with clarity and integrity. Learners develop the critical thinking and ethical grounding needed to produce credible, evidence-based work that drives informed decision-making across any academic or professional field.
SHAMAT1	Advanced Mathematics 1	This course advances students' mathematical fluency across algebra, trigonometry, advanced statistics, and solid mensuration. Learners use contemporary digital tools to master inferential statistics for drawing meaningful conclusions from real-world data, while developing spatial reasoning through three-dimensional geometric analysis. This builds the quantitative and analytical foundation that serves as the academic backbone for pathways in computing, engineering, data science, and beyond.
SHIDESIN SHIMRSN	Design and Innovation Work Immersion	This bootcamp course drives students through the end-to-end human-centered design process, moving from research-backed problem framing to prototyping and iterative development. Operating as innovators and collaborators, learners build a viable product or service, earn industry certifications, and pitch their final

		solutions to stakeholders. The course develops the practical design fluency and persuasive communication skills critical for career readiness.
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