



Senior High School **Strengthened Program| RAM Model**

Prospectus

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.

3. Built Environment

Pathway Description

The Built Environment Pathway introduces students to the study and design of spaces where people live, work, and interact. Students explore foundational concepts in architecture, urban design, and broader built environment studies, developing an understanding of how buildings, cities, and public spaces respond to human needs, technological advancements, and environmental challenges.

Through hands-on, project-based learning inspired by APC's Real Projects. Real Learning. philosophy, students engage in exploratory design exercises to analyze spatial conditions and think creatively about complex design problems. By utilizing contemporary visual and digital tools, the pathway prepares learners for the technical and technology-enabled processes essential in modern architectural practice and construction fields.

Skills Developed

- Design thinking and creative problem-solving
- Spatial visualization and architectural representation
- Basic digital modeling and visualization
- Analytical evaluation of built spaces and environments
- Human-centered design and sustainability principles
- Visual communication of technical and creative ideas

Future Higher Education Programs

- Bachelor of Science in Architecture
- Bachelor of Landscape Architecture
- Bachelor of Science in Interior Design
- Bachelor of Science in Civil Engineering

Curriculum Overview

The table below outlines the curriculum structure for this pathway. Elective subjects are to be finalized; placeholder codes are provided for planning purposes.

Course Code	Course Name	Course Description
SHEFCOM SHMAKOM	Effective Communication/Mabisang Komunikasyon	This course develops bilingual communicative competence in both English and Filipino, preparing students to engage confidently across academic, professional, and real-world contexts. Grounded in the B2 level of the Common European Framework of Reference, learners build the voice, versatility, and ethical awareness of professionals ready to contribute in a multilingual and globally connected world.
SHGMATH	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.

SHGNSCI	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.
SHLCSKL	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.
SHPKLPI	Pag-aaral ng Kasaysayan at Lipunang Pilipino	Ang kursong ito ay sumusuri sa mga isyu at usaping panlipunan at pangkasaysayan sa pamamagitan ng tematiko, multikultural, at interdisiplinaryong pananaw, na nagbibigay sa mga mag-aaral ng malalim na pag-unawa sa pagkakakilanlan at kapalaran ng bansang Pilipinas. Higit sa pagsasaulo ng mga pangyayari, nalilintang sa mga mag-aaral ang kamalayang sibiko at ang responsibilidad bilang mga propesyonal na handang mag-ambag sa napapanatiling pag-unlad ng bansa at ng daigdig.
SHETECH	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.
SHERSP1	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.

SHARTS1	Arts 1 - Creative Industries Visual Art Literary Art Media Art Applied Art and Traditional Art	This course provides a comprehensive foundation in the creative industries — exploring visual, literary, media, applied, and traditional arts through diverse styles, forms, and genres with emphasis on practical application of mediums, techniques, and artistic principles. Learners examine the work of significant artists and their creative processes, building the technical craft and global aesthetic awareness essential for professional practice in the arts. For the Built Environment Pathway: This course also introduces students to Computer-Aided Drafting (CAD) as a foundational design tool — bridging traditional artistic principles with the technical precision required in architecture, interior design, and the built environment professions.
SHCCENG	Citizenship and Civic Engagement	This course immerses students in the principles and practice of community action — exploring civic engagement, solidarity, and active citizenship through the lens of human rights, social justice, gender equality, and participatory development. Learners analyze how empowered individuals and civil society groups address social issues and strengthen collective well-being, building the civic awareness and responsibility expected of professionals committed to nation-building.
SHRSCHM	Research Methods	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.
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.
SHFLART	Filipino Identity Through Arts	This course explores Philippine indigenous and traditional arts as living repositories of collective memory and human experience — examined within their historical, cultural, political, and social contexts. Learners investigate how geographic and cultural communities serve as sites of artistic production, building a deeper understanding of Filipino identity, nationalism, and the enduring value of heritage in a rapidly changing world.
SHDESIN	Design and Innovation	This course immerses students in human-centered design thinking — moving from research-backed problem framing through creative problem-solving, prototyping, and iteration to produce practical, community-impactful solutions.

		Building directly on their Research Methods proposal, learners operate as innovators and collaborators, developing the design fluency and persuasive communication skills that define careers in product design, UX/UI, entrepreneurship, and beyond. For the Built Environment Pathway: This course grounds design thinking in the built world — challenging students to apply their research findings toward the creation of spaces, structures, and environments that are functional, aesthetically considered, and responsive to the needs of the communities they serve.
SHFIELD	Field Experience	This course marks the culminating term of the program — a full suspension of traditional classes in favor of an intensive, pathway-specific Mastery Bootcamp where everything learned across five terms is brought to life in a single, unified Signature Work. Students step fully into their Professional-in-Training identity as practitioners, with their capstone output assessed through a final Portfolio Rating against all nine Graduate Attributes — serving as both their term examination and their most compelling proof of readiness for higher education, employment, or entrepreneurship.

