

WHY ROBOTICS?

The present provides us with a window to peek into the future — faster connectivity (5G, WiFi 6), edge computing, Internet of Things (IoT), machine learning (ML), artificial intelligence (AI), smart buildings, intelligent self-driving cars, robotic process automation (RPA), and more technological innovations ahead.

With the recent trends in technology, it will only go high-tech from here onward. We envision ISMS Robotics Academy as a technology provider, supplying schools with learning tools that prepare the young to be creators and innovators.

In partnership with a Japanese robotics manufacturer, we engage the country's private schools to develop the skills of young learners in AI programming, machine learning, and robotics.

Don't remain one of the users of advanced technologies. Be a driver of change. Immerse into new developments and benefit from society's digital transformation. Let's equip the next generation of Filipinos with the foundational tools that enable them to embrace the challenges of the digital age.

CONTACT US



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 ISMS ROBOTICS ACADEMY
THE NEXT GENERATION OF INNOVATORS

ISMS-ARTEC ROBOTICS FOR EDUCATION

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For more information, please
visit <https://robotics.isms.ph>

PREPARE FOR A HIGH-TECH FUTURE

ISMS ROBOTICS CURRICULUM

P-K: EARLY YEARS ROBOTICS AND PROGRAMMING

Providing young learners with the foundation of how machines work, this 2-year program is designed for preschoolers and kindergarten, ages 4 to 6. It seeks to trigger the children's curiosity to explore robotics through puzzles, games, trial and error, and basic programming at the early stages of their education.

G1-G3: PRIMARY EDUCATION ROBOTICS WITH AI

The curriculum is designed as an introduction to robotics and programming for young learners ages 7 to 9, from Grade 1 to Grade 3. Students will learn the basic principles of machines, motors, and their mechanisms, such as linkages, rack and pinions, and gears. They will be introduced to the programming environment that powers artificial intelligence (AI) and will be enabled to connect real-life examples with robotics and AI technologies.



G4-G6: INTERMEDIATE ROBOT PROGRAMMING MASTERY

It's a comprehensive 3-year curriculum designed for young learners ages 10 to 12, Grade 4 to Grade 6. Students will solidify their learning and mastery of the basics of robotics and its relevance to the real world. It concentrates on learning and understanding the applications of coding in everyday life through basic and advanced programming.

G7-G9: ADVANCED ROBOTICS AND AI PROGRAMMING

Junior High School students ages 13 to 15, from Grade 7 to Grade 9, will learn the foundations of advanced technologies, including Python syntax, object-oriented programming, network technologies, database technologies, and information security technologies. It prepares young learners for the high-tech future of society by grounding them in the programming principles of different technologies.

G10-G12: ADVANCED ROBOTICS AND AI PROGRAMMING

A wide range of advanced AI programming for robotics lessons designed for Senior High School students, from Python to data security. There will be hands-on coding for robotics, a series of trial-and-error experimentations, and on-the-job training and exposure to process automation and programming with ISMS. Students will improve their skills with Studuino and Mu Editor and work on their special projects.

BASIC & ADVANCED ROBOTICS FOR WORKING PROFESSIONALS

Introduces adult learners to the basics and advanced principles of robotics and AI programming. The course is designed for working professionals who want to learn new things. No required background on robotics and programming is needed. Have fun solving puzzles, building machines that move, and programming your creation to perform tasks.



COSTING

ISMS Robotics for Education program cost is Php1,200 per student per year over a 3-year contract renewable upon agreement. Package includes sending assigned teacher(s) to Japan for training and immersion to gain valuable experience. Robotics kits are to be purchased separately.