

POSITION: High School Engineering and Innovation Teacher
REPORTS TO: High School Principal
CONTRACT TERM: 2 School Years (2026-2028)
CONTRACT START DATE: 1 July 2026
JOB OPENING: 22 September 2025

External: We reserve the right to end the recruitment process once a suitable candidate is found.

PURPOSE

Jakarta Intercultural School (JIS) educators are committed to providing transformative learning experiences that inspire and challenge JIS students. As members of a professional learning community, JIS High School (HS) teachers collaborate to refine and advance the HS program, aligning their practices with our Mission and Vision. Dedicated to continuous professional growth, JIS educators strive to innovate and improve their teaching methods to enrich the educational journey of every student.

QUALIFICATIONS, EXPERIENCES and ATTRIBUTES

1. Minimum Bachelor's degree in Computer Science, Robotics, Engineering, Design Technology, or a related technology field; Master's degree preferred.
2. Valid teaching credential in a related field.
3. At least five years of teaching experience in technology-related subjects such as Computer Science, Robotics, Design Technology, or Engineering at the high school level.
4. A willingness to champion innovation by developing new courses, adapting existing ones, and imagining the curriculum of tomorrow.
5. Ability to teach a wide range of technology and innovation courses, from traditional workshop-based design to emerging fields such as coding, robotics, drones, AI, app/game development, and digital fabrication.
6. Familiarity with programming languages (e.g., Python, C++, block coding) is required.
7. Experience with tools and platforms such as VEX Robotics, Raspberry Pi/Arduino, drones (Mbot, Mambo Parrot), and 3D printing or other workshop equipment is an advantage.
8. Demonstrated ability to design and deliver hands-on, project-based learning that integrates computational thinking, design thinking, and real-world applications.
9. Experience developing or adapting courses to reflect innovation, creativity, and emerging technologies.
10. Skilled in employing contemporary educational models and instructional strategies to enhance curriculum delivery and student learning outcomes.
11. Prior experience in an international school setting is preferred.
12. Committed to a student-centred approach and differentiated instruction.
13. Active participation in a Professional Learning Community, collaborating in course design, lesson delivery, and assessment.
14. Openness to new ideas and diverse perspectives.
15. Willingness to engage in student advisory and pastoral programs.
16. Experience in leading extracurricular activities such as robotics teams, coding clubs, or other innovation-focused groups is advantageous.
17. Strong commitment to child safeguarding, service learning, and environmental stewardship.

DUTIES AND RESPONSIBILITIES

Curriculum Delivery and Instructional Excellence

- Deliver a dynamic Technology curriculum, utilizing diverse teaching strategies to accommodate varying learning styles and needs.
- Demonstrate expertise in technology-related fields, ensuring that instruction is aligned with the latest educational standards and practices.
- Design and facilitate hands-on, project-based learning experiences that foster creativity, innovation, and problem-solving.
- Foster critical thinking and problem-solving skills by encouraging students to apply Technology and Design principles to analyze and solve complex problems.
- Guide students in developing skills in programming, robotics, electronics, design thinking, and computational problem-solving.
- Incorporate emerging technologies such as artificial intelligence, app development, digital fabrication, and data science into learning experiences to ensure relevance and real-world connections.
- Maintain rigorous academic and safety standards in all labs, workshops, and makerspaces.
- Actively develop the JIS Learning Dispositions—Resilience, Resourcefulness, Relating, and Reflecting—within students through intentional teaching methods and curriculum integration.

Collaborative Curriculum Development

- Collaborate with the Head of Department to plan and develop curriculum, maintaining a positive, professional school climate.
- Continue to enhance pedagogy and contribute to curriculum development, ensuring the effective delivery of the curriculum.

Assessment and Student Support

- Utilize formative and summative assessments to guide the next learning steps, providing effective feedback to shape student learning experiences.
- Collaborate with the Student Support Team, implementing Individual Learning Plans (ILPs) and supporting students' diverse needs.

Community and Student Engagement

- Foster a school culture of respect, identity, and pride among students, parents, and colleagues.
- Build positive interpersonal relationships, actively engage in Child Safeguarding Practices and promote positive interactions among our diverse student body.
- Empower students to take responsibility for their learning and actions, encouraging self-directed learning and personal growth.
- Lead extracurricular activities that enhance student collaboration, performance, teaming, talent, and leadership.
- Organize and actively participate in school trips, including multi-day and overnight excursions, to enrich students' educational experiences.

Collaboration and Communication

- Collaborate with department teams, schoolwide teams, and the Student Support Team to enhance educational outcomes.
- Communicate effectively with all members of the JIS community, ensuring clear and open communication channels.

Professional Development and Evaluation

- Participate actively in professional development, accepting and acting on professional feedback.
- Engage in ongoing professional development to stay current with pedagogy, trends, and best practices.
- Engage with the JIS Growth and Appraisal process to continuously refine teaching practices and align with educational standards.

Adaptability and Support

- Adapt to both asynchronous and synchronous online teaching formats when necessary.
- Identify and seek support from peers and administration when in need, and provide peer support to maintain a collaborative work environment.

Professional Dispositions and Responsibilities

- Embrace and promote the JIS Learning Dispositions: Resilience, Resourcefulness, Relating, and Reflecting.
 - Perform other related duties and assume other responsibilities as assigned by the High School Principal or Head of Department.
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TO APPLY

Interested candidates should apply directly by email to teachingapplication@jisedu.or.id.

Please submit the following materials as separate PDF attachments in one email:

- Cover letter expressing interest in the position
- Current resume
- List of three to five professional references with name, phone number, and email address (references will not be contacted without the candidate's permission)

Safe Recruitment Statement

At Jakarta Intercultural School (JIS), we are committed to ensuring the safety and well-being of all our students. As part of this commitment, we have implemented rigorous recruitment policies and procedures designed to safeguard our students and uphold the highest standards of child protection.

Our recruitment process includes:

- Thorough verification of the identity and qualifications of all candidates.
- Obtaining and corroborating professional and character references.
- Performing comprehensive background checks in all countries of residence and the candidate's country of origin.
- Conducting a multi-stage interview process, including scenario-based questions to evaluate how candidates handle situations related to student safety and well-being.

Child Safeguarding Policy

JIS has a robust Child Safeguarding policy that seeks to protect our students, their families, and the entire JIS community. This policy ensures that all students have the right to protection and access to confidential support systems. As part of this policy, all community members with access to students must undergo annual child safeguarding training to stay informed and vigilant in protecting our students.

By maintaining these stringent recruitment practices, JIS ensures that our educational environment remains safe, nurturing, and conducive to the well-being and development of every student.