



Design Technology Lab Technician

August 2024 Start

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Design Technology Lab Technician

The Swiss International Scientific School in Dubai (SISD) is a leading international day and boarding school where future generations are inspired to become confident and enthusiastic lifelong learners, ready to embrace the opportunities and challenges of a global world. Founded in 2015, our school currently welcomes more than 1800 students of more than 90 different nationalities on its cutting-edge campus, in the centre of Dubai. From Pre-KG to Grade 12, SISD follows the full continuum International Baccalaureate (IB) programme in three streams focusing on personalised learning and the development of 21st century skills. Students choose between the English with additional languages/STEAM stream or the bilingual English-French/German streams. We pride ourselves on being a fully accredited IB Continuum World School, offering the IB Primary Years Programme (PYP), IB Middle Years Programme (MYP), IB Careers Programme (IB CP) and IB Diploma Programme (DP). Our personalised international curriculum offers an engaging learning experience, the challenge of developing a real understanding of cultural diversity and the support of a thriving international community. Our state of the art, eco-friendly campus adjacent to Dubai creek, ensures that we can offer a wide range of sporting and after school activities tailored to the personal needs and preferences of every student.



Job Title	Design Technology Technician	Department	Secondary
Start Date	August 2024 start	Location	Dubai, UAE
Reports to	Secondary Arts & Design Coordinator	Direct reports	

Job Scope	<p>As the Design Technology Technician at Swiss International Scientific School in Dubai, you will play a vital role in supporting the Design Technology department in providing a dynamic and innovative learning environment.</p> <p>The ideal candidate should have hands-on experience with the use and maintenance of machinery, woodworking tools, metal fabrication, 3D printing, and proficiency in CAD software. Familiarity with CNC machinery and software is highly desirable.</p>
Main Duties and Responsibilities	<p>Technical Expertise</p> <ul style="list-style-type: none"> Utilise woodworking tools and demonstrate proficiency in metal fabrication techniques. Operate and maintain 3D printers, ensuring optimal performance. Utilise CAD software to assist students in conceptualising and designing projects. Familiarity with CNC machinery and software is an advantage. <p>Student Support</p> <ul style="list-style-type: none"> Work closely with DP and MYP Design students to guide and support their design concepts. Provide technical assistance during practical sessions, ensuring a safe and conducive learning environment.

	<ul style="list-style-type: none"> Collaborate with pupils, fostering creativity and enthusiasm for Design Technology. <p>Material Management</p> <ul style="list-style-type: none"> Track and monitor all Design Technology supplies and materials. Ensure stock levels are maintained to meet the demands of ongoing projects. Liaise with suppliers to procure necessary materials within budget constraints. <p>Workshop Maintenance</p> <ul style="list-style-type: none"> Maintain and upkeep all equipment and machinery in the Design Technology workshops. Conduct regular checks, servicing, and repairs to ensure the longevity of tools and machines. Ensure workshops are kept safe and clean, adhering to health and safety standards. <p>Health and Safety</p> <ul style="list-style-type: none"> Enforce and adhere to health and safety guidelines in the workshop. Conduct regular safety checks on equipment and machinery. <p>Administrative Tasks</p> <ul style="list-style-type: none"> Maintain accurate records of equipment usage and inventory. Assist in the preparation and organisation of Design Technology events and exhibitions.
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Key Relationships	
Internal	Students, Senior Leadership Team, Deputy Senior Leadership Team, Secondary Leadership Team, Curriculum/Subject/Grade Learning Coordinators, Head of Depts, Teachers, LSAs, Counsellors, Healthcare Team, HSE Team, Marketing & Admissions Team, HR Team
External	Parents, KHDA, IB

Position Requirements	
Education	<ul style="list-style-type: none"> Bachelor’s degree – preferable in the same field
Experience	<ul style="list-style-type: none"> Proven experience in using woodworking tools and metal fabrication techniques. Proficiency in 3D printing, CAD software, and ideally CNC machinery and software. Previous experience working in an educational setting is advantageous. Strong organizational and communication skills.
Competencies	<ul style="list-style-type: none"> A positive, flexible, ‘can do’ work ethic. Exceptional communication skills Excellent standards of personal presentation. Enjoyment of working in a positive, collaborative team environment with the values of honesty, integrity, and mutual support at the core. An enthusiasm for engaging with diverse cultures tempered only with high levels of patience and adaptability.

	<ul style="list-style-type: none"> • Inter-culturally aware with well-developed interpersonal skills.
Salary & Benefits	Competitive remuneration and benefits
Contract	Fixed Term contract
Application	<p>Candidates are requested to submit the following documents:</p> <ul style="list-style-type: none"> • Cover letter of one page, explaining your strengths as a candidate and why you are interested in this position • Current CV not to exceed two pages • 3 professional references with current contact details (position, phone number and e-mail address) not older than 5 years. One must be your current or last Line Manager <p>Please send your application to: hr@sisd.ae</p> <p>Closing date: 15 June 2024</p> <p>Due to the expected volume of applications, we will only contact those applicants that are shortlisted for interview. We reserve the right to appoint before the closing date.</p> <p>We are committed to providing a safe and happy environment for all our employees and in which our students can thrive and learn. We are committed to safeguarding and promoting the welfare of all our employees and students. All employees are subject to appropriate vetting procedures including satisfactory criminal record checks from both country of residence/home country and any other country of residence and Barring & Prohibition checks.</p>



I have had the pleasure of working in both the Primary setting and the Secondary setting at SISD and feel privileged to get to do the work I do for such an outstanding organization. Getting to work alongside passionate staff and to engage with such motivated students, while being surrounded by some of the best facilities on offer, I honestly feel that SISD is one of the best schools in the world to work at.

- Mark Swaine, Grade 6 Learning Coordinator and Transition Leader & Wellness Committee Chairperson



I have had the pleasure of experiencing firsthand, the development of the French/ English bilingual stream at SISD, which has grown and developed and is now fully imbedded into the students daily lives. Students naturally speak both French and English in our classroom and it has been a joy to see students progress in multiple languages. I have worked at SISD for 5 years as an English teacher, KG2 coordinator and now Grade 1 coordinator. I have had such a positive experience working in both the Early Years and Primary schools and have enjoyed co-teaching with some incredible teachers.



I think SISD has a vibrant faculty, where talented professionals collaborate to provide excellent results for our students. With outstanding facilities and infrastructure, the environment is an inspiring workplace with a warm community of staff, parents, and students alike.

- Samantha Hodges, Deputy Head of Primary (Student Achievements)

