

Professional Officer (All Levels) (Precision Engineering)
Singapore Institute of Technology

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Posted Jun. 20, 2024, set to expire Oct. 20, 2024

Job Title Professional Officer (All Levels) (Precision Engineering)
Department Professional Officers
Institution Singapore Institute of Technology
Singapore, , Singapore

Date Posted Jun. 20, 2024

Application Deadline Open until filled

Position Start Date Available immediately

Job Categories Professional Staff

Academic Field(s) Mechanical Engineering

Job Website <https://careers.singaporetech.edu.sg/cw/en/job/498706/professional-officer-all-levels-precision-engineering>

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Job Description

Professional Officer (All Levels) (Precision Engineering)

Job no: 498706

Department: Professional Officers

Contract type: Contract

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Key Responsibilities

- Design and teach labs & practice modules.

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- Mentor students in Capstone Projects and the Integrated Work Study Programme (IWSP).
- Lead or co-lead innovation projects with industry.
- Manage labs and equipment to support academic programmes and applied research.
- Ensure safety in labs

Job Requirements

- A good degree in Precision Engineering or Mechanical Engineering or a related field with Precision Engineering and fabrication background. Masters, PhD and/or relevant professional certifications would be advantageous.
- Deep technical specialist with 10 or more years of working experience in Precision Engineering, fabrication and CNC machining would be preferred as well as hands-on experience is a must.
- Experience in following areas is highly desirable.
 - Basic machining and fabrication and able to use and teach use of lathe, milling machine and similar workshop machinery.
 - Hands-on competence in CAD, CAM and CNC programming.
 - CNC machining experience, 3 axis and ideally experience with 5 axis CNC machining, programming, and post processing.
 - Good knowledge of high precision manufacturing processes, such as EDM, wire-cutting, Laser cutting, precision grinding, powder metallurgy, injection molding, etc.
 - Strong experience with GD&T and metrology and have hands-on experience with CMM.
- Advantageous to have experience with Additive manufacturing.
- Extensive experience and knowledge of industry practices to bring industry perspective to SIT.
- Keen interest in innovation projects, with demonstrated ability in developing solutions to technical problems and exploring new fabrication techniques.
- Strong supervisory skills and enjoy working closely with students in an educational environment.
- Demonstrate proficiency to keep abreast of development in the field and pursue professional certification programs. Possess industrial certifications in relevant areas will be an added advantage.

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Advertised: 20 Jun 2024 Singapore Standard Time

Applications close: 31 Dec 2024 Singapore Standard Time

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Singapore