



Science Research Specialist I

Salary Grade: 13

Item Number: PHILSAB-SRAS1-15-2020

Division: Interdisciplinary Space Missions Development Division

Minimum Qualification Standards:

Education: Bachelor's degree relevant to the job

Experience: None required

Training: None required

Eligibility: Career Service Professional / Second Level Eligibility

Duties and Responsibilities:

- 1) Under general supervision, perform designing, prototyping, and development of device structures, electrical, mechanical, and mechatronic systems;
- 2) Support in establishing and generating test plans, models, technical drawings and manufacturing workflow;
- 3) Assist in the testing and integration of subsystems;
- 4) Ensure the correctness of the technical specifications of goods and services for procurement and/or manufacturing requirements;
- 5) Attend seminars symposia and other structured gatherings related to advanced space S&T and other areas of concern related to development; and
- 6) Perform other duties of a regular or special nature as may be assigned from time to time

Applicants who have all or any of the following background are encouraged to apply:

Educational Background: Bachelor's Degree in Engineering and Sciences such as in Aerospace Engineering, Electronics Engineering, Electrical Engineering, Computer Engineering, Mechanical Engineering, Mechatronics, Physics, or other allied fields.

Competencies:

- Proficiency in Embedded C, Matlab, Solidworks, 3D modeling, technical drawing generation and/or ECAD Design and Layout Software Good communication skills
- Thorough, pays close attention to details, and strives to achieve accuracy and consistency in all tasks
- Knowledge and skills in basic methods of research laboratory techniques, data processing and analysis, and technical paper writing
- Capability to relate to PhilSA activities with the core principles and concepts of interdisciplinary science, technology, and applications which altogether contributes to the PhilSA's goals in advancing space R&Ds



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