



Supervising Science Research Specialist

Salary Grade: 22

Item Number: PHILSAB-SVSRS-2-2023

Division: Spacecraft Electrical and Computing Systems Development Division

Minimum Qualification Standards:

Education: Bachelor's degree relevant to the job

Experience: 3 years of relevant experience

Training: 16 hours of relevant training

Eligibility: Career Service (Professional) / Second Level Eligibility

Duties and Responsibilities:

- 1) Under direction, supervise the programs and activities on spacecraft's onboard computing systems development and spacecraft's attitude determination and control systems (ADCS) command control and data handling development;
- 2) Support the division chief in formulating the technical and administrative plans and targets of the Division, especially in terms of spacecraft's onboard computing systems, command control, and data handling;
- 3) Review the design of the spacecraft's onboard computing systems, command control, and data handling; and provide recommendations accordingly;
- 4) Assess and validate the spacecraft's onboard computing systems, command control, and data handling for the readiness for assembly, integration and testing as well as for flight mission and operation, likewise initiate technical publications and patent applications whenever applicable;
- 5) Integrate activities related to spacecraft's onboard computing systems, command control, and data handling to accomplish desired results through effective planning, direction, coordination and control;
- 6) Report to the Division Chief the accomplishments and progress on the spacecraft's onboard computing systems, command control, and data handling;
- 7) Develop and/or contribute to divisional policies and internal directives;
- 8) Participate in scientific conferences, seminars and discussions for scientific advancement;
- 9) As may be assigned, perform the duties and responsibilities of the Division Chief in their absence; and
- 10) 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 or Master's degree in Aerospace Engineering, Electronics Engineering, or Computer Engineering

Experience Background:

- Experience in Python, MATLAB, or other similar computational tools
- Experience in embedded systems development

Training Background:

- Relevant training in physical property and performance evaluation processes

Competencies:

- Proactive and willing to take the lead to accomplish tasks and meet goals and objectives in a timely manner.
- Thorough, pays close attention to detail, and strives to achieve accuracy and consistency in all tasks.

- Develops and maintains positive work relationships with others.
- Manages time effectively, prioritizes tasks, and handles complex projects efficiently.
- Exercises engineering creativity, resourcefulness, and practicality in approaching tasks.
- Receptive in being mentored by more senior personnel and capable of mentoring junior colleagues in spacecraft systems development.
- Must be willing to be deployed to remote locations as required by assigned projects.
- Enthusiastic towards the advancement of space technology in the Philippines.



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