



# RCC Position Description: Journeyman *Increment 3 System Engineer*

The IBCS Inc 3 Systems Engineer will support the IBCS HW Chief Engineer in requirements management and model based systems engineering (MBSE) across complex, multi-disciplinary programs. This role is responsible for establishing and maintaining rigorous requirements processes, ensuring traceability from stakeholder needs through system design, verification, and validation. The engineer will lead the development and integration of MBSE practices, leveraging tools such as SysML to create digital system models that enhance collaboration, reduce risk, and improve lifecycle efficiency. Acting as a bridge between program management, design engineering, and customers, the Lead Systems Engineer will ensure that system architectures are well defined, requirements are complete and consistent, and technical baselines are properly controlled. In addition to technical leadership, the Lead Systems Engineer will mentor teams in best practices for requirements analysis, decomposition, and allocation, while driving adoption of MBSE methodologies across the organization. The position will oversee the creation of model-based artifacts that support design reviews, trade studies, and system integration activities, ensuring alignment with industry standards and regulatory requirements. By championing a model centric approach, the Lead Systems Engineer will enable improved decision making, foster innovation, and deliver systems that meet mission objectives with greater efficiency and reliability.

## **Requirements:**

- US citizenship and a Secret security clearance.
- Bachelor's degree in a relevant engineering discipline with 3 to 10 years experience.
- Experience in MBSE discipline
- Ability to thrive in an agile development environment.
- Proficiency with SysML is desired

## **Personal Attributes:**

- Strong analytical and problem-solving skills.
- Excellent communication and teamwork abilities.
- Adaptability and resilience in a dynamic environment.
- Commitment to continuous learning and professional development.