



# Example of Systems Integration & Test Engineer Job Description

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Our company is looking to fill the role of systems integration & test engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for systems integration & test engineer

- Plan program and event level risk-tailored performance estimation and analysis of system and operational Effectiveness and Suitability metrics & conditions
- Design surveys for evaluation of Subject Matter Expert (SME) input and user assessments of performance
- Execute the evaluation plan on data collected by the Testing Tasks
- Produce Evaluation Plans (metric framework, scenarios/threads, timelines, requirements/I&T cross-walk), Analysis Plans, Data Requirements, Risk Assessments, Evaluation Reports, Status reports
- Support Data Authentication group functions
- Produce associated Test Plans, Procedures, and Reports/Briefings, Data Management Plan
- Will report to MIRI Cooler ATLO Manager, and if necessary, MIRI Cooler Project Manager
- Primarily responsible for coordination, support and problem resolution (technical and programmatic) of ATLO tasks for the MIRI Cooler at NGAS-Space Park up to and including ship to launch site
- Developing Test Plans and Test Procedures for the TFDM system
- Run Test Procedures for the TFDM system

## Qualifications for systems integration & test engineer

- Knowledge and use of spreadsheets, documents and presentation tools is also required
- Develop and document integration and system test plans and test procedures
- Experience in development and/or test of hardware platforms using embedded OS
- Must have experience in analog, digital or mixed-signal circuit design
- Experience defining Hardware-in-the-loop test architecture
- M.B.A., M.S., or M.A