

ES&T

Skill Category Descriptions

JOB TITLE: PROGRAM MANAGER

General Experience: ES&T Principal with overall responsibility for the project. Substantial experience in managing technical and business issues associated with client requirements.

Functional Responsibility: Manages contractual relationship with customer. Negotiates and makes decision for ES&T. Applies ES&T resources to the project. Defines project approach, methods, and staffing. Conducts quality assurance over key project deliverables. Resolves issues with staff, tools and methods, Participates in project status and steering committee meetings to resolve issues through application of resources or experience gained on other projects.

Minimum Education: Bachelor's degree.

Minimum Experience: Approximately Fifteen (15) years of progressive experience in the area of expertise.

JOB TITLE: PROJECT ENGINEER

General Experience: Senior individual responsible for project and task management. Experienced in managing teams. Specialized knowledge of best business practices and the management of complex business situations.

Functional Responsibility: Responsible for the overall management of a specific program, project or task. Ensures the timely and successful performance of the effort. Responsible for the implementation and monitor of technical solutions and schedules. Formulates work standards and goals for the organization. Responsible for overall contract performance.

Minimum Education: Bachelor's degree.

Minimum Experience: approximately ten (10) years of experience, with at least three years spent managing teams.

JOB TITLE: SENIOR SYSTEMS ENGINEER

General Experience: Specialized experience in the applications of systems engineering techniques and processes. Develops and evaluates proposed solutions to determine technical and functional feasibility, efficiency, and adequacy.

Functional Responsibility: Provides systems engineering knowledge and insight relevant to the project. Provides requirements/capabilities definition, functional analyses, and architectural assessment and definition. Establishes resource budgets. Establishes team consensus on systems issues and implements flow down guidance. Implements ES&T's system engineering processes for the task at hand.

Minimum Education: Bachelor's degree.

Minimum Experience: Approximately Twelve (12) years of progressive experience in the area of expertise.

JOB TITLE: SENIOR MECHANICAL ENGINEER

General Experience: Specialized experience in the applications of mechanical engineering techniques and processes. Develops and evaluates proposed solutions to determine technical and functional feasibility, efficiency, and adequacy.

Functional Responsibility: Recommends and develops mechanical solutions for programs, projects and tasks. Develops mechanical requirements, capabilities and solutions based on system engineering and management flow down guidance. Conducts trades, analyses and manages flow down resources and requirements. Prepares design specifications and documentation.

Minimum Education: Bachelor's degree.

Minimum Experience: Approximately Six (6) years of progressive experience in the area of expertise.

JOB TITLE: SENIOR ELECTRICAL ENGINEER

General Experience: Specialized experience in the applications of electrical engineering techniques and processes. Develops and evaluates proposed solutions to determine technical and functional feasibility, efficiency, and adequacy.

Functional Responsibility: Recommends and develops electrical/electronic solutions for programs, projects and tasks. Develops electrical requirements, capabilities and solutions based on system engineering and management flow down guidance. Conducts trades, analyses and manages flow down resources and requirements. Prepares design specifications and documentation.

Minimum Education: Bachelor's degree.

Minimum Experience: Approximately Six (6) years of progressive experience in the area of expertise.

JOB TITLE: ELECTRICAL ENGINEER

General Experience: Basic experience in the development and implementation of electrical/electronic solutions.

Functional Responsibility: Develops and implements technical or functional plans. Supports team in solution implementation and testing. Supports specification and documentation development.

Minimum Education: Bachelor's degree or Two (2) years of relevant experience.

Minimum Experience: Approximately Two (2) years of progressive experience in the area of expertise.

JOB TITLE: SENIOR SOFTWARE ENGINEER

General Experience: Specialized experience in the applications of software/firmware engineering techniques and processes. Develops and evaluates proposed solutions to determine technical and functional feasibility, efficiency, and adequacy.

Functional Responsibility: Recommends and develops software/firmware solutions for programs, projects and tasks. Develops electrical requirements, capabilities and solutions based on system engineering and management flow down guidance. Conducts trades, analyses and manages flow down resources and requirements. Prepares design specifications and documentation.

Minimum Education: Bachelor's degree.

Minimum Experience: Approximately Six (6) years of progressive experience in the area of expertise.

JOB TITLE: SENIOR TECHNICIAN

General Experience: Substantial hands-on experience with the implementation and test of electronics and mechanical systems. Experience with the design, fabrication, integration and test of complex systems from breadboard to production items. Basic training/certification in implementation related disciplines

Functional Responsibility: Converts schematics and drawings into working electrical and mechanical systems. Implements and conducts tests including fixtures and instrumentation.

Analyzes integration and test information and develops corrective or support actions. Supports team to troubleshoot and resolve issues.

Minimum Education: Ten (10) years of relevant experience.

Minimum Experience: Approximately Ten (10) years of relevant experience.

JOB TITLE: TECHNICIAN

General Experience: Basic experience in the hands-on implementation and test of electrical/electronic or mechanical solutions.

Functional Responsibility: Implements fabrication, integration or test guidance. Support teams in integration and testing.

Minimum Education: Two (2) years of relevant experience.

Minimum Experience: Approximately Two (2) years of progressive experience in the area of expertise.

JOB TITLE: SUPPORT

General Experience: Experienced in providing project and task support concerning financial, documentation, procurement, daily business, and travel arrangements.

Functional Responsibility: Capability to provide administrative and related support to project teams. Maintains files and recurring reports. Provides general computer, financial, editing, graphics and administrative skills to support project team.

Minimum Education: Two (2) year degree or equivalent professional experience.

Minimum Experience: Approximately Two (2) years of progressive experience in the area of expertise.