



Innovators in Communications

Job Description

JD #: 25A6

Rev:

Job Title: Engineering Manager

Department: Eng

Reports To: Chief of Operations

Prepared By: DPB

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Approved By: DTL

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Summary Directs and coordinates activities of engineering department to design, manufacture, and test components, products, and systems by performing the following duties personally or through subordinate supervisors.

Essential Duties and Responsibilities include the following. Other duties may be assigned.

Responsible for contract review.

Utilizes ERP system to streamline engineering functions.

Directs department activities to design new products, modify existing designs, improve production techniques, and develop test procedures.

Resolves problems using solutions that involve new techniques, technologies, or concepts.

Analyzes technology trends, human resource needs, and market demand in our communications field to plan projects.

Confers with management, production, and marketing staff to determine engineering feasibility, cost effectiveness, and customer demand for new and existing products.

Forecasts operating costs of department and directs preparation of budget requests.

Advises management of new developments which may affect profit, schedule, costs, customer relations, and/or inter-departmental relations.

Provides direction and example for interpretation and application of company policies and procedures to the engineering activities.

Maintains a working knowledge of new technologies which may improve operations, and develops recommendations accordingly.

Maintains a working knowledge of safety policies and regulations to ensure duties of self and others are performed in a safe manner.

All Employee Responsibilities

Be familiar with Astrocom Employee Handbook, Emergency Action Plan, OSHA and Astrocom safety Requirements.

Be aware of the Astrocom organizational chart.

Aid in the processes of continuous improvement with company goals and objectives.

Supervisory Responsibilities

Directly supervises employees in the Engineering & Lab. Carries out supervisory responsibilities in accordance with the organization's policies and applicable laws. Responsibilities include interviewing, hiring, and training employees; planning, assigning, and directing work; appraising performance; rewarding and disciplining employees; addressing complaints and resolving problems.

Qualifications To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Education and/or Experience

Bachelor's degree (B. A.) from four-year college or university; or five years related experience and/or training; or equivalent combination of education and experience.

Mathematical Skills

Ability to apply advanced mathematical concepts such as exponents, logarithms, quadratic equations, and permutations. Ability to apply mathematical operations to such tasks as frequency distribution, determination of test reliability and validity, analysis of variance, correlation techniques, sampling theory, and factor analysis.

Computer Skills

To perform this job successfully, an individual should have knowledge of Contact Management systems; Database software; Design software; Development software; Internet software; Inventory software; Manufacturing software; Order processing systems; Project Management software; Spreadsheet software and Word Processing software.

Physical Demands The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Specific vision abilities required by this job include color vision.

Work Environment

While performing the duties of this Job, the employee is occasionally exposed to wet and/or humid conditions; moving mechanical parts; fumes or airborne particles; risk of electrical shock and explosives. The noise level in the work environment is usually quiet.

Competencies

To perform the job successfully, an individual should demonstrate the following competencies :

Analytical - Synthesizes complex or diverse information; Collects and researches data; Uses intuition and experience to complement data; Designs work flows and procedures.

Design - Generates creative solutions; Translates concepts and information into images; Uses feedback to modify designs; Applies design principles; Demonstrates attention to detail.

Problem Solving - Identifies and resolves problems in a timely manner; Gathers and analyzes information skillfully; Develops alternative solutions; Works well in group problem solving situations; Uses reason even when dealing with emotional topics.

Project Management - Develops project plans; Coordinates projects; Communicates changes and progress; Completes projects on time and budget; Manages project team activities.

Technical Skills - Assesses own strengths and weaknesses; Pursues training and development opportunities; Strives to continuously build knowledge and skills; Shares expertise with others.

Customer Service - Manages difficult or emotional customer situations; Responds promptly to customer needs; Solicits customer feedback to improve service ; Responds to requests for service and assistance; Meets commitments.

Interpersonal Skills - Focuses on solving conflict, not blaming; Maintains confidentiality; Listens to others without interrupting; Keeps emotions under control; Remains open to others' ideas and tries new things.

Oral Communication - Speaks clearly and persuasively in positive or negative situations; Listens and gets clarification; Responds well to questions; Demonstrates group presentation skills; Participates in meetings.

Written Communication - Writes clearly and informatively; Edits work for spelling and grammar; Varies writing style to meet needs; Presents numerical data effectively; Able to read and interpret written information.

Teamwork - Balances team and individual responsibilities; Exhibits objectivity and openness to others' views; Gives and welcomes feedback; Contributes to building a positive team spirit; Puts success of team above own interests; Able to build morale and group commitments to goals and objectives; Supports everyone's efforts to succeed.

Visionary Leadership - Displays passion and optimism; Inspires respect and trust; Mobilizes others to fulfill the vision; Provides vision and inspiration to peers and subordinates.

Change Management - Develops workable implementation plans; Communicates changes effectively; Builds commitment and overcomes resistance; Prepares and supports those affected by change; Monitors transition and evaluates results.

Delegation - Delegates work assignments; Matches the responsibility to the person; Gives authority to work independently; Sets expectations and monitors delegated activities; Provides recognition for results.

Leadership - Exhibits confidence in self and others; Inspires and motivates others to perform well; Effectively influences actions and opinions of others; Accepts feedback from others; Gives appropriate recognition to others.

Managing People - Includes staff in planning, decision-making, facilitating and process improvement; Takes responsibility for subordinates' activities; Makes self available to staff; Provides regular performance feedback; Develops subordinates' skills and encourages growth; Solicits and applies customer feedback (internal and external); Fosters quality focus in others; Improves processes, products and services.; Continually works to improve supervisory skills.

Quality Management - Looks for ways to improve and promote quality; Demonstrates accuracy and thoroughness.

Business Acumen - Understands business implications of decisions; Displays orientation to profitability; Demonstrates knowledge of market and competition; Aligns work with strategic goals.

Cost Consciousness - Works within approved budget; Contributes to profits and revenue ; Develops and implements cost saving measures; Conserves organizational resources.

Diversity - Demonstrates knowledge of EEO policy; Shows respect and sensitivity for cultural differences; Educates others on the value of diversity; Promotes a harassment-free environment; Builds a diverse workforce.

Ethics - Treats people with respect; Keeps commitments; Inspires the trust of others; Works with integrity and ethically; Upholds organizational values.

Organizational Support - Follows policies and procedures; Completes administrative tasks correctly and on time; Supports organization's goals and values; Benefits organization through outside activities; Supports affirmative action and respects diversity.

Strategic Thinking - Develops strategies to achieve organizational goals; Understands organization's strengths & weaknesses; Analyzes market and competition; Identifies external threats and opportunities; Adapts strategy to changing conditions.

Judgement - Displays willingness to make decisions; Exhibits sound and accurate judgment; Supports and explains reasoning for decisions; Includes appropriate people in decision-making process; Makes timely decisions.

Motivation - Sets and achieves challenging goals; Demonstrates persistence and overcomes obstacles; Measures self against standard of excellence; Takes calculated risks to accomplish goals.

Planning/Organizing - Prioritizes and plans work activities; Uses time efficiently; Plans for additional resources; Sets goals and objectives; Organizes or schedules other people and their tasks; Develops realistic action plans.

Professionalism - Approaches others in a tactful manner; Reacts well under pressure; Treats others with respect and consideration regardless of their status or position; Accepts responsibility for own actions; Follows through on commitments.

Quality - Demonstrates accuracy and thoroughness; Looks for ways to improve and promote quality; Applies feedback to improve performance; Monitors own work to ensure quality.

Quantity - Meets productivity standards; Completes work in timely manner; Strives to increase productivity; Works quickly.

Safety and Security - Observes safety and security procedures; Determines appropriate action beyond guidelines; Reports potentially unsafe conditions ; Uses equipment and materials properly.

Adaptability - Adapts to changes in the work environment; Manages competing demands; Changes approach or method to best fit the situation; Able to deal with frequent change, delays, or unexpected events.

Attendance/Punctuality - Is consistently at work and on time; Ensures work responsibilities are covered when absent; Arrives at meetings and appointments on time.

Dependability - Follows instructions, responds to management direction; Takes responsibility for own actions; Keeps commitments; Commits to long hours of work when necessary to reach goals.; Completes tasks on time or notifies appropriate person with an alternate plan.

Initiative - Volunteers readily; Undertakes self-development activities; Seeks increased responsibilities; Takes independent actions and calculated risks; Looks for and takes advantage of opportunities; Asks for and offers help when needed.

Innovation - Displays original thinking and creativity; Meets challenges with resourcefulness; Generates suggestions for improving work; Develops innovative approaches and ideas; Presents ideas and information in a manner that gets others' attention.

Language Skills

Ability to read, analyze, and interpret general business periodicals, professional journals, technical procedures, or governmental regulations. Ability to write reports, business correspondence, and procedure manuals. Ability to effectively present information and respond to questions from groups of managers, clients, customers, and the general public.

Reasoning Ability

Ability to solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists. Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form.