Systems Modeling Engineer: Systems Modeling Engineer I

Performs system and subsystem integration, technical risk assessments, technical planning, verification and validation, and supportability and effectiveness analyses of total systems throughout the system lifecycle. Analyses are performed at all levels of total system product implementation to include: concept, design, fabrication, testing, installation, operation, maintenance and disposal. Performs functional analysis, timeline analysis, detail trade studies, requirements allocation and interface-definition studies to translate customer requirements into hardware and software specifications.

Discretion/Latitude
Work is closely supervised. Follows specific, detailed instructions and/or guidance from more senior functional staff.

Knowledge Skills & Abilities
Limited use and/or application of basic technical principles, theories and concepts to specific job assignments.

Problem Solving
Develops solutions to routine technical problems of limited scope by following standardized practices and procedures.

Impact
Contributes to the completion of routine technical tasks. Failure to achieve results can normally be overcome without serious effect on schedules and programs.

Liaison
Contacts are primarily with immediate supervisor, project leaders, and other professionals in the section or group.

Minimum Education and Experience
0-2+ years with a BS in designated Engineering or a related field.