

# Systems Modeling Engineer: Systems Modeling Engineer II

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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**

Works under general supervision. Follows established procedures. Work is reviewed for soundness of technical judgment, overall adequacy and accuracy.

## **Knowledge Skills & Abilities**

Frequent use and application of basic technical standards, principles, theories, concepts and techniques.

## **Problem Solving**

Provides solutions to a variety of technical problems of moderate scope and complexity.

## **Impact**

Contributes to the completion of milestones associated with specific projects. Failure to achieve results and/or erroneous decisions or recommendations may cause delays in program schedules and may result in the allocation of additional resources.

## **Liaison**

Primarily internal company contacts. Infrequent inter-organizational and outside customer contacts on routine matters.

## **Minimum Education and Experience**

2-5+ years with a BS in designated Engineering or a related field.