

# Electronics Engineer: Principal Electronics Engineer

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Researches, designs, develops, and tests a variety of electronic equipment and systems, including radar and radiation detection equipment; radio, television and other communications equipment and systems; circuitry components; analog and digital computers; and control and test equipment.

## **Discretion/Latitude**

Works under consultative direction toward predetermined long-range goals and objectives. Determine and pursue courses of action necessary to obtain desired results. Completed work is reviewed from a relatively long-term perspective, for desired results.

## **Knowledge, Skills & Abilities**

Applies advanced technical principles, theories, and concepts. Contributes to the development of new principles and concepts. Identifies, analyzes and develops new business opportunities. Answers unusually complex technical questions regarding products and services, and takes part in putting together proposals, configurations, and product offerings.

## **Problem Solving**

Work on unusually complex technical problems and provide solutions that are highly innovative and ingenious.

## **Impact**

Develops technological ideas and guides their development into a final product. Erroneous decisions or recommendations would typically result in failure to achieve critical project objectives. Leads the planning and implementation of large projects/ programs. Contributes to department goals and planning efforts.

## **Liasion**

Serves as organization spokesperson on projects and/or programs. Acts as advisor to management and customers on advanced technical research studies and applications.

## **Minimum Education & Experience**

12+ years with BS in designated Engineering or related field.. Employees usually have advanced degree in field of specialization.