

## **ELECTRONIC TECHNICIAN - SPECIALIZED TITLE SERIES DEFINITIONS**

### **I. DEFINITIONS**

#### **ELECTRONIC TECHNICIAN - SPECIALIZED**

The positions at this level work under close supervision performing job duties described at the Electronic Technician – Specialized Advanced level. Positions at this level perform the most routine duties with clearly defined and specific objectives, guidelines, and instructions, exercising limited decision-making discretion. Assignments are narrow in scope.

#### **ELECTRONIC TECHNICIAN – SPECIALIZED INTERMEDIATE**

The positions at this level work under limited supervision performing job duties described at the Electronic Technician – Specialized Advanced level. Positions at this level perform complex duties on their own initiative while complying with the policies, practices and procedures prescribed. Assignments range from narrow in scope to full scope.

#### **ELECTRONIC TECHNICIAN - SPECIALIZED ADVANCED**

Under general supervision, positions are responsible for maintaining and upgrading a highly complex specialized electronic system, assisting researchers and for performing related duties. Positions may act as a lead worker for entry and intermediate level positions. Representative duties for positions at this level include: A) providing support to development efforts in working with scientific and engineering staff in the design, fabrication, and testing of advanced electronic control systems and equipment; and providing support to the users of the system. The subsystems include magnet, ultra high vacuum, high-powered radio frequency, cooling, high voltage, and advanced computer control and monitoring systems; B) working with a semiconductor lithography system, ensuring the safe and efficient operation of equipment and instruments, training users for scientific research, and offering technical assistance in the use, development and installation of new equipment and scientific experimental stations; or C) designing, fabricating, and testing the complex electronic system and subsystems for space flight and ground based activities; or D) working with telescopes, including designing and constructing the data acquisition and telescope instrumentation system; or E) developing, designing, and modifying the space and ground based research meteorological equipment and scientific instrumentation.

### **II. QUALIFICATIONS**

The qualifications required for these positions will be determined at the time of recruitment.

### **III. RELATED POSITIONS**

Electronic Technician – Research

Electronic Technician – Agency

Electronic Technician - Security