

# NEW CASTLE COUNTY GOVERNMENT

Number 0821

## CLASS SPECIFICATION

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Date 06/30/12

Title: JUNIOR ELECTRONICS TECHNICIAN

Approved:



GENERAL STATEMENT OF DUTIES: Assists in the performance of skilled electronic work in the installation, maintenance, and diagnosis of electronic and ancillary electric equipment; performs basic electrical work; does related work as required.

DISTINGUISHING FEATURES OF THE CLASS: An employee in this class assists in the installation, maintenance, inspection, adjustment, and repair of electronic equipment. This employee responds to problems in the field, investigates and, when possible, takes immediate action to correct the problem. This employee receives general supervision but exercises considerable independent judgment in executing assignments. Supervision may be exercised over the work of other employees.

EXAMPLES OF WORK: (Illustrative Only)

- Installs electronic equipment and electronic circuitry such as flowmeters, telemetry circuits, engine generator controls, electronic drives, security systems, and other related equipment;
- Operates and diagnoses failures in electrical and electronic systems and circuitry and makes repairs when necessary;
- Programs and operates computerized telemetry systems for pumping stations and wastewater treatment plants;
- Uses diagnostic equipment such as wattmeter, voltmeter, oscilloscope, megger, and other related equipment;
- Promotes an ongoing attitude of dedication to excellent public service and ensures that external and internal customers are provided with the highest quality of service;
- Operates a personal computer and other related equipment in the course of the work.

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES: Good knowledge of the theory and principles of electronics and electronic circuitry; thorough knowledge of the use of electronic diagnostic instruments such as the oscilloscope, volt-ohmmeter, megger, etc.; ability to read and understand electronic schematic drawings; ability to work safely in a hazardous environment; ability to understand and to carry out difficult written instructions; ability to establish and maintain effective working relationships with co-workers; ability to communicate courteously and effectively, both verbally and in writing.

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**MINIMUM QUALIFICATIONS:** Possession of a State of Delaware Journeyman Electrician's license and at least one (1) year of experience as an electronics technician assistant after successful completion of a State Registered Apprenticeship Program; and possession of a trade school or high school diploma or GED.

**ADDITIONAL REQUIREMENTS:** Possession of a valid Delaware Class D driver's license, or its equivalent. Must maintain State of Delaware Journeyman Electrician's license. Must pass a Class III County physical examination and background check; must perceive the full range of the color spectrum.

**HISTORY OF REVISIONS:**

Established: 08/30/99  
Revised: 07/02/02  
Revised: 06/30/12