**Electronics Technician II Standard Job Description**

**Classification Title:** Electronics Technician II

**FLSA Exemption Status:**Non-Exempt

**Pay Grade:** 7

**Minimum Pay:** $26.07

**Job Description Summary:**

The Electronics Technician II, under general supervision, installs, operates, and repairs a variety of electronic equipment used for research, instructional, or plant operation activities and supervises other technician personnel in such duties.

**Essential Duties/Tasks:**

**40% Troubleshooting and Repair of Electronic Systems**

* Troubleshoots and repairs electronic circuits using necessary test equipment.
* Repairs mechanical and electrical equipment as required.
* Performs preventive maintenance as necessary.
* Documents repair and design of electronic systems using AutoCAD and/or pCAD as required.

**20% Equipment Design and Fabrication**

* Helps design and fabricate electronic equipment.
* Assists in the creation of new designs for electronic systems.
* Coordinates with team members to meet design specifications.

**10% Research and Standard Operating Procedures**

* Establishes and oversees standard operating procedures.
* Performs research tasks related to electronics systems and equipment.

**10% Instruction and Maintenance Oversight**

* Instructs students on the proper use of equipment.
* Coordinates maintenance schedules to ensure equipment functionality.

**20% Duty Title (for the department's use)**

* Remaining Percentage Can Be Determined by Department to Meet Business Needs or Can Be Incorporated into Percentages Above.

**Qualifications:**

**Required Education:**

* High school diploma or equivalent combination of education and experience.

**Required Experience:**

* Four years of related experience as an electronics technician.

**Required Licenses and Certifications:**

* None

**Required Knowledge, Skills, and Abilities:**

* Ability to multitask and work cooperatively with others.
* Knowledge of test equipment, spectrum analyzers, digital voltmeters, oscilloscopes, radio test equipment, meters, signal generators, amp meters, voltmeters, and other digital instruments.

**Additional Information:**

**Machines and Equipment:**

* Computer
* Telephone

**Physical Requirements:**

* None

**Other Requirements and Factors:**

* This position is security sensitive
* This position requires compliance with state and federal laws/codes and Texas A&M University System/TAMU policies, regulations, rules and procedures
* All tasks and job responsibilities must be performed safely without injury to self or others in compliance with System and University safety requirements

**Is this role ORP Eligible? If so, it needs to meet the criteria on the** [**Rules and Regulations of the Texas Higher Education Coordinating Board**](https://reportcenter.highered.texas.gov/reports/data/user-friendly-version-of-ch-25/)**.**

[ ]  **Yes**

[x]  **No**

**Does this classification have the ability to work from an alternative work location?**

[ ]  **Yes**

[x]  **No**