**Accelerator Technician I Standard Job Description**

**Classification Title:** Accelerator Technician I

**FLSA Exemption Status:**Non-Exempt

**Pay Grade:** 8

**Minimum Pay:** $20.90

**Job Description Summary:**

The Accelerator Technician I, under general supervision, is responsible for performing basic accelerator operating functions for cyclotrons, operating auxiliary equipment and systems, and assisting staff and customers with special projects and basic machine and run information.

**Essential Duties and Responsibilities:**

**40% Beam Operations and Tuning**

* Tunes RF on accelerators.
* Performs basic machine adjustments.
* Peaks beam for experiments.
* Changes modes and sets up beamlines.
* Troubleshoots basic beam loss.
* Operates control systems and starts/stops vacuum systems.

**20% Data Management and Monitoring**

* Maintains data logs.
* Monitors RAM systems.
* Assists with interlock checks.

**10% Technical Support and Collaboration**

* Assists experimenters with technical issues.
* Works with engineering staff on facility-related projects.

**10% Daily Laboratory Tasks**

* Performs daily lab tasks.
* If an occasion arises, picks up supplies on or off campus.

**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:**

* Associate degree in applicable field or equivalent combination of education and experience.

**Required Experience:**

* No prior experience required.

**Required Licenses and Certifications:**

* None

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

* Ability to multitask and work cooperatively with others.
* Knowledge of basic electrical and mechanical systems.
* Ability to use basic hand tools.

**Additional Information:**

**Machines and Equipment:**

* Computer
* Hand Tools
* 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**