Cookeville Regional Medical Center in Cookeville, TN, is seeking a medical physics assistant (MPA) to join the Radiation Oncology department in the Cancer Center. The MPA will join three physicists, three dosimetrists, two radiation oncologists, and several radiation therapists and will be responsible for medical physics support activities. This is a PRN position with flexible hours.

**Title**

Radiation Physicist Assistant

**Responsibilities**

* Perform routine linear accelerator patient-specific IMRT quality assurance (QA) and custom electron cutout calibrations.
* Assist physicists with other QA tasks, such as machine output and constancy checks.
* Write and maintain simple Python programs. Share programs with the community via GitHub.
* Create and maintain Excel spreadsheets, including VBA, for QA tracking and data analysis.
* Provide software and technical support for treatment planning software, EMR/OIS, and QA software, liaising with vendor and in-house IT support when necessary.
* Perform basic dosimetrist tasks such as dose sums and DICOM import/export.
* Write and maintain documentation for Python programs, Excel spreadsheets, and resolutions to technical issues.
* Write and maintain procedures for department workflows.
* Other duties as assigned.

**Qualifications**

**Required**

* Strong work ethic and willingness to learn new software, concepts, and procedures.
* Knowledge of basic statistics.
* Proficiency with Microsoft Word and Excel.
* Some college coursework in any technical discipline, such as engineering, computer science, or physics.

**Preferred**

* Associate’s or bachelor’s degree in any technical discipline.
* College coursework in physics.
* Computer programming experience, especially Python and VBA for Excel.