

ANNOUNCEMENT OF VACANCY
(Pending funding approval)

POSITION: Graduate Assistant in Physics (2020-2021)

QUALIFICATIONS:

REQUIRED:

Enrollment in the Sustainable Energy Systems master's program

Strong written communication skills

DESIRED:

Prior experience working with equipment commonly used in laboratories in STEM disciplines

Experience with electronics and/or electronics repair

RESPONSIBILITIES:

The Graduate Assistant in Physics will be responsible for

1. Grading the weekly lab reports for the introductory level physics courses for non-majors (PHY 105/106). This will entail weekly meetings with the lab instructor to discuss the intended learning outcomes of the lab and the associated grading rubric, scoring the labs, and maintaining a grade book to be sent to the course instructor to be used in determining mid-semester estimates and the final grade.
2. Aiding the Department's full-time lecturer with lab set up and tear down with a specific focus on equipment testing and on the maintenance and repair of any equipment found to be defective
3. Working with the faculty teaching the Sustainable Energy Systems courses to develop new and extend existing laboratories and project based learning exercises for the SES courses. This will entail both the design and testing of new experiments as well as help in preparing and refining the associated lab scripts in close coordination with the faculty.

The work load associated with these responsibilities will total 10 hours per week with the relative weighting between the three areas varying as needs arise during the semester.

SALARY: 3 credits of tuition support per semester, \$1750 stipend per semester,
10 hour/week obligation

APPLICATION: Completed applications with letters of recommendation must be received in the Graduate Admissions Office, SUNY Cortland, Miller Building, Room 106, Cortland, NY 13045 by March 31, 2020. Late applications will be accepted until the position is filled.

SUNY Cortland is an AA/EEO/ADA employer