



## **SCHENECTADY COUNTY COMMUNITY COLLEGE POSITION DESCRIPTION**

### **TITLE: TEMPORARY ALTERNATIVE ENERGY FACULTY**

#### **FUNCTION OF THE POSITION:**

The temporary alternative energy faculty will provide instruction and advisement primarily to students in the Alternative Energy A.A.S degree and Storage Battery Certificate Programs. This individual will also assist the division in continuing to develop our STEM technology programs. A full-time teaching load generally consists of 15 credit hours per semester or 18 contact hours in addition to office hours, advisement, and committee work. The individual should be able to provide lectures and laboratory instruction in a variety of courses in the areas of electrical circuits, electronics, solar, wind, and fuel cell power, power generation and transmission, programmable logic and process controls and instrumentation. Faculty at SCCC are responsible for academic advisement, assessment, course development, and collaboration across disciplines, departmental work, and other duties as assigned.

#### **AREAS OF RESPONSIBILITY WILL INCLUDE:**

- Teaching a full-time course load of alternative energy and electrical technology courses and the associated laboratories;
- Providing academic advisement to students;
- Providing office hours for students;
- Working with the Division and the Dean to further develop STEM technology programs;
- Preparing and administering assessment instruments;
- Course development and program implementation in collaboration with the department;
- Participation in departmental activities, including program review and assessment activities;
- Serving on College committees;
- Development and maintenance of partnerships, internships and special programs with local industry, regional colleges and universities, and regional K-12 institutions; and
- Other duties as assigned

#### **QUALIFICATIONS:**

- A Master's Degree in an appropriate engineering, technical, science or related field;
- College teaching experience;
- Ability to teach both lecture and laboratory courses; and
- Demonstrated commitment to the community college mission

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**Temporary Alternative Energy Faculty Member**

**PREFERRED:**

- Ph.D.
- Teaching experience at a community college
- Experience working with a diverse population
- Experience in academic advisement
- Experience with program development

**REPORTING RESPONSIBILITY:**

The Temporary Alternative Energy Faculty is a 10 month contract position and will report directly to the Dean of Math, Science, Technology and Health.

**Date:** December 23, 2011  
Academic Affairs

